

DOCKETED

Docket Number:	23-OPT-01
Project Title:	Fountain Wind Project
TN #:	250916
Document Title:	soc_fwp_soc_responses_2023-0703
Description:	N/A
Filer:	Caitlin Barns
Organization:	Stantec Consulting Services, Inc.
Submitter Role:	Applicant Consultant
Submission Date:	7/3/2023 10:57:41 AM
Docketed Date:	7/3/2023

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-001	Deficiency Letter Matrix	Socioeconomics	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 construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	TN 248292-2: Economic and Public Revenue Impact Study; pages 2-4 (Tables 4 and 5) TN 248293-2: CEQA Staff Report; pages 1-3, 8-10 TN 248288-17L: DEIR Utilities and Service Systems; page 12	No	Please provide the cumulative impact assessment for population/housing, recreation, and public services. A discussion of the cumulative impacts for Utilities and Service Systems has been provided. Please provide similar detail for cumulative analyses of other socioeconomic 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	As discussed in Section 3.1.4, Environmental Considerations Unaffected by the Project or Not Present in the Project Area, of the EIR, the project would have no impact on population and housing, public services, or recreation. Where the project would cause no impact to a resource, it would not cause or contribute to any cumulative impact to such resources. Therefore, there would be no cumulative impact to population and housing, public services, or recreation because the Project does not propose to add permanent population; rather, the workers coming into the region for construction will be in the area only temporarily and Project operations will employ up to 12 permanent workers. The Applicant was able to identify a single project subject to CEQA on the Shasta County website (Crystal Creek Aggregate Expansion Project). The Applicant requested additional information from Shasta County in an email to Paul Hellman at the Shasta County Planning Division on	TN 248288-3 (Section 3.1.4 of the EIR, Environmental Considerations Unaffected by the Project or Not Present in the Project Area) is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(1). The DEIR is outdated and based on baseline assumptions to a previous version of the Project. Per the Warren-Alquist Act Siting Regulation Appendix B (g)(1), the Applicant must "...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation." TN250344 (Socioeconomics response memo) states there will be a peak of 200 workers/month during the construction phase. Activities during this period may change the demands on public services to the area. TN250344 also states, "The portion of the construction and operational workforce which would be nonlocal is unknown at this time and is dependent on the available local workforce at the time of construction and operations." The specific information still needed includes the following: - A discussion of the cumulative impacts based on the most up to date assumptions in the current/finalized (i.e., number of turbines, site configuration, site boundary) Project description. - Documentation of follow-up attempts (i.e., attempts to outreach by phone), if any, to reach Paul Hellman of Shasta County Planning. Please	The Project would have no impact, and therefore no cumulatively considerable impact, on population and housing, public services, or recreation at either the 72-turbine layout or the 48-turbine layout because the individuals who will be working on the project are either already based in Shasta County, or, will be coming into the region for construction and will be in the area only temporarily. The number of construction workers temporarily in the area is not expected to have any significant impact on housing. They will not displace permanent residents and are instead likely to stay in transient housing such as hotels, motels and/or recreational vehicles in campgrounds. These temporary construction workers are not likely to create significant (the threshold under CEQA) new demand for public services in terms of fire, police, or medical services. New permanent employees (up to 10) are also not likely to create a significant new demand for public services. There is also no evidence that baseline socioeconomic conditions related to housing, population and public services have significantly changed since the County prepared its EIR. The Applicant request that the CEC staff provide evidence that baseline socioeconomic conditions are "outdated" as stated in the data request. The Applicant's attempts to contact Mr. Hellman were provided as TN# 250436. Should CEC staff want additional confirmation from

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
										April 18, 2023 (TN# 250436). No response was received.	provide Mr. Hellman's contact information.	Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-004	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	TN 248288-3 : DEIR Intro Environmental Analysis; page 21 TN 248320-2: Figure – Disadvantaged Communities	No	Please provide discussion of demographic and community trends, including the following: * Provide the low-income population percentage living in the county and communities closest to project site. * Provide the minority population percentage living in the county and communities closest to project site. A figure for disadvantaged communities is provided but information on the population percentages or the number of people included in the highlighted regions is not provided. Please provide this information.	6/2/2023 and 3-Jul	Please see socioeconomics response memo (TN# 250344).	The information in TN 250344 (Socioeconomics response memo) is incomplete. There is no updated figure for TN248320-2 (Figure – Disadvantaged Communities) or explanation regarding the four disadvantaged communities in the figure (Big Bend Rancheria, Roaring Creek Rancheria, Put River Tribal Trust Lands, Montgomery Creek Rancheria). The specific information still needed includes the following: -Context or explanation for TN248320-2 (Figure – Disadvantaged Communities), including the number of people or population percentages included in the highlighted regions.	See Table 8 of the revised Economic Impact Assessment (TN# 250915) docketed July 3, 2023.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-006	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	TN 248288-3: DEIR Intro Environmental Analysis; page 21 TN 248292-2: Economic and Public Revenue Impact Study; page 7	No	Please provide information on the skilled workers by craft required for construction. Please include the specific job types and number anticipated for construction and operation. Please provide information on the county's availability for each type of skilled worker, or where this labor force is anticipated to come from and the associated commute shed for the labor force.	6/2/2023 and 3-Jul	Please see socioeconomics response memo (TN# 250344).	<p>The information submitted is incomplete. TN250344 is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(iv).</p> <p>The specific information still needed includes the following: -Clarification on where the labor force is anticipated to come from and the associated worker commuting region . This data is needed given the possibility of an influx of non-local workers leading to increased demand for public safety services (e.g., fire, police, and medical services). -The up to date number of skilled workers by craft required for construction based on the final number of turbines in Project. -Availability of skilled workers in the geographic regions that the expected labor force is anticipated to come from, if not local. This data is needed for an analysis of the project's potential labor impact on regions beyond Shasta County.</p>	<p>Table 6 of Appendix B (PDF p. 31) of the Socioeconomics Technical Memorandum (TN# 250915) indicates that there are approximately 4,715 members of the construction labor force in Shasta County. It is anticipated that the labor force required for the project, up to 142 total FTE construction workers at peak construction per Table 5 of Appendix B of the Socioeconomics Technical Memorandum (TN# 250915), would be sourced from Shasta County. It is anticipated that the majority of these workers will be sources from Shasta County. If the Shasta County construction labor force is not able to meet the needs of the Project over construction, then individuals from the pool of labor that is part of the Northeastern California Building & Construction Trade Council would likely be used. At this time, it is not possible to know with certainty where construction workers would be drawn from but given the relatively large pool in Shasta County, it is not anticipated that many will come from outside the County. However, if some construction workers come from outside the County, their temporary presence in the County is not anticipated to create significant new demand for public services in terms of fire, police, or medical services. New permanent employees (up to 10) are also not likely to create a significant new demand for public services.</p> <p>Table 4 in the Socioeconomics Technical Memorandum (TN# 250915)</p>

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
												<p>outlines the number of skilled workers by craft required for construction. Crafts include electricians, laborers, carpenters and heavy equipment operators. The final number of turbines will be determined closer to construction based on availability of turbines technology and cost. The maximum number of turbines that could be used is 48. Final selection of turbines nearer to construction is commonplace in the industry.</p>

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-007	Deficiency Letter Matrix	Socioeconomics	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 enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes for the duration of the project schedule.	TN 248288-3: DEIR Intro Environmental 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/capacities/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 enforcement, and medical facilities.	6/2/2023 and 30-Jun and 3-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/ability to meet those goals while maintaining public safety. Please contact service providers and obtain this information.	<p>On June 19, 2023, the Applicant searched for publicly available information on the County's website, including respective websites for the Fire Department and Sheriff's Office, regarding response times for fire, police, and emergency services. Neither the County nor the Fire and Police Departments provide public documents discussing response times. The Fire Department provides a link to its 2021 Annual Report; however, more recent versions are not available. The 2021 Annual Report describes department facilities and incidents, but it does not provide average response times or response time goals. CALFIRE's 2022 Shasta Trinity Unit Strategic Fire Plan also does not provide average response times for fire services.</p> <p>According to the Fire Department's website, the Fire Department is responsible for all medical aid incidents outside of incorporated cities and districts in Shasta County. In 2021, approximately one-third of the emergency calls required a response to outlying areas of the County; ambulance response time in these areas was approximately 30 minutes. More recent information regarding emergency service response times is not available.</p> <p>The Sheriff's Office does not provide an annual report or other similar publications discussing response times.</p> <p>The County itself did not describe specific response times for the local fire</p>

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
												<p>agencies serving the area in its EIR for the Project. Other County environmental documents for pending or past projects similarly do not provide general response times for fire, police, or emergency services. Rather, to the extent it is provided, response time information was received from the respective service by email correspondence. On May 17, 2023, the Applicant contacted the Fire Department and Sheriff's Office for relevant information but has not received a response. Should CEC staff want additional confirmation from Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination.</p>

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-008	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing and current vacancy rate; and	TN 248288-3: DEIR Intro Environmental Analysis; page 21	No		6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	<p>The information submitted is incomplete. TN250344 is not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(v). SOC-007 was not included in the Socioeconomics memo.</p> <p>Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified).</p> <p>TN250497 and TN250498. provide temporary housing information but not permanent. The specific information still needed includes the following:</p> <ul style="list-style-type: none"> -Availability permanent housing for project construction workers who will not be commuting, and operational phase workers. -Latest permanent housing (i.e., available residential real estate for purchase/rent) vacancy rate. 	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-009	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (g) (7) (B) (i)	An estimate of the number of workers to be employed each month by craft during construction, and for operations, an estimate of the number of permanent operations workers during a year;	TN 248292-2: Economic and Public Revenue Impact Study; pages 2, 4, 7 TN 248288-3: DEIR Intro Environmental Analysis; page 21 TN 248322: Executive Summary and Project Description; page 12-13	No	Please clarify the estimated number of workers to be employed during construction and by year during operations. Please provide the number of operation-related jobs (several different numbers such as 8, 12, or 42 have been provided in different docketed files). Table 1 in the Economic and Public Revenue Impact Study assumes that there will be 42 annual operations jobs. However, page 4 estimates 8 full-time employees throughout the project lifetime. Page 13 of the Executive summary and project description states the project operation would require up to 12 full-time employees. Page 4 of the Economic and	6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	TN 250344 (Socioeconomics response memo) is partially responsive, but insufficient for my analysis purposes. The analysis in the memo is based on a number of turbines that may not reflect the current Project description that needs to be analyzed by Staff. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). The Applicant has provided inconsistent project description data in multiple docket filings. Finalized project description data on the exact number of turbines, proposed project configuration including the number and location of structures, and the project site boundary are still needed. The number of construction and operation workers is dependent on the finalized project description. The specific information still needed includes the following: -Accurate number of workers to be employed during construction and by year during operations with the current assumption of exact number of turbines.	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
								Public Revenue Impact Study states there will be a peak of 200 workers/month and an average of 71 full time workers each year during the construction phase. Page 12 of the Executive Summary and Project Description states that the project would require up to 400 workers. Please include the estimated number of workers by month and specific craft to be employed each month during construction and by year during operations.				

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-013	Deficiency Letter Matrix	Socioeconomics	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 enforcement, emergency response, medical facilities, other assessment districts, and school districts. Include response times to hospitals and for police, and emergency services. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operating phases;	TN 248288-3: DEIR Intro Environmental 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 enforcement, and medical facilities. Please include a discussion of the potential impacts.	6/2/2023 and 29-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 was approximately 30 minutes in outlying areas of the county (https://www.shastacounty.gov/sites/default/files/fileattachments/shasta_county_fire/page/4339/2021_annual_report.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 approximately 30 minutes in outlying areas of the county. The specific information still needed includes the following data for public safety analyses: -Current response times for police/sheriff services. -Current response times for fire services. -Clarification on whether the 2021 Annual Report for Fire/EMS is the most recent document. If a 2022 Annual Report is now available, please provide it. -If there are Annual Reports for medical/hospital services in Shasta County, and from the Shasta County Sheriff's Offices, please provide the most recent documents.	On June 19, 2023, the Applicant searched for publicly available information on the County's website, including respective websites for the Fire Department and Sheriff's Office, regarding response times for fire, police, and emergency services. Neither the County nor the Fire and Police Departments provide public documents discussing response times. The Fire Department provides a link to its 2021 Annual Report; however, more recent versions are not available. The 2021 Annual Report describes department facilities and incidents, but it does not provide average response times or response time goals. CALFIRE's 2022 Shasta Trinity Unit Strategic Fire Plan also does not provide average response times for fire services. According to the Fire Department's website, the Fire Department is responsible for all medical aid incidents outside of incorporated cities and districts in Shasta County. In 2021, approximately one-third of the emergency calls required a response to outlying areas of the County; ambulance response time in these areas was approximately 30 minutes. More recent information regarding emergency service response times is not available. The Sheriff's Office does not provide an annual report or other similar publications discussing response times. The County itself did not describe specific response times for the local fire

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
												<p>agencies serving the area in its EIR for the Project. Other County environmental documents for pending or past projects similarly do not provide general response times for fire, police, or emergency services. Rather, to the extent it is provided, response time information was received from the respective service by email correspondence. On May 17, 2023, the Applicant contacted the Fire Department and Sheriff's Office for relevant information but has not received a response. Should CEC staff want additional confirmation from Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination.</p>

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-015	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and separate estimates of the total operation payroll for permanent and short-term (contract) operations employees;	TN 248292-2: Economics Memo; page 2 (Table 1), Table A-3	No	<p>Please confirm if the estimate of construction payroll and operation payroll is based on the correct number of workers.</p> <p>Table 1 in the Economic and Public Revenue Impact Study assumes that there will be 42 annual operations jobs. However, page 4 estimates 8 full-time employees throughout the project lifetime. Page 13 of the Executive summary and project description states the project operation would require up to 12 full-time employees. Page 4 of the Economic and Public Revenue Impact Study states there will be a peak of 200 workers/month and an average of 71 full time workers each year during the</p>	6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	<p>TN 250344 (Socioeconomics response memo) is responsive, but insufficient for my analysis purposes. The analysis in the memo is based on a number of turbines that may not reflect the current Project description. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). The Applicant has provided inconsistent project description data in multiple docket filings. Finalized project description data on the exact number of turbines, proposed project configuration including the number and location of structures, and the project site boundary are still needed. The number of construction and operation workers is dependent on the finalized project description.</p> <p>The specific information still needed includes the following: -Accurate construction payroll and operation payroll with the current assumption of employees based on the Project's final number of turbines.</p>	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
								<p>construction phase. Page 12 of the Executive Summary and Project Description states that the project would require up to 400 workers.</p>				

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-017	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (g) (7) (B) (ix)	An estimate of the capital cost (plant and equipment) of the project;	No docketed files provided	No	Please provide an estimate of the capital cost (plant and equipment) of the project.	6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	TN 250344 (Socioeconomics response memo) is responsive, but insufficient for my analysis purposes. The analysis in the memo is based on a number of turbines that may not reflect the current Project description. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). The Applicant has provided inconsistent project description data in multiple docket filings. Finalized project description data on the exact number of turbines, proposed project configuration including the number and location of structures, and the project site boundary are still needed. The specific information still needed includes the following: -Estimate of the capital cost based on the Project's final number of turbines.	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-020	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (g) (7) (B) (xii)	The expected direct, indirect, and induced income and employment effects due to construction, operation, and maintenance of the project.	TN 248292-2: Economics Memo; page 2 (Table 1), page 7 (Tables 4 and 5)	No	Please confirm that the model used to predict the expected direct, indirect, and induced income and employment effects due to construction, operation, and maintenance of the project is based on the correct employment assumptions. Table 1 in the Economic and Public Revenue Impact Study assumes that there will be 42 annual operations jobs. However, page 4 and Table 5 estimate 8 full-time employees throughout the project lifetime. Page 13 of the Executive summary and project description states the project operation would require up to 12 full-time employees. Page 4 of the Economic and Public Revenue	6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	TN 250344 (Socioeconomics response memo) is responsive, but insufficient for my analysis purposes. The analysis in the memo is based on a number of turbines that may not reflect the current Project description. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). The Applicant has provided inconsistent project description data in multiple docket filings. Finalized project description data on the exact number of turbines, proposed project configuration including the number and location of structures, and the project site boundary are still needed. The specific information still needed includes the following: -Estimate of the expected direct, indirect, and induced income and employment effects due to construction, operation, and maintenance of the project based on the Project's final number of turbines.	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
								Impact Study states there will be a peak of 200 workers/month and an average of 71 full time workers each year during the construction phase. Page 12 of the Executive Summary and Project Description states that the project would require up to 400 workers.				

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC-021	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	TN 248290: Labor Regs Consistency Matrix	No	The Law, Ordinance, Regulation, or Standard Consistency Matrix (TN 248290) does not identify the specific Shasta County Code ordinances or standards that are applicable during construction and operation of the proposed facility.	4/12/2023 and 30-Jun and 3-Jul	Updated LORS Consistency Matrix (TN# 249636) and General Plan Consistency Matrix (TN# 249635) were provided on April 12, 2023.	The information submitted is incomplete. The specific information still needed is details on project description, labor requirements, and applicable LORS. Note that TN# 249636 and TN# 249635 does not include any of the required Warren-Alquist Act DA items identified under Socioeconomics.	Please see the updated LORS matrix (TN# 250791).
SOC-024	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Kerr	Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not specified	No	Please provide schedule for obtaining permits. The "List of Potential Permits and Status" provided in Table 3 does not identify the steps involved or the schedule for obtaining the permits that are outside the authority of the commission.	3-Apr and 27-Jun and 3-Jul	Table of applicable permits, agency contact information, and the schedule to obtain legally binding enforceable agreement(s) with community-based organizations and/or permitting entities was submitted on April 3, 2023 (TN# 249533).	The information submitted is incomplete. Applicant has not indicated if this list of permits has been confirmed by Shasta County. Per Land Use staff's call with the Applicant on April 17, 2023 at 11:00 a.m. and the associated follow-up detailed clarifications sent on Tuesday April 18, 2023 via email from Tatiana Inouye to Leonidas Payne, this information is needed to complete the analysis. Land Use staff will have to conduct detailed coordination with Shasta County Planning throughout the Staff Assessment preparation.	The Applicant submitted a table of discretionary reviews/permits by public agencies as TN# 249533 on April 3, 2023. AB 205 and Appendix B do not require that the local governmental agency that would have had jurisdiction over the project (here Shasta County) confirm the completeness of the list. Nonetheless, the Applicant has provided CEC staff with Shasta County's complied list of required discretionary permits from the County's 2021 EIR. See Table 2-8 in TN# 248288-2. Should CEC staff want additional confirmation from Shasta County planning staff, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination. To date, the County has not responded to Applicant's requests for information on any topic (see LU2-01).

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC2-005	Attachment B Addendum	Socioeconomics	Not specified	Not specified	5. Please provide information on the skilled workers by craft required for construction. Please include the specific job types and number of workers anticipated on average over the entire construction period, and during the peak construction phase.	Not specified	No	Not specified	6/2/2023 and 3-Jul	Please see socioeconomics response memo (TN# 250344).	The information submitted is responsive, but insufficient for my analysis purposes. See disposition response for SOC-006.	See response to SOC-006.
SOC2-006	Attachment B Addendum	Socioeconomics	Not specified	Not specified	6. Please provide information on the skilled workers by craft required for operation of the project. Please include the specific job types and number of workers.	Not specified	No	Not specified	6/2/2023 and 3-Jul	Please see socioeconomics response memo (TN# 250344).	The information submitted is incomplete. See disposition response for SOC-006.	See response to SOC-006.
SOC2-007	Attachment B Addendum	Socioeconomics	Not specified	Not specified	7. Please state the portion of the construction and operation workforce which the applicant anticipates would be local (i.e., from Shasta County), and the expected nonlocal portion.	Not specified	No	Not specified	6/2/2023 and 3-Jul	Please see socioeconomics response memo (TN# 250344).	The information submitted is incomplete. See disposition response for SOC-006.	See response to SOC-006.
SOC2-008	Attachment B Addendum	Socioeconomics	Not specified	Not specified	8. Please provide availability for each type of skilled worker in Shasta County, or where this labor force is anticipated to come from and the associated commute shed (i.e., exceeding a 2-hour commute shed) for Fountain Wind's non-local workers. Please include this information separately for both construction and operation.	Not specified	No	Not specified	6/2/2023 and 3-Jul	Please see socioeconomics response memo (TN# 250344).	The information submitted is incomplete. See disposition response for SOC-006.	See response to SOC-006.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC2-009	Attachment B Addendum	Socioeconomics	Not specified	Not specified	9. Please provide information on the availability of each type of skilled worker in the areas where the labor force is expected to originate.	Not specified	No	Not specified	6/2/2023 and 3-Jul	Please see socioeconomics response memo (TN# 250344).	The information submitted is responsive, but insufficient for my analysis purposes. See disposition response for SOC-006.	See response to SOC-006.
SOC2-014	Attachment B Addendum	Socioeconomics	Not specified	Not specified	14. Please provide the response time goals and the capacities/ability to meet those public safety response goals for all local agencies providing services to the project pertaining to fire protection, law enforcement, and medical facilities. Please include current response times and other relevant metrics. This information can be provided in tabular format for all applicable agencies that 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.	<p>On June 19, 2023, the Applicant searched for publicly available information on the County's website, including respective websites for the Fire Department and Sheriff's Office, regarding response times for fire, police, and emergency services. Neither the County nor the Fire and Police Departments provide public documents discussing response times. The Fire Department provides a link to its 2021 Annual Report; however, more recent versions are not available. The 2021 Annual Report describes department facilities and incidents, but it does not provide average response times or response time goals. CALFIRE's 2022 Shasta Trinity Unit Strategic Fire Plan also does not provide average response times for fire services.</p> <p>According to the Fire Department's website, the Fire Department is responsible for all medical aid incidents outside of incorporated cities and districts in Shasta County. In 2021, approximately one-third of the emergency calls required a response to outlying areas of the County; ambulance response time in these areas was approximately 30 minutes. More recent information regarding emergency service response times is not available.</p>

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
												<p>The Sheriff's Office does not provide an annual report or other similar publications discussing response times.</p> <p>The County itself did not describe specific response times for the local fire agencies serving the area in its EIR for the Project. Other County environmental documents for pending or past projects similarly do not provide general response times for fire, police, or emergency services. Rather, to the extent it is provided, response time information was received from the respective service by email correspondence. On May 17, 2023, the Applicant contacted the Fire Department and Sheriff's Office for relevant information but has not received a response. Should CEC staff want additional confirmation from Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination.</p>

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC2-017	Attachment B Addendum	Socioeconomics	Not specified	Not specified	17. Please provide the direct, indirect, and induced impacts of the proposed project and provide updated and/or correct numbers and assumptions (in Tables 1, 4, and 5 in the Economic Impact Study) of construction and operations workers.	Not specified	No	Not specified	6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	TN 250344 (Socioeconomics response memo) is responsive, but insufficient for my analysis purposes. The analysis in the memo is based on a number of turbines that may not reflect the current Project description. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). The specific information still needed includes the following: -Estimate of the expected direct, indirect, and induced income and employment effects due to construction, operation, and maintenance of the project based on the final number of turbines that are part of the Project.	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2
SOC2-018	Attachment B Addendum	Socioeconomics	Not specified	Not specified	18. Please provide an estimate of the total construction payroll and separate estimates of the total operation payroll for permanent and short-term (contract) operations employees.	Not specified	No	Not specified	6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	TN 250344 (Socioeconomics response memo) is responsive, but insufficient for my analysis purposes. The analysis in the memo is based on a number of turbines that may not reflect the current Project description. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). The specific information still needed includes the following: -Estimate of the total construction payroll and separate estimates of the total operation payroll for permanent and short-term (contract) operations employees of the project based on the final number of turbines that are part of the Project.	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.
SOC2-019	Attachment B Addendum	Socioeconomics	Not specified	Not specified	19. Please provide an estimate of the capital cost (plant and equipment) of the project.	Not specified	No	Not specified	6/2/2023 and 30-Jun and 3-Jul	Please see socioeconomics response memo (TN# 250344).	TN 250344 (Socioeconomics response memo) is responsive, but insufficient for my analysis purposes. See disposition response for SOC-017	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.