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Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulation s	Informatio n	Opt-In Page Number And Section Number	Original Determinat ion of Adequacy	Informatio n Required To Make OPT Conform With Regulation s	Response Date	Applicant Response No. 1	CEC Dispositio n 1	Applicant Response No. 2	CEC Dispositio n 2	Applicant Response No. 3	CEC Disp ositio n No.	Applicant Response No. 4
HAZ2-11	Deficiency Letter Attachment B	Hazards and Hazardous Materials	Not specified	Not specified	BACKGRO UND: Storage of large quantities of fuel onsite Fuel would be stored onsite in large quantities in above ground storage tanks (ASTs) during Project constructio n and Operation for vehicle and equipment refueling.	Not specified	No	26. Provide information on the volumes of fuel and numbers of fuel ASTs to be present onsite during both construction and operational activities.	5/25/2023 and 27-Jun and 21-Jul	This information will be provided in the SPCC Plan which will be submitted prior to construction. Above ground storage tanks would only be sited within the various temporary construction laydown areas at the site and/or at the OM facility during operation.	The informatin submitted is incomplete. Table 2-3 of the DEIR notes over 5,000 gallons of deisel fuel would be stored onsite in ASTs during constructio n and operation. Please identify/verify the location and potetnial volume of deisel fuel to be stored during proejct operation.	Diesel fuel would be stored at the O&M facility during operation and within constructio n laydown areas during construction. These locations are shown in LU-002 (TN# 250712).	The information submitted is incomplete. The referenced figure (TN# 250712) does not identify any locations noted as laydown areas. It does identify the O&M location and locations of Staging Areas. Please clarify if the laydown areas are identifed on the map with another name, and if not please add them to the map.	Laydown areas are referenced on the Figure as "Staging Areas."		

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HAZ2-12	Deficiency Letter Attachment B	Hazards and Hazardous Materials	Not specified	Not specified	BACKGRO UND: Storage of large quantities of fuel onsite Fuel would be stored onsite in large quantities in above ground storage tanks (ASTs) during Project constructio n and Operation for vehicle and equipment refueling.	Not specified	No	27. Provide a map (or GIS data) identifying the potential locations of fuel ASTs during both construction and operational activities.	5/25/2023 and 27-Jun and 21-Jul	This information will be provided in the SPCC Plan which will be submitted prior to construction. Above ground storage tanks would only be sited within the various temporary construction laydown areas at the site and/or at the OM facility during operation.	The information submitted is incomplete. Please identify the potential locations of laydown or work areas that woudlstore large quatities of deisel fuel during Project construction and identfy the potential location(s) where deisel fuel would be stored during proejct operation.	Diesel fuel would be stored at the O&M facility during operation and within constructio n laydown areas during constructio n. These locations are shown in LU-002 (TN# 250712).	The information submitted is incomplete. The referenced figure (TN# 250712) does not identify any locations noted as laydown areas. It does identify the O&M location and locations of Staging Areas. Please clarify if the laydown areas are identifed on the map with another name, and if not please add them to the map.	Laydown areas are referenced on the Figure as "Staging Areas"		

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LU-003	Deficiency Letter Matrix	Land Use	Vahidi Inouye Kerr	Appendix B (g) (3) (A) (i)	An identificatio n of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	TN 248288: DEIR Intro to Environme ntal Analysis; Section 3.1.4.10 (Land Use and Planning); page 3.1-19 TN 248322: Executive Summary and Project Description; Section 2.3; pages 1 to 2	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 Executive Summary and Project Description (TN 248322) include a description of land uses (residential, recreational , commercial , industrial) within one mile of the project site.	1-Jun and 22-Jun and 21-Jul	Please see response to LU-002.	e) and TN 250448		See CEC Disposition No. 3 for Data Request Identifier LU-002.	See response to LU-002.		

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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, jurisdictiona I boundaries, general plan designation s, specific plan designation s, and zoning have been clearly delineated.	Alternatives ; Section 2.2; pages 2-3	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 designation s for the proposed 2020 project area. These figures will need to be updated to reflect the 2023 proposed project configuratio n.	1-Jun and 22-Jun and 21-Jul	Please see response to LU-002.	The information submitted is incomplete. TN 250283 (LU-02_LandUs e), TN 250292 (LU-06_Zoning), and TN 250448 (land_use_f wp_respon ses) are not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(A)(iv). The specific information still needed is:The Project Site Boundary (i.e., the boundary that encompass es all project activities)The 1-mile buffer from the specific proposed Project Site Boundary, as required by the Warren-	Project site boundary provided as a shapefile via Kiteworks (TN# 250835). These shapefiles demonstrat e that no Project component will encroach into	See CEC Disposition No. 3 for Data Request Identifier LU-002.	See response to LU-002.		

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											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 Jurisdiction al boundaries for federal lands. The project would border Lassen National Forest, which is not shown in TN 250283 or TN 250292.					

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											Lands administere d by the U.S. Bureau of Land Manageme nt along Highway 299 are also missing from TN 250283 and TN 250292.					

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SOC-001	Deficiency Letter Matrix	Socioecono mics	Allen Kaufman Kerr	Appendix B (g) (1)	provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the constructio n, operation and maintenanc e of the project, the measures proposed to mitigate adverse environmen tal impacts of the project, the effectivene ss of the proposed measures, and any monitoring plans proposed to verify the effectivene ss of the mitigation.	Staff Report;	No	Please provide the cumulative impact assessmen t for population/ housing, recreation, and public services. A discussion of the cumulative impacts for Utilities and Service Systems has been provided. Please provide similar detail for cumulative analyses of other socioecono mic sections (i.e., population/ housing, recreation, and public services) based on an up-to-date cumulative scenario.	6/2/2023 and 29-Jun and 3-Jul and 21-Jul	As discussed in Section 3.1.4, Environme ntal Considerati ons 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	the Warren- Alquist Act Siting Regulation Appendix B (g)(1). The DEIR is outdated and based on baseline assumption s 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 cumulativel y considerabl e 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 constructio n and will be in the area only temporarily. The number of construction n workers temporaily in the area is not expected to have any significant	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 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 including the logic supporting the conclusion	"INO 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.sh asta.ca.us. INCEC 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. 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		

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										does not propose to add permanent population; rather, the workers coming into the region for constructio n 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	impacts due to the constructio n, operation and maintenanc e of the project, the measures proposed to mitigate adverse environmen tal impacts of the project, the effectivene ss of the proposed measures, and any monitoring plans proposed to verify the effectivene ss of the mitigation." TN250344 (Socioecon omics response memo) states there will be a peak of 200 workers/mo nth during the constructio n phase. Activities during this period may change the demands on public services to the area. TN250344 also states, "The	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 campgroun ds, These temporary construction workers are not likely to create significiant (the threshold under CEQA) new demand for public services in terms of fire, police, or medical serices. New permanent employees (up to 10) are also not likely to create a significant new demand for public services. There is	CEQA lead agency obligation to evaluate cumulative impacts. Being able to follow and understand the	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 must be: • Substantial, or potentially substantial • Adverse o Related to physical		

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										2023 (TN# 250436). No response was received.	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 information still needed includes the following: - A discussion of the cumulative impacts based on the most up to date assumption s in the current/final ized (i.e, number of turbines, site configuration, site boundary) Project description. - Documenta tion of follow-up attempts	evidence that baseline socio- economic conditions related to housing, population and public services have significantly changed since the County prepared its EIR. The Applicant request that the CEC staff provide evidence that baseline socioecono mic 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	conditions, per CEQA Guidelines Section 15125(a)(1), the baseline physical conditions from which a lead agency determines whether an impact is significant are the conditions that "exist at the time the notice of preparation is	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/housin g, 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		

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											(i.e., attempts to outreach by phone), if any, to reach Paul Hellman of Shasta County Planning. Please provide Mr. Hellman's contact information.	has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordinatio n.	The specific information still needed includes the following: i Documenta tion 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. i A discussion including the logic leading to the cumulative impacts conclusion based on the most up to date assumption s in the current/final ized Project description (i.e., number of turbines, site configuration, site boundary).	construction workers that would work on the project already live in the County. Workers already living in the County are part the baseline population. • 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. • Even assuming that all of the project's construction workers are		

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														temporary commuters, 200 additional temporary workers would temporarily increase Shasta County's population by 0.1105%. According to the US Census, (see Quick Facts about Shasta County at www.census.gov) 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		

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														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 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		

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														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 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.		
														Recreation: The same factors set forth above also logically support the conclusion		

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														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) 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		

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														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 postevent 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 effect, not significant effect on physical environment);		

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														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)Bec ause 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		

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														document reaching this conclusion provides logical 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.		

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SOC-007	Deficiency Letter Matrix	Socioecono mics	Allen Kaufman Kerr	Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcemen t, emergency response, medical facilities, other assessmen t districts, and school districts. For projects outside metropolita n areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes for	TN 248288-3: DEIR Intro Environme ntal Analysis; pages 22-26 TN 248322: Executive Summary and Project Description; pages 14-15 TN 248288-2: DEIR Description of Project and Alternatives; pages 24-25	No	Please provide response time goals/capa cities/ability to meet response goals for public safety. Please provide a discussion with level of detail similar to that provided for utilities for the fire protection, law enforcemen t, and medical facilities.	6/2/2023 and 30-Jun and 3-Jul and 21-Jul	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: -Response time goals, and the capacity/abi lity to meet those goals while maintaining public safety. Please contact service providers and obtain this information.	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 Department s 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	The response is insufficient for my analysis purposes. The information provided 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 correspond ence." However, neither Applicant Reponses 1 nor 2 provide the information contained in the email. The specific information still needed includes the	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 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		

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					the duration of the project schedule.							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 incorporate d cities and districts in Shasta County. In 2021, approximat ely one- third of the emergency calls required a response to outlying areas of the	Information contained in the above-referenced emails. ; Response time goals, and the capacity/abi lity to meet those goals while maintaining public safety. ; Please provide call log of which agencies were contacted, including the date, time, phone number, and other relevant point of contact information.			

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												County; ambulance response time in these areas was approximat ely 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. 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 environmen tal documents for pending or past				

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												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 correspond ence. 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 n from Shasta County, the Applicant has also provided CEC staff with contact information for the				

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												County planning staff (including emails and telephone numbers) for purposes of CEC coordinatio n.				

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SOC2-014	Attachment B Addendum	Socioecono mics	Not specified	Not specified	14. Please provide the response time goals and the capacities/a bility to meet those public safety response goals for all local agencies providing services to the project pertaining to fire protection, law enforcemen t, 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 would serve the proposed project.	Not specified	No	Not specified	6/2/2023 and 30-Jun and 3-Jul	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 Department s 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	The response is insufficient for my analysis purposes. Please see CEC Disposition 2 for Data Request Identifier SOC-013.	See response to SOC-007.		

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												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 incorporate d cities and districts in Shasta County. In 2021, approximat ely one- third of the emergency calls required a response to outlying areas of the				

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												County; ambulance response time in these areas was approximat ely 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. 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 environmen tal documents for pending or past				

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WILDFIRE- 01	Deficiency Letter Attachment B	Wildfire	Not specified	Not specified	Multiple citations are provided for the DEIR wildfire setting and effects information and potential impacts related to wildfire as related to the Project. However, many of the references cited are not readily available for review to verify the information provided.	Not specified	No	Please provide copies of the following references that are not readily available online (for many the online link does not work). • Anderson, H. E., 1982. Aids to Determinin g Fuel Models for Estimating Fire Behavior. Available online at: https://www.fs.fed.us/rm/pubs_int/int_gtr122.p df. • California Department of Forestry and Fire Protection (CAL FIRE), 2019a. Communiti es at Risk List [filtered to include only Shasta County]. Available online at: http://osfm.fire.ca.gov/fireplan/firepl anning_communities_at_risk?filter_field=county.	5/25/2023 and 29-Jun and 21-Jul	The following sources were submitted. The remainder were unable to be found. (TN# 250321) Anderson, H. E., 1982. Aids to Determinin g Fuel Models for Estimating Fire Behavior. Available online at: https://www.fs.fed.us/rm/pubs_int/int_gtr122.pdf. (TN# 250323). CAL FIRE and Shasta County Fire, 2018. Shasta-Trinity Unit 2018 Strategic Fire Plan. Available online at: http://cdfdat a.fire.ca.go v/pub/firepl an/fpupload /fpppdf1624.pdf. May 10, 2018. (TN# 250322).	The information submitted is incomplete. Despite the applicant indicating that they were unable to find more than half of the requested references, I was able to find and obtain all but a few of the missing references using online searches. One of the submitted references was not the correct file, but I was albe to find the correct file online. The 2018 PG&E CERP ws not avialbe online but I ws able to find the 2019 and 2023 PG&E CERPs. The remaining references are not easily availble online or are not	Your comments on the remaining references are noted. The email from James Zanotelli to Bill Walker is included in the Shasta County Scoping Report on p. 196 (TN# 248301).	The response is incomplete. Please provide a copy of the following reference: Sacrament o Bee, 2019. "California's largest wildfire was caused by a hammer, Cal Fire says." June 6, 2019. This article from the Bee requires a subscriptio n to the Sacrament o Bee to access.	Cal Fire blames CA's Ranch Fire on hammer, concrete stake The Sacramento Bee (sacbee.com)		

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								nty_name& filter_text=S hasta. Accessed May 23, 2019. CAL FIRE and Shasta County Fire, 2018. Shasta-Trinity Unit 2018 Strategic Fire Plan. Available online at: http://cdfdat a.fire.ca.go v/pub/firepl an/fpupload /fpppdf1624.pdf. May 10, 2018. California Public Utilities Commissio n (CPUC), 2020. CPUC Fire Safety Rulemaking Backgroun d. Available online: https://www.cpuc.ca.go v/FireThrea tMaps/Accessed July 1, 2020. CPUC, 2017a. Decision 17-12-024-Order Instituting		California Public Utilities Commissio n (CPUC), 2020. CPUC Fire Safety Rulemaking Backgroun d. Available online: https://www .cpuc.ca.go v/FireThrea tMaps/ Accessed July 1, 2020. [available at link only] National Association of State Foresters, U.S. Bureau of Land Manageme nt, U.S. Fish and Wildlife Service, National Park Service, Bureau of Indian Affairs, U.S. Department of Agriculture, and National Wildfire Coordinatin g Group	available online and need to either be submitted or another source for the same information needs to be submitted. The remaining references (with my notes on availability) are: • Dupras, D., 1997. Geology of Eastern Shasta County. California Geological Survey. Map. Scale 1:100,000. This reference is actually Plate 1A of the Mineral land classification of alluvial sand and gravel, crushed stone, volcanic cinders, limestone, and diatomite within Shasta					
								Rulemaking to Develop and Adopt Fire Threat		(National Association of State Foresters	County, California, California Geological					

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								Maps and Fire-Safety Regulations . Rulemaking 15-05-006. Issued December 21, 2017. • Dupras, D., 1997. Geology of Eastern Shasta County. California Geological Survey. Map. Scale 1:100,000. • Milman, O., 2018. "Wildfire Smoke: Experts Warn of 'Serious Health Effects' Across Western US." The Guardian, August 2, 2018. Available online at: https://www.theguardia n.com/worl d/2018/aug/02/wildfire-events-air-quality-health-issues-in-western-us. Accessed August 23, 2019. • National Association		et al.), 2003. Interagency Strategy for the Implementa tion of Federal Wildland Fire Manageme nt Policy. June 20, 2003. Available online at: https://www .sierraforest legacy.org/ Resources/ Community /SmokeMa nagement/ AirQualityP olicy/FedWl dFireMgmt Policy.pdf. (TN# 250339). National Oceanic and Atmospheri c Administrati on (NOAA), 2018. The Impact of Wildfires on Climate and Air Quality. Available online at: https://www .esrl.noaa.g ov/csd/facts heets/csdW ildfiresFIRE X.pdf. Accessed	Survey OFR-97-03. {late 1C is the legend. The document is currently Out of Print. Can be viewed, but not saved or printed, at https://ngm db.usgs.go v/Prodesc/p roddesc_44 915.htm. Sacrament o Bee, 2019. "California's largest wildfire was caused by a hammer, Cal Fire says." June 6, 2019. This article from the Bee requires a subscriptio n to the Sacrament o Bee to access. Shasta County Fire Department , 2018. Email from James Zanotelli to Bill Walker on February 1, 2018. Please provide a					
								of State		June 24,	copy of this					

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								Foresters, U.S. Bureau of Land Manageme nt, U.S. Fish and Wildlife Service, National Park Service, Bureau of Indian Affairs, U.S. Department of Agriculture, and National Wildfire Coordinatin g Group (National Association of State Foresters et al.), 2003. Interagency Strategy for the Implementa tion of Federal Wildland Fire Manageme nt Policy. June 20, 2003. Available online at: https://www .sierraforest legacy.org/ Resources/ Community /SmokeMa nagement/ AirQualityP olicy/FedWI		(TN# 250338). PG&E, 2019. Pacific Gas and Electric Company Amended 2019 Wildfire Safety Plan. February 6, 2019. Amended February 14, 2019 and April 25, 2019. Available online: https://www .cpuc.ca.go v/SB901/ (TN# 250336). Stantec and Pacific Wind Developme nt, LLC, 2018. Environme ntal Initial Study, Fountain Wind Project Pacific Wind Developme nt, LLC. 2018. Environme ntal Initial Study, Fountain Wind Project Pacific Wind Developme nt, LLC. 2018. Environme ntal Initial Study, Fountain Wind Project Pacific Wind Developme nt, LLC. Prepared in co- ordination with and for Shasta County Department of	email, the person who wrote the EIR Wildfire section should have it and it should be part of the EIR administrati ve record.					

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								Policy.pdf. National Oceanic and Atmospheri c Administrati on (NOAA), 2018. The Impact of Wildfires on Climate and Air Quality. Available online at: https://www .esrl.noaa.g ov/csd/facts heets/csdW ildfiresFIRE X.pdf. Accessed June 24, 2020. National Wildfire Coordinatin g Group,		Manageme nt Planning Division. June 28, 2019. (TN# 248297-2) [only available at link] Shasta County, 2016. Shasta County Communiti es Wildfire Protection Plan 2016. Available online at: http://www. westernsha starcd.org/ Docs/Shast aCWPPs- 2016.pdf.						
								g Group, 2015. National Fire Danger Rating System Fuel Model. Available online at: https://www .nwcg.gov/s ites/default/ files/stds/st andards/nfd rs-fuel- model_v1- 0.htm. Accessed March 30, 2020. Pacific Gas and Electric Company		(TN# 250337). Shasta County and City of Anderson, 2017. Shasta County and City of Anderson Multi- Jurisdiction al Hazard Mitigation Plan. Available online at: https://www .co.shasta. ca.us/docs/l ibraries/pub lic-works- docs/hmp-						

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										documents/shasta-county-hazard-mitigation-plan-november-2017.pdf?sf vrsn=b54ee 689_2. November 16, 2017. (TN# 250335). U.S. Forest Service (USFS), 2015. The 2010 Wildland-Urban Interface of the Contermino us United States. June 2015. Available online: https://www.fs.fed.us/nrs/pubs/rmap/rmap_nrs 8.pdf Accessed June 17, 2020. (TN# 250334). WRCC, 2020b. Burney, California						
								"California's largest wildfire was caused by a hammer, Cal Fire says." June 6, 2019.		Total of Precipitatio n (Inches), Period of Record 1948 to 2015. Available						

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								• Shasta County, 2016. Shasta County Communiti es Wildfire Protection Plan 2016. Available online at: http://www. westernsha starcd.org/ Docs/Shast aCWPPs- 2016.pdf. • Shasta County, 2017. Shasta County Developme nt Standards- Chapter 6, Fire Safety Standards. Available online at: https://www .co.shasta. ca.us/docs/l ibraries/pub lic-works- docs/devst dmanual/sc - developme nt- standards- manual.pdf. Revised June 27, 2017. • Shasta County, 2018. General Plan Element 5.0, Public Safety		online at: https://wrcc .dri.edu/WR CCWrapper s.py?sodxtr mts+04121 4+por+por+ pcpn+ none+msu m+5+01+F. Accessed June 24, 2020.						

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								Group. Available online at: https://www .co.shasta. ca.us/docs/l								
								ibraries/res ource- manageme nt- docs/docs/ 54firesafety .pdf?sfvrsn								
								=204962bd _0. Updated December 11, 2018. • Shasta								
								County Fire Department , 2018. Email from James Zanotelli to								
								Bill Walker on February 1, 2018. • Shasta County and								
								City of Anderson, 2017. Shasta County and City of Anderson								
								Multi- Jurisdiction al Hazard Mitigation Plan. Available								
								online at: https://www .co.shasta. ca.us/docs/l ibraries/pub lic-works-								
								docs/hmp- documents/ shasta-								

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								county-hazard-mitigation-plan-november-2017.pdf?sf vrsn=b54ee 689_2. November 16, 2017. • Stantec and Pacific Wind Developme nt, LLC, 2018. Environme ntal Initial Study, Fountain Wind Project Pacific Wind Developme nt, LLC. Prepared in co-ordination with and for Shasta County Department of Resource Manageme nt Planning Division. June 28, 2019. Available online at: https://www.co.shasta.ca.us/docs/libraries/resource-manageme ntdocs/projects/fountain-wind-project/initi								

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								al- study/initial- study.pdf. • U.S. Forest Service (USFS), 2015. The 2010 Wildland- Urban Interface of the Contermino us United States. June 2015. Available online: https://www .fs.fed.us/nr s/pubs/rma p/rmap_nrs 8.pdf Accessed June 17, 2020. • U.S. Forest Service, U.S. Bureau of Land Manageme nt, Bureau of Indian Affairs, U.S. Fish and Wildlife Service, and National Park Service (USFS et al.), 2009. Guidance for Implementa tion of Federal Wildland								

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								Fire Manageme nt Policy. February 13, 2009. Available online at: https://www .nifc.gov/po licies/polici es_docume nts/GIFWF								
								MP.pdf. • WRCC, 2020b. Burney, California Total of Precipitatio n (Inches), Period of Record 1948 to 2015.								
								Available online at: https://wrcc .dri.edu/WR CCWrapper s.py?sodxtr mts+04121 4+por+por+ pcpn+ none+msu m+5+01+F. Accessed June 24, 2020.								

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WILDFIRE- 03	Deficiency Letter Attachment B	Wildfire	Not specified	Not specified	DEIR Section 3.16.3.1 a) includes discussion of potential hazards due to the wind turbine towers interfering with firefighting operations in the event of a local wildfire and a mitigation measure (MM 3.16- 1b) to reduce the risk. This measure has no way of verifying completion nor does it require any coordinatio n with CALFIRE staff regarding this information.	Not specified	No	Provide a discussion on timing and verification of transmittal of data regarding tower locations to CALFIRE, and a discussion of whether any coordinatio n would occur before or during fires with CALFIRE regarding aerial firefighting in the vicinity of the turbines.	5/25/2023 and 29-Jun and 21-Jul	The following mitigation measure outlines timing of transmittal of data regarding tower locations to CAL FIRE and contains a mechanism for CEC to verify compliance with requiremen t to transmit information: Mitigation Measure 3.16-1b: Pre-Construction Coordination with CAL FIRE: Prior to issuance of construction permits by the CEC, the Applicant shall provide evidence that it has submitted GIS files or other maps of the Project layout to CAL FIRE to facilitate aerial firefighting planning.	The information submitted is incomplete. The submitted revised MM 3.16-1b provides timing and verification of submittal of information regarding tower locations to CALFIRE and addes submittal to CEC. However, it does not address the part of the comment about coordinatio n with CALFIRE regarding aerial firefighting during fires in the Project vicinity.	Yes, The Applicant will coordinate with CALFIRE before and during fires. The Applicant would designate a "Risk Manager" to be available on-site whenever construction activities are in progress. The Risk Manager would have oversight authority and would be the point of contact for CALFIRE / Shasta County Fire Department ("SCFD") during any incident. Prior to construction, the Applicant would provide to Cal FIRE / SCFD the telephone number of the control center that has the ability to	The response is incomplete. Please clarify as to whether there would be an equivalent to the "Risk Manager" or other point of contact during project operation that would coordinate with CALFIRE / Shasta County Fire Department ("SCFD") during a fire incident.	The on-site Site Supervisor during operations will function as the Risk Manager during operations.		

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										The Applicant shall notify CAL FIRE of any changes to the Project layout or any maintenanc e that would require the use of helicopters or the use of equipment not previously identified on maps provided to CAL FIRE that could present a new, previously unidentified vertical obstacle to aerial firefighting.		shut down the turbines. When the control center is notified by CALFIRE / SCFD of a fire, the control center would immediatel y shut down any turbines that could be detrimental to the mitigation of an incident located in proximity to the turbines, as directed by the incident commander.			

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AIR-002	Deficiency Letter Matrix	Air Quality	Hughes	Appendix B (g) (8) (A)	Determinati on of	Shasta County DEIR, Section 3.3 Air Quality (TN 48288- 5); Shasta County DEIR, Section 3.10 Greenhous e Gas Emissions (TN 248288- 12); Shasta County DEIR Appendix B Air Quality and Greenhous e Gas Emissions (TN 248291-4)	No	Backgroun d: Emergency Generator - The project would utilize a 268 horsepower (hp) emergency generator that would operate for testing and maintenanc e purposes. The emergency generator would require a permit to operate (PTO) from the Shasta County AQMD. Energy Commissio n staff will need to incorporate portions of the Shasta County AQMD engineering evaluation and PTO into its EIR. Request: Emergency Generator - Please provide a completene ss determinati on from the Shasta County AQMD	5/23/2023 and 5-Jul and 21-Jul	An application for an Authority to Construct will be submitted to Shasta County AQMD. The Applicant will provide a determinati on of completene ss once it is available from SCAQMD.	AIR-002 - The emergency generator will require a 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 completene ss 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.				

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								confirming that the district has everything it needs to complete its review of this project and provide an engineering evaluation and permit to operate.								

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BIO-005	Deficiency Letter Matrix	Biological Resources	Watson Huntley Wood Dunn Maldonado Hilliard	Appendix B (g) (13) (A) (v)	provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the constructio n, operation and maintenanc e of the project, the measures proposed to mitigate adverse environmen tal impacts of the project, the effectivene ss of the proposed measures, and any monitoring plans proposed to verify the effectivene ss of the mitigation.	TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 1, 2) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 2, Figure 1) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 3 and Figure 1) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 3 and Figure 1) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 3 and Figure 1) site characteriz ation study (2017), Figure 5 TN #: 248306-4 (2018), pg. 4 (2017), Figure 5 TN #: 248306-4 (2018), pg. 4 (2018), pg. 4 (2018), pg. 4 (2019), pg.	No	Topic: Impact 3.4-5: Construction, operation and decommissioning of the Project could result in adverse impacts to California spotted owls. The DEIR does not adequately assess potential impacts to this species nor does the proposed mitigation measure provide adequate protection during proposed construction activities. The DEIR states "Areas of the Project Site containing moderate to high suitability for nesting habitat are present only within the southeaster n third of the Project Site, with approximat	1-May 2-Jun and 21-Jul	Please see response to BIO-002 above. The survey data already provided as part of the application package is sufficient for the CEC as CEQA lead agency to reach informed conclusions for CEQA purposes about the likely impact of the Project on California Spotted Owl a species being considered for federal but not state listing and devise suitable mitigation measures to reduce impacts to CSO as a species to a level of less than significant under CEQA. Although the CEC is acting under its	The information submitted is incomplete. The specific information still needed is updated surveys for CSO. In light of their potential listing and the timing of construction staff considers the data to be required to evaluste impacts under CEQA.	The Applicant will conduct a CSO survey in 2023. Results will be provided to CEC when available.	The information submitted is complete. However, Staff requests that the applicant provide a map of proposed survey areas for this task.	new info docketed	Not fully resolv ed. The applic ants CSO Surve ys for the Fount ain Wind Proje ct scope of work is dated June 9th, and was docke ted on July 17th. The scope of work states that CSO surve ys will be conducted to align with the Proto col for Surve ying Propo sed Mana	See updated July 20, 2023 CSO survey plan, TN #251119

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					(2021 spotted owl memo) TN # 248289-1 (FEIR Page 1-5 to 1-6) TN # 248306-1 (Willow Flycatcher Surveys)		ely 945 acres classified as having moderate suitability for the species and 50 acres classified as having high suitability. These areas of predicted high suitability for nesting and roosting, are present in small, isolated patches in the Project Site which may limit the potential for these areas to support California spotted owl roosts or nests." Considerin g the loss of any suitable habitat for this and other species in the region that has occurred from recent landscape		opt-in authority as the permitting agency under the California Endangere d Species Act in the place of CDFW, CSO is not a state-listed species or being considered for state listing. Further, case law establishes that protocollevel surveys (i.e., those of a level of effort necessary to determine "take") are not required under CEQA. Specifically, "CEQA neither requires a lead agency to reach a legal conclusion regarding 'take' of an endangere					geme nt Activit ies that may Impac t North ern Spott ed Owl (NSO Surve y Proto col, USF WS 2012); and that the 0.25 mi buffer is consi stent with NSO surve y proto cols for distur bance only projec ts. The NSO Surve y Proto col define s	
							level wildfires, the DEIR		d species nor compels an					distur bance -only	

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								should not discount use of the		agency to demand an applicant to					projec ts as "Activi	
								site nor its importance		obtain an incidental					ties that	
								to this		take permit					do	
								species in the region.		from another					not modif	
								In addition,		agency."					y	
								the current mitigation		Association of Irritated					spotte d owl	
								measure		Residents					habita	
								indicates that one		v. County of Madera					t but will	
								survey for		(2003) 107					result	
								this species would be		Cal. App. 4th 1383.					in distur	
								conducted		Instead,					bance	
								or presence would be		CEQA					to	
								assumed.		requires a lead					spotte d	
								Conducting		agency to					owls	
								one surveys		determine whether a					usuall V	
								season		project is					repre	
								would not likely		likely to have a					sent short-	
								ensure that		significant					term	
								impacts to		impact on a species at					effect s	
								this species are		a					comp	
								assessed		population					ared	
								or reduced to less than		level. (See CEQA					to the long-	
								significant		Guidelines					term	
								levels. Required		section 15065					effect s of	
								Informatio		requiring a					habita	
								n: Please provide		finding of a significant					t modifi	
								updated		impact if a					cation	
								information		project					,	
								on occurrence		would "substantial					espec ially	
								s of spotted		ly reduce					when	
								owl within and near		the habitat of a fish or					such projec	
								the Project		wildlife					ts are	
								site.		species,"					limite d to	
										cause a fish or					one	
										wildlife					seaso	
										population					n."	

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										to drop below self- sustaining levels; threaten a plant or animal community; substantiall y reduce the number of an endangere d, rare or threatened species"). Here, the existing survey data on CSO establishes that there is a small amount of suitable CSO habitat present on site and that CSO could be present on or near the site. This existing survey data, plus a requiremen t for pre- constructio n surveys to establish buffers and exclusion zones if necessary, allows the CEC to meet its CEQA obligations to (1) conclude					The project t will result in the remo val of poten tial CSO habita t and the construction of wind turbin es, which will result in a long-term impact on the lands cape. Additional justificiatio n is need ed as to why the project qualifies as short-term distur bance, and only a 0.25 mi buffer	

test CSO protoco proto	Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulation s	Informatio n	Opt-In Page Number And Section Number	Original Determinat ion of Adequacy	Informatio n Required To Make OPT Conform With Regulation s	Response Date	Applicant Response No. 1	CEC Dispositio n 1	Applicant Response No. 2	CEC Dispositio n 2	Applicant Response No. 3	CEC Disp ositio n No.	Applicant Response No. 4
California to be											may be present on the project, (2) devise mitigation measures to address potential impacts on CSO, (3) conclude that, with mitigation, including preconstruction surveys and the impolement ation of minimization and avoidance measures such as nest avoidance and exclusion zones, the Project is not likely to have a significant adverse impact on CSO as a species. It should also be noted that USFWS has determined that large-scale high-severity wildfire is the biggest threat to					sufficient in lieu of the 1.3 mi provin cial surve y radius. Proposed surve y locations are provided on the south ern portion of the project, but are not proposed at the north ern portion of the project just south of Hwy 299. Thou gh this is assumed	

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulation s	Informatio n	Opt-In Page Number And Section Number	Original Determinat ion of Adequacy	Informatio n Required To Make OPT Conform With Regulation s	Response Date	Applicant Response No. 1	CEC Dispositio n 1	Applicant Response No. 2	CEC Dispositio n 2	Applicant Response No. 3	CEC Disp ositio n No.	Applicant Response No. 4
										owl. The Service worked with timber operators and the U.S. Forest Service to develop coordinated , multi-party fire risk reduction efforts that include the removal of brush and select trees that fuel fires in owl habitat. Most of the land inhabited by California spotted owls is managed by the Forest Service and timber operators. Implementa tion of their fire risk reduction plans could help improve California spotted owl habitat in the coming years. Renewable energy generation is also anticiapted to reduce wildfire risk					to the Fount ain Fire and post fire salva ge loggin g, it's not specifically discu ssed in the appro ach to the spotte dowl surve ys. Clarify the reasoning why the north ern section was excluded from the proposed surve y area. The mem odoes not describe in detail the	

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										in the coming decades. To be prepared for the potential federal listing, the Applicant is proposing to undertake an additional two years of CSO surveys according to the NSO protocol developed by USFWS as a result of listing under ESA, in 2023 and 2024. However, these surveys are not required to determine the significance of impacts under CEQA. GIS files submitted May 1, 2023 via Kiteworks show CSO occurrence s within 10 miles of the Project.					forma I meth ods to be used per Secti on 5 and Secti on 6 of the NSO Surve y Proto col. The surve y result s docu ment ation shoul d includ e specific detail on the surve y appro ach and meth ods, and how it is consi stent with the NSO Surve y	

Original Determinat ion of Adequacy Mith Regulation s	Response Dispositio Res	plicant CEC Sponse Dispositio n 2 Applicant Response No. 3	CEC Disp ositio n No. No. 4
			Proto col.
	Adequacy With Regulation	Adequacy With Regulation No. 1 n 1 No.	Adequacy With Regulation s No. 1 n 1 No. 2 n 2

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BIO-030	Deficiency Letter Matrix	Biological Resources	Watson Huntley Wood Dunn Maldonado Hilliard	Appendix B (g) (13) (A) (v)	species and habitats identified by local, state, and federal agencies as needing protection, including but not limited to those identified by the California Natural Diversity Database, or where applicable, in Local Coastal Programs or in relevant decisions of the California Coastal Commissio n;	TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 1, 2) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 2, Figure 1) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 3 and Figure 1) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 3 and Figure 1) TN #: 248308-5 (2018 great gray owl habitat assessmen t, pg. 3 and Figure 1) site characteriz ation study (2017), Figure 5 TN #: 248306-4 (2018 northern goshawk surveys, pg. 1 and 2) TN #: 248307-5 (spotted owl risk assessmen t [2020], pg. 4 and 6) TN #: 248309-4	No	Topic: 2021 Northern Spotted Owl Memo. The memo states that, "Field surveys aligned with the USFWS endorsed Protocol for Surveying Proposed Manageme nt Activities that may Impact Northern Spotted Owls – 2012 Revision (USFWS 2012)." The 2012 USFWS Protocol (https://nrm .dfg.ca.gov/ FileHandler .ashx?Docu men tID=83977& inline) requires "two years of six visits per year, including activity center searches, and, if appropriate , spot checks and activity center searches." The memo states that	1-May 2-Jun and 21-Jul	See Responses to BIO-05, BIO- 026, and the 2021 Spotted Owl Assessmen t Memo (TN# 248309-4). CSO and NSO cannot be distinguishe d in the field, and all spotted owls detected south of the Pit River are now considered CSO by USFWS and CAL FIRE. This is consistent with the more current records in the state database. If additional surveys were to be conducted, all spotted owls detected in or near the Project site south of the Pit River would be classified as CSO.	The information submitted is incomplete. The specific information still needed is updated surveys for CSO. In light of their potential listing and the timing of construction staff considers the data to be required to evaluste impacts under CEQA.	The Applicant will conduct a CSO survey in 2023. Results will be provided to CEC when available.	The information submitted is complete. However, Staff requests that the applicant provide a map of proposed survey areas for this task.	new info docketed	Not fully resolv ed. The applic ants CSO Surve ys for the Fount ain Wind Proje ct scope of work is dated June 9th, and was docke ted on July 17th. The scope of work states that CSO surve ys will be conducted to align with the Proto col for Surve ying Propo sed Mana	See updated July 20, 2023 CSO survey plan, TN #251119

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						spotted owl memo) TN # 248289-1 (FEIR Page 1-5 to 1-6) TN # 248306-1 (Willow Flycatcher Surveys)		surveys were conducted between May and July of 2021, which only consists of one year of surveys. The survey results indicate that "a spotted owl pair and nest on US Forest Service land approximat ely 0.4 mi northeast of the nearest proposed turbine" was found; and "The same male spotted owl was again heard on July 19 and its leg band confirmed when the bird was visually observed approximat ely 0.3 mi from the nearest proposed turbine." Whether the spotted owl detected was an CSO or NSO was							geme nt Activit ies that may Impac t North ern Spott ed Owl (NSO Surve y Proto col, USF WS 2012); and that the 0.25 mi buffer is consi stent with NSO surve y proto cols for distur bance only projec ts. The NSO Surve y Proto col define s distur bance -only	

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								not stated in the text							projec ts as	
								but was stated on							"Activi	
								the legend in the							that do	
								figure. It is unclear if							not modif	
								the owl detection							y spotte	
								was assumed to							d owl habita	
								be a CSO based on							t but will	
								previous memos, or							result in	
								was confirmed							distur bance	
								to be CSO, as no information							to spotte	
								on species determinati							d owls usuall	
								on was provided.							У	
								Even though							repre sent short-	
								spotted owls were							term	
								detected nearby,							s	
								though slightly							ared to the	
								outside the 0.25-mile							long- term	
								buffer, the conclusion							effect s of	
								states that, "the							habita	
								likelihood of spotted							modifi cation	
								owls nesting							, espec	
								within the Project							ially when	
								area or surrounding							such projec	
								0.25-mile buffer							ts are limite	
								appears to be low."							d to one	
								Required Informatio							seaso n."	

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								n: Please conduct an additional round of surveys for spotted owl in accordance with the USFWS protocol. Please indicate whether the spotted owls observed were identified as CSO in the field or assumed to be CSO based on the Spotted Owl Risk Assessmen t.							The projec t will result in the remo val of poten tial CSO habita t and the construction of wind turbin es, which will result in a long-term impac t on the lands cape. Additi onal justificiatio n is need ed as to why the projec t qualifies as short-term distur bance, and only a 0.25 mi	

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															is sufficient in lieu of the 1.3 mi provin cial surve y radius . Propo sed surve y locations are provided on the south ern portion of the project, but are not propo sed at the north ern portion of the project just south of Hwy 299. Thou gh this is assumed to be due

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															to the Fount ain Fire and post fire salva
															ge loggin g, it's not specif ically discu ssed
															in the appro ach to the spotte d owl surve ys. Clarif
															y the reaso ning why the north ern sectio
															n was exclu ded from the propo sed surve
															y area. The mem o does
															not descri be in detail the

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															forma I meth ods to be used per Secti on 5 and Secti on 6 of the NSO Surve y Proto col. The surve y result s docu ment ation shoul d includ e specific detail on the surve y appro ach and meth ods, and how it is consi stent with the NSO Surve y	

Original Determinat ion of Adequacy Mith Regulation s	Response Dispositio Res	plicant CEC Sponse Dispositio n 2 Applicant Response No. 3	CEC Disp ositio n No. No. 4
			Proto col.
	Adequacy With Regulation	Adequacy With Regulation No. 1 n 1 No.	Adequacy With Regulation s No. 1 n 1 No. 2 n 2

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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 site and within one-quarter mile of any project-related linear facilities. Include:	TN 248288: DEIR Description of Project and Alternatives; Section 2.2; pages 2-3 to 2-5 TN 248288: DEIR Intro to Environme ntal Analysis; Section 3.1.4.10 (Land Use and Planning); page 3.1-19 TN 248322: Executive Summary and Project Description; Section 2.3; pages 1 to 2	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 designation s for the proposed 2019 project area. This figure will need to be updated to reflect the 2023 proposed project configuratio n and layout. 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 Executive Summary and Project	1-Jun and 22-Jun and 30-Jun and 21-Jul	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_LandUs e) and TN 250448 (land_use_f wp_respon ses) 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 encompass es all project activities)The 1-mile buffer from the specific proposed Project Site Boundary, as required by the Warren-Alquist Act Siting	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 constructio n and maintenanc e corridors. Appendix B does not require an applicant to provide the total numbers of existing residences but the Applicant nonetheles s estimates that there are approximat ely 50 rooftops that may be houses in the second home community of Moose Camp, and an additional 15 or so	Please provide the geospatial data layers (i.e., shapefiles or Project geodatabas e) associated with the Project Site Boundary (including all project features and all areas in which ground disturbing activities could potentially occur, and the associated construction and maintenanc e corridors depicted on revised Figure LU-002 (TN 250712)). In TN 250712, Lassen National Forest is shown as PUB designation . However, underneath the PUB area delineated the Lassen National Forest	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 Proje ct Site Boun dary shape files provid ed in TN 2508 35 show incon sisten t assu mptio ns of temp orary and perm anent impac ts along the acces s roads , collec tion lines, and turbin e sites. In sever al locati ons where the Proje ct would be locate d	The linework at three locations was adjusted to avoid overlapping linework with non participatin g parcels. Of the three ares noted, two (Parcel 027160022 000 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 preliminary design so are not included in impact calculations . In the third location, the collector line right of way linework was

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								Description (TN 248322) include a description of land uses (residential, recreational , industrial) within one mile of the project site.			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 analysisThe location of zoning designation s 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	scattered throughout the 1-mile buffer.	boundary still shows Project access roads as traversing National Forest System lands. Please correct the jurisdictiona I boundary discrepanc y for Lassen National Forest that remains evident in TN 250712 revised Figure LU- 002 to show accurate proposed Project jurisdictiona I boundaries.		groun d distur bing activit ies and reduc es or remo ves the projec ted acrea ge of temp orary or perm anent impac t.	adjsuted so it does not overlap with the linework for Parcel 029210011 000, an overlap of approximat ely 0.6 acres. The 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 this location is necessary, it will not substantiall y change the previously approximat ed permanent and temporary impacts for the right of way.

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Apper (g)(3)	dix B A)(i),	sisten cies
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location any experience of the control of the contr	ns of cisting	ge, and
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recreation in the control of the con	tion es	bance buffer
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parks trails;	Č.	would be
school	s;	based on

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											/retail sites; industrial uses or other land uses. Note that land use designation s (i.e., general plan and zoning) are not the same as existing physical land uses currently occurring on the project site.				the types of construction equip ment required to prepare the site for construction and to install the Project. Pleas e provide an explanation of why these assumptions differ along Parce I 0292 1001 1000, Parce I 0271 6002 2000, and the boun dary of Lasse n Natio	

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						Section	Section Adequacy	Number Regulation	Number Regulation	Number Regulation	Number Regulation	Number Regulation	Number Regulation	Number Regulation	Number Regulation S nal Fores

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LU-008	Deficiency Letter Matrix	Land Use	Vahidi Inouye Kerr	Appendix B (g) (3) (C)	A discussion of the legal status of the parcel(s) on which the project is proposed. If the proposed site consists of more than one legal parcel, describe the method and timetable for merging or otherwise combining those parcels so that the proposed project, excluding linears	TN 248330: Shasta County Use Permit Application; pdf pages 8 to 16 TN 249296- 9: Parcel Owners List	No	Please revise the 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	25-May 1-Jun 21-Jun 10-Jul and 21-Jul	A table with APNs within the Project Site is included (TN# 250435). See note on 250435 which states: To our 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 information submitted is incomplete. TN 250289 (LU-008_fwp_re sponse_me mo), TN 250435 (LU-008_fwp_p arcel_numb ers_rev2), and TN 250448 (land_use_f wp_respon ses) 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	The original APN list docketed as TN 250289 was overinclusive. The revised APN list and maps have been 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	Thank you for 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 documentat ion of the lease extension 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	Lease extension provided (TN# 250984).	Option for Wind Energy y 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	agraph 1.5 of the

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											parcels docketed in TN 250435 (LU- 008_fwp_p arcel_numb ers_rev2) does not match the list of parcels docketed in TN 250289 (LU- 008_fwp_re sponse_me mo). The more recent docket filling (TN 250435) does not identify any of the changes to the list of APNs or explain why a revised list of APNs was docketedA 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), "If the proposed site	necessary where non- linear facilities (such as the O&M building or a	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 encumbran ces or deed restrictions associated with each parcel upon which the project would be sited."		ive Date of this Option Agree ment, unles searlier terminated or extended in accordance with the provisions herein ("Option Term"). The Parties agree that this updated Initial Option Term unites each of the prior Initial Option Term spertaining to the Property	will extend the lease term to allow a full 35 years of operations once the CEC approves the project.

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								S			consists of more than one legal parcel, describe the method and timetable for merging or otherwise combining those parcels so that the proposed project, excluding linears and temporary laydown or staging area, will be located on a single legal parcel." The proposed project includes non-linear and permanent infrastructure such as turbines, meteorologi cal and microwave towers, O&M Facilities, Substation/ Switchyard sites that would be sited on multiple parcels.	contructed on multiple legal parcels. It would be impractical (and unnecessar y) 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 memorand um of lease will be provided as soon as it is available. Appendix B does not require the Applicant to provide an analysis of encumbran ces or deed			that exist within the Prior Existi ng Prope rty Optio ns to be updat ed to run for up to such eight (8) additi onal years, in accor dance with this Secti on 3, from the Effect ive Date of this Optio n Agree ment." As the "Effect ive Date of the Optio n Agree	
											Per the Warren- Alquist Act	restrictions on each parcel.			ment" is April	

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											Siting Regulation Appendix B (g)(3)(C), the Applicant must provide the 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	Nonetheles s, the Applicant confirms that no encumbran ces or deed restrictions preclude construction or operation of the proposed project.			4, 2016, the initial term of the Optio n would remai n in effect until April 4, 2024. Even with the option of lease renew al for an additi onal 8 years after 2024 (i.e., lease expira tion in 2032), TN 2509 84 does not provid e proof of site control throu gh the Proje ct's 35-year	

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											encumbran ces or deed restrictions associated with each parcel upon which the project would be sited.				opera tion perio d. Pleas e provid e proof of site contr ol for each parcel upon which the Proje ct would be sited throu ghout the propo sed 35- year opera tion perio d.	

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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 description s of agricultural activities. More information is needed to describe the 110-acre area of designated Prime Farmland approximat ely 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.	1-Jun and 22-Jun and 30-Jun and 21-Jul	See response to LU-009.	The information submitted is incomplete. TN 250291 (LU-09_Agricult uralResour ce) and TN 250448 (land_use_f wp_respon ses) 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.	As confirmed by field surveys in 2018, 2019, and 2021, the parcel	The information submitted is incomplete. The specific information still needed is: - In TN 250705 the Applicant states, "There are no irrigation systems lcoated 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 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 occasionall y harvested for hay. Though it is classified as Prime	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 and the Applicant's consultants do not have permission to enter the property. General observations about 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 Irrigatedsee SOILS-002 map (TN# 250058). However, because this parcel is not irrigated, it is not considered Prime	CEC Staff has revie wed the Rare Plant and Veget ation Mapping surve ys from 2018, 2019, and 2021 (TN 2483 08-7, TN 2483 08-8, and TN 2483 08-1) for the information referenced in Applic ant Response No. 3 on the 110-acre area of designated Prime Farml	See Applicant Response No. 3; 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. The project will not affect the in-holding property's agricultural capacity or potential as no project component s are located on this in- holding parcel. These statements are based on site observation s in 2018, 2019 and 2021, which were made from the parcel boundary of the in- holding property.

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												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 consist on on-going timber harvest operations. As stated in the existing setting of the Biological Resources Section of the Shassta County EIR: "The dominant vegetation community is Sierran mixed conifer forest; however, the structure and species compositio n of this community varies greatly with slope, aspect, elevation, and disturbance (e.g., fire	Farmland, it is not used for crops and is not irrigated." Please provide citations for where this information was obtained from.	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#: 248308-1). But again, the Project would have no impact on such uses if they were to occur.	and. The Rare Plant Surve y report s do not includ e the 110-acre area of Prime Farml and within their surve y areas . None of the surve y report s provid e a descri ption of the 110-acre area, and there is no discu ssion of irrigati on, cultiv ation practi ces, or use of the	

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												and forest manageme nt). Dominant overstory species include a combinatio n of white fir (Abies concolor), Douglas fir (Pseudotsu ga menziesii), incense cedar (Calocedru s 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			Farml and for hay production that was described in TN 2507 05. Pleas e provid e document ation for the follow ing state ments from TN 2507 05: (1) "There are no irrigation systems located within the project site boun daries or on the 110-acre inhold ing parcel	

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												3.1.2.4 said: . "Existing land uses within the Project Site consist exclusively of managed forest lands. Unpaved logging roads and transmissio n 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, constructio n or alteration of a gas, electrical, water or communica tion facility, or other public improveme nts, in accordance with Governmen			"(2) "No 'special cultivation practices' are carried out within the projec t site boun daries or within the parcel in questi on." (3) "the parcel in questi on is, in fact, a mead ow which is occas ionall y harve sted for hay."	

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											t 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. "				

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	Deficiency Letter		Vahidi	Appendix B (g) (3) (D)	Direct, indirect, and cumulative effects on agricultural land uses. If the proposed site or related facilities are subject to an Agricultural Land Conservati on contract, provide a written copy and a discussion of the status of the expiration or canceling of such	TN 248288: DEIR Description of Project and Alternatives ; Section 3.1.4.1; page 3.1-		Please provide description s of agricultural activities and their locations, and identify whether the 110-acre Prime Farmland site is subject to an Agricultural Land Conservati on contract. To identify potential 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	1-Jun and 21-Jun and	See response to	The information submitted is incomplete. TN 250291 (LU-09_Agricult uralResour ce) and TN 250448 (land_use_f wp_respon ses) are not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(D), Appendix B (g)(3)(D)(iii). For specific information still needed, see Disposition response for LU-009. The applicant's response for LU-009 states "Maps produced by the California Resources Agency pursuant to the Farmland	The data shown in LU- 09_Agricult ural Resources (TN# 250291) are taken from the FMMP mapping service (Available at: https://gis.c onservation .ca.gov/port al/home/ite m.html?id= 22da29884 9d1476795 51680593b 9b035), 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	See Disposition 2 for LU-		The link provid ed in Applic ant Resp onse No. 2 is for the 2020 FMM P File Geod ataba se. The 2020 FMM P File Geod ataba se does not includ e data on Land Cons ervati on Act contracts (i.e., Willia mson Act contracts) within Shast a Count y. Pleas e provid e the	established by a title evaluation for the project parcels, none of the parcels are under Williamson Act contract. This is confirmed by this Shasta County "Williamson Act Parcels" data layer https://datashasta.ope ndata.arcgi s.com/data sets/william son-act-parcels/exp lore?locatio n=40.78235 4%2C-121.812590 %2C9.73. It is also confirmed by Shasta County's EIR, which states that none of the project parcels are subject to
LU-012	Matrix	Land Use	Kerr	(iii)	contract.	12	No	Agricultural		LU-009.	Mapping	County.	009		data	

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								analysis states that none of the parcels within the proposed project site are subject to a Williamson 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 Conservati on contract.			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.				used to identify the location on of parcels subject to a Land Conservation Act contract (i.e., lands under Williamson Act contract) within Shast a County.	

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LU2-01	Attachment B Addendum	Land Use	Not specified	Not specified	Please provide a updated information for the Cumulative Scenario that includes the following elements to support an adequate discussion of any potentially significant cumulative impacts that may be idendified: a. Local and regional planning projections for Shasta County; b. Reasonably foreseeable future development of small wind energy systems as a result of 2022 amendment s to the Shasta County Code; c. An updated cumulative projects list that includes planned/proposed or	Not specified	No	Not specified	1-Jun and 22-Jun and 30-Jun and 21-Jul	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. 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	The information submitted is incomplete. It appears that the Applicant is unable to research and obtain this information. TN 250436 (LU2-01_fwp_cu mulative_pr ojects_requ est) and TN 250448 (land_use_f wp_respon ses) are not adequate responses to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives , Land Use, and Socioecono mics Data Requests inadvertentl y left out of deficiency letter for Fountain Wind application) . The specific information still needed as specified in Data Requests Set 1: Land	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	is not known whether these funds will be accepted nor would the Applicant control the design, permitting, or developme nt process, which would, if these activities occur, be controlled by independen t legal entities (Fall River Resource Conservati on District and ShastaBea m). No information about the scope of these potential activities is available. The Fuel Break and	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 activitiies is not now known. It would be speculative for the CEC to attempt to analyze the impacts of such potential activities in its EIR.	Applic ant Resp onse No. 3 states that it would be speculative to evalu ate the poten tial cumulative impacts from the projects described in TN 2482 96-2 (Communit y Benefits Program). Howe ver, any of the community benefits projects that are likely to be funded follow	The applicant will be providing funding, but will not be implementing 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 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

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					permitted projects since August 2019; and 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 constructio n equipment, and anticipated schedule for construction n and maintenanc e.					Proposed Project or the CEC's discretionar y action.	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 constructio n equipment, and anticipated schedule for constructio n and maintenanc e. The Fuel Break Project and the Expanded Internet Service Project were identified by the Applicant as activities that would be undertaken in TN	projects. The Fuel Break and Expanded Internet Service 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 developme nt process, which would, if these activities occur, be controlled by independen t legal entities (Fall River Resource Conservati on District and	are not necessary for developme nt of the Project." Based on this response in TN 250705, it appears that the Community Benefits Program information provided in TN 248296-2 (Communit y Benefits Program) is no longer valid. Please confirm if the Community Benefits Program is no longer applicable to this Project.		ing appro val of the Propo sed Proje ct would be releva nt to the cumul ative scena rio. For exam ple, regar ding the Fuel Break Proje ct, TN 2482 96-2 states that the Fall River Reso urce Cons ervati on Distri ct, "su bmitte d a grant applic ation to the Califo rnia Department of	deliver community- based services." Ultimate use of the funds and control of the activities funded are outside the control of the applicant, are not part of this project, and therefore not appropriatel y considered in the CEC's CEQA analysis.

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											248296-2 (Communit y 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 environmen t, or a reasonably foreseeable indirect physical change in the environmen t"	ShastaBea m). 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.			Fores try and Fire Prote ction ("CAL FIRE") in May 2021 as part of the Califo rnia Clima te Invest ments Depart tment of Fores try and Fire Prote ction. This program provid es match ing funds for fuel break projec ts which allow s the Fall River RCD to doubl e the size, scope	

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															, and benefit t of the projec t." Pleas e provid e the Fuel Break Proje ct Description that was submitted with the CAL Fire grant applic ation, which is a reaso nably fores eeabl e projec t to be included in the cumul ative scena rio. In addition, Staff needs confir matio	
															n as to wheth	

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															er or not the Applic ant will imple ment the Com munit y Benef its Program as part of the Proje ct. If so, then it needs to be analy zed in the EIR. Pleas e provid e confir matio n as to the applic ability of the Program to the Proje ct.	

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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 Land Use and Zoning Designation s (as amended) for the project site; b. The boundaries of the proposed Lease Hold Area; and c. The 2023 proposed project configuratio n and layout within the site boundaries that identifies the proposed location of the following: turbines, ground and overhead collector lines, access roads, temporary constructio n laydown areas, proposed	Not specified	No	Not specified	1-Jun and 21-Jun and 21-Jul	Figure is updated and included in LU-02.	The information submitted is incomplete. TN 250283 (LU-02_LandUs e) and TN 250448 (land_use_f wp_respon ses) are not adequate responses to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives , Land Use, and Socioecono mics Data Requests inadvertentl y left out of deficiency letter for Fountain Wind application) The specific information still needed to address TN 248759 Data Requests Set 1: Land Use, Data Request #2 (a through c) includes the		Thank you for confirming that the corrected list of parcels is provided in TN 250435, and that TN 250289 should be disregarded. See Disposition 2 for LU-002 regarding discrepanci es in the jurisdictiona I boundary for Lassen National Forest.	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 Dispo sition No. 3 for Data Requ est Identif ier LU- 002.	See response to LU-002.

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					operations and maintenanc e facility, proposed meteorologi cal evaluation towers, storage sheds, temporary concrete batch plants, substation and switchyard, and relay microwave tower.						following:The Project Site Boundary (i.e., the boundary that encompass es 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 site boundary upon which the Project would be sited to					

allow for CEQA impact analysisThe location of zoning	Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulation s	Informatio n	Opt-In Page Number And Section Number	Original Determinat ion of Adequacy	Informatio n Required To Make OPT Conform With Regulation s	Response Date	Applicant Response No. 1	CEC Dispositio n 1	Applicant Response No. 2	CEC Dispositio n 2	Applicant Response No. 3	CEC Disp ositio n No.	Applicant Response No. 4
Usesignation se that are identified in the figure legend for 37 The , Rural Residential is shown in the legend but is missing on the squre) Jurisdiction al bursteries for foreign bursteries foreign bur												CEQA impact analysisThe location of zoning designation s 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) Jurisdiction al boundaries for federal lands. The project would border Lassen National Forest, which is not shown in this figure. The figure is also missing lands administere d by the U.S. Bureau of Land Manageme nt along Highway 299 Clarification on the list					

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											all areas on which project activities would occur. The list of parcels docketed in TN 250435 (LU-008_fwp_p arcel_numb ers_rev2) does not match the list of parcels docketed in TN 250289 (LU-008_fwp_re sponse_me mo). 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.					

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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 collector lines, access roads, temporary construction laydown areas, proposed operations and maintenanc e facility, proposed meteorological evaluation towers, storage sheds, temporary concrete batch plants,	Not specified	No	Not specified	1-Jun and 21-Jun and and 21-Jul	Refer to response for LU-012	The information submitted is incomplete. TN 250291 (LU-09_Agricult uralResour ce) and the Applicant's May 25th response in the "fountain_w ind_data_re sponse_tra cker_2023-0531 update" is not an adequate response to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives , Land Use, and Socioecono mics Data Requests inadvertentl y 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 Dispo sition No. 3 for Data Requ est Identif ier LU- 002.	See response to LU-002.

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					substation and switchyard, and relay microwave tower). 6. Please provide a map illustrating the location of the 110-acre Prime Farmland relative to the proposed project (turbines, ground and overhead collector lines, access roads, temporary construction laydown areas, proposed operations and maintenanc e facility, proposed meteorological evaluation towers, storage sheds, temporary concrete batch plants, substation and switchyard, and relay microwave tower). 7. Describe the historic											

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					and current agricultural activities occurring at the 110-acre Prime Farmland site, and discuss the applicable crop type(s), irrigation systems, and any special cultivation practices. 8. Identify whether the 110-acre Prime Farmland site is subject to an Agricultural Land Conservati on contract. If this land is under contract, identify the length of the contract, the time remaining under the current contract, and whether the contract status is designated as renewal or non-renewal.											

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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 component s relative to each parcel (turbines, ground and overhead collector lines, access roads, temporary construction n laydown areas, proposed operations and maintenanc e facility, proposed meteorological evaluation towers, storage sheds, temporary concrete batch plants, substation and switchyard, and relay microwave tower).	Not specified	No	Not specified	25-May; resubmitted 1-Jun and 21-Jun and 10-Jul and 21-Jul	9. A list of project parcels (TN# 250435) and corresponding maps are provided (TN# 250442, 250444); 10. The memorand um 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 countywide ban on commercial scale wind projects passed subsequent	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_f wp_respon ses) is not an adequate response to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives , Land Use, and Socioecono mics Data Requests inadvertentl y left out of	ces or deed restrictions on each parcel. Nonetheles s, the Applicant confirms that no encumbran ces or deed restrictions preclude	See Disposition 2 for LU- 008	Lease extension provided (TN# 250984).	See CEC Dispo sition No. 3 for Data Requ est Identifier LU- 008.	The Applicant entered into the original Option to Lease in 2012. A redacted copy is docketed as TN #250984. I ncluded as Exhibit B to this Option is a Renewable Energy Lease Agreement, which lease will become effective upon exercise of the option. Par agraph 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# 250984. The Applicant expects the landowner

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					10. Provide 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 component s would be sited or staged on the merged parcels. Describe any communications that have occurred with Shasta County regarding parcel mergers, and any requirements identified by the					to Project's denial.	deficiency letter for Fountain 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,	n or operation of the proposed project.				will extend the lease term to allow a full 35 years of operations once the CEC approves the project.

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					County to approve a parcel merger. 12. Identify any recorded restrictions on the project site that preclude developme nt, and identify which parcels these restrictions apply to.						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 the terms of the lease. This item is important for ensuring site control by the Applicant. Regarding the Applicant. Regarding the Applicant to Item No. 12, parcel legality and site control are important issues. The					

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											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 encumbran ces or deed restrictions associated with each parcel upon which the Project would be sited.					

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PO-018	Deficiency Letter Matrix	Project Overview	Salyphone Ng Kerr	Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) of each proposed transmissio n line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmissio n 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.	11-May and 21-Jul	The Project does not propose to construct any new high voltage transmissio n lines. By definition, Transmissi on 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 undergroun d. 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	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 Clluster 8 Phase II Study. Please resubmit response.	The Fountain Wind Substation is sited directly adjacent to the proposed Switching Station and Point of Interconnec tion, which is accurately referenced in the Project Description and previously provided KMZs. Fou ntain 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				

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										existing transmissio n lines within one mile of the proposed overhead collector line.		the Figure 1-2 Drawing. T he inconsisten cy is irrelevant to the results of the study, and the Project Description should be referenced for the accurate location information.				

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SOC-013	Deficiency Letter Matrix	Socioecono mics	Allen Kaufman Kerr	Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water, and waste) and public services, including fire, law enforcemen t, emergency response, medical facilities, other assessmen t districts, and school districts. Include response times to hospitals and for police, and emergency services. For projects outside metropolita n 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	TN 248288-3: DEIR Intro Environme ntal Analysis; pages 22-26 TN 248322: Executive Summary and Project Description; page 15 TN 248288-17: DEIR Utilities and Service Systems; pages 3.15-2, 3.15-9	No	Please provide current response times to hospitals and for police and emergency services. Please provide a discussion with level of detail similar to that provided for utilities for the response times for fire protection, law enforcemen t, and medical facilities. Please include a discussion of the potential impacts.	6/2/2023 and 29-Jun and 3-Jul and 5-Jul and 10-Jul and 21-Jul	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 approximat ely 30 minutes in outlying areas of the county (https://ww w.shastaco unty.gov/sit es/default/fi les/fileattac hments/sha sta_county _fire/page/4 339/2021_a nnual_repo rt.pdf).	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 (g)(7)(A)(v). The link provided to the 2021 Annual Report states that ambulance response time is approximat ely 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 servicesCurrent response times for fire services.	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 Department s 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	The response is insufficient for my analysis purposes. The 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 correspond ence" for other environmen tal documents. However, neither Applicant Reponses 1 nor 2 provide this information from other County environmen tal documents that was obtained		The response is insufficient for my analy sis purposes. The 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	See TN # 2511109

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					staffing impacts by school district during the constructio n and operating phases;						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 itIf there are Annual Reports for medical/ho spital services in Shasta County, and from the Shasta County Sheriff's Offices, please provide the most recent documents.	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 incorporate d cities and districts in Shasta County. In 2021, approximat ely one- third of the emergency calls required a response to outlying areas of the	the following: - Information contained in the above-referenced emailsCurrent response times for police/sheriff servicesCurrent response times for fire servicesIf there are Annual Reports for medical/ho		n on respo nse times for police /sherif f servic es and hospit al servic es. The specific infor matio n still need ed includ es the follow ing: § Curre nt respo nse times for police /sherif f servic es. If there are Annu al Report ts for medic al/hos pital servic es in Shast a Count	

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												County; ambulance	services in Shasta		y, and from	
												response time in	County, and from		the Shast	
												these areas	the Shasta		а	
												was approximat	County Sheriff's		Count y	
												ely 30 minutes.	Offices, please		Sherif f's	
												More	provide the		Office	
												recent information	most recent documents.		s, pleas	
												regarding	documents.		е	
												emergency service			provid e the	
												response			most	
												times is not available.			recen	
															docu	
												The Sheriff's			ments	
												Office does			§ For	
												not provide an annual			respo nse	
												report or			time	
												other similar			data provid	
												publications			ed by	
												discussing			Burne	
												response times.			y Fire Prote	
															ction Distri	
												The County itself did			ct,	
												not describe			Shast a	
												specific			Count	
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												area in its EIR for the			and Burne	
												Project.			y Fire	
												Other County			Depar tment	
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												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 correspond ence. 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 n from Shasta County, the Applicant has also provided CEC staff with contact information for the			recor d of conve rsatio n that includ es the name , date, time, phon e numb er, and summ ary of call.	

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												County planning staff (including emails and telephone numbers) for purposes of CEC coordinatio n.				