

DOCKETED

Docket Number:	23-OPT-01
Project Title:	Fountain Wind Project
TN #:	250880
Document Title:	soc_fwp_soc2_responses
Description:	N/A
Filer:	Caitlin Barns
Organization:	Stantec Consulting Services, Inc.
Submitter Role:	Applicant Consultant
Submission Date:	6/30/2023 2:09:02 PM
Docketed Date:	6/30/2023

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-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	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.	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 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

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>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	Please see socioeconomics response memo (TN# 250344).	The information submitted is incomplete. TN250344 is not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(v). SOC-007 was not included in the Socioeconomics memo. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). TN250497 and TN250498. provide temporary housing information but not permanent. The specific information still needed includes the following: -Availability permanent housing for project construction workers who will not be commuting, and operational phase workers. -Latest permanent housing (i.e., available residential real estate for purchase/rent) vacancy rate.	The statistics outlined in the socioeconomics response memo (TN# 250344) 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 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.	6/2/2023 and 30-Jun	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# 250344) 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-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. 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 construction phase. Page 12 of the Executive Summary and Project Description states that the project would require up to 400 workers.</p>	6/2/2023 and 30-Jun	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. 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# 250344) 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-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	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 specific information still needed includes the following: -Estimate of the capital cost based on the Project's final number of turbines.</p>	The statistics outlined in the socioeconomics response memo (TN# 250344) 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	<p>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 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.</p>	6/2/2023 and 30-Jun	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 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.</p>	<p>The statistics outlined in the socioeconomics response memo (TN# 250344) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.</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-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.	12-Apr and 30-Jun	Updated LORS Consistency Matrix (TN# 249636) and General Plan Consistency Matrix (TN# 249635) were provided on April 12, 2023.	The information submitted is incomplete. The specific information still needed is details 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).

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
SOC2-014	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	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> <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</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>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	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# 250344) 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	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# 250344) 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	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# 250344) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.