ENERGIA SIERRA JUAREZ (ESJ)
U.S. TRANSMISSION GEN-TIE PROJECT
SAN DIEGO COUNTY MAJOR USE PERMIT APPLICATION
CASE Number: MUP 09-008, KIVA PROJECT: 09-0107420

Response to July 15, 2009 Request for Information
CPUC CHECKLIST

SUMMARY

Energia Sierra Juarez U.S. Transmission, LLC (ESJ U.S.) proposes to interconnect new renewable wind power in Northern Baja Mexico into the existing Southwest Powerlink (SWPL) Transmission Line in the United States. ESJ U.S. has requested a Major Use Permit (MUP) from the County of San Diego Department of Planning and Land Use (DPLU) for the construction, operation, and maintenance of a less than one mile segment of an "electric generator-tieline" in Eastern San Diego County. The proposed Sierra Juarez U.S. Generator Tie project (ESJ Gen-Tie Project) will consist of three to five latter towers or steel monopoles. The ESJ Gen-Tie would have the capacity to import up to 1250 MW of renewable energy generated in Northern Baja California, Mexico. The proposed Gen-Tie would transmit only renewable energy.

The ESJ Gen-Tie project will interconnect to the SWPL at a proposed SDG&E East County (ECO) substation. The ECO substation will be subject to review and approval by the California Public Utility Commission (CPUC). CPUC and the DPLU have identified the ESJ Gen-Tie project as a connected action to the ECO substation that should be analyzed in the CPUC environmental document. Therefore, the DPLU has requested that ESJ U.S. submit information following the *Working Draft Proponents Environmental Assessment (PEA) Checklist* to facilitate the CPUC environmental review of the ESJ Gen-tie Project. DPLU specifically stated that the information should focus on Chapter Five (5) which emphasizes the Environmental Assessment Summary. The DPLU will still be responsible for the final environmental review and the granting of the MUP for the ESJ Gen-Tie project, although it is anticipated that they will be able to substantially rely upon the CPUC environmental document.

Table 1 contains a list of the Chapter Five, Environmental Impact Assessment Summary requirements. To the extent possible, ESJ U.S. proposes to utilize information that has already

been developed for the MUP Application. Therefore, Table 1 directs the reader to where Chapter Five information may be found in the ESJ MUP Application.

Key documents that should be provided to the CPUC include the following:

1) ESJ U.S. Transmission Gen-Tie Project Amended Project Description (CPUC Checklist Attachment A)
2) Application for an Environmental Initial Study filed with the County of San Diego June 2009 (CPUC Checklist Attachment B)
3) Biological Resource Report for the Proposed ESJ U.S. Gen-Tie Line Project (CPUC Checklist Attachment C)
4) Archaeological and Historical Investigations for the Proposed ESJ U.S. Gen-Tie Line Project (CPUC Checklist Attachment D)
5) CONFIDENTIAL Appendix Archaeological and Historical Investigations for the Proposed ESJ U.S. Gen-Tie Line Project (CPUC Checklist Attachment E)
6) Visual Analysis (CPUC Checklist Attachment F)
7) Audible Noise Performance Analysis (CPUC Checklist Attachment G)
8) Fire Protection Plan (CPUC Checklist Attachment H)
9) Air Emission Calculation (CPUC Checklist Attachment I)
10) Phase I Environmental Site Assessment (CPUC Checklist Attachment J)

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CPUC Chapter 5 Checklist

Issue Area	Summary of Issue	Notes
5.0 Environmental Impact Assessment Summary		
5.1 Aesthetics	• Provide visual simulations of prominent public view locations. Simulations of private view locations are highly recommended.	Refer to Attachment F, visual analysis
5.2 Agricultural Resources	• Identify types of agricultural resources affected.	No agricultural resources affected. Refer to Attachment B, Application for an Environmental Initial Study
5.3 Air Quality	• Provide technical info to support emission estimates. • Documentation of location and types of sensitive receptors. • Identify Project Greenhouse Gas (GHG) emissions (quantify emissions without mitigation, emissions reduction, net emissions, construction and operation emissions, and reduction in emissions). Propose mitigation measures and discuss programs in place to reduce emissions. • Assessment of AQ impacts must be consistent with Sections 3.7.5 and 3.7.6 as well as analysis of impacts during construction.	Emissions calculations for construction activities are provided, refer to Attachment I, Air Quality Study. There are minimal air emissions associated with fugitive dust from unpaved roads during periodic operational maintenance activities.
5.4 Biological Resources	• Provide a copy of the Wetland Delineation report and supporting documentation and GIS data. • Provide a copy of special status surveys for wildlife, botanical and aquatic species, and GIS data.	There are no jurisdictional waters or wetlands impacted by the ESJ Gen-Tie Line. Refer to Attachment C, Biological Resource Report. Special status surveys are also addressed in Attachment C.
5.5 Cultural Resources	• Provide a cultural resources report. • Provide a copy of the records found in literature search. • Provide copy of letters and documentation of Native American consultation.	Refer to Attachment D and E, for information on cultural resources. Native American Consultation has been initiated through the ESJ Gen-Tie Department of Energy Presidential Permit Process.
5.6 Geology, Soils, and Seismic Potential	• Provide a copy of the geotechnical investigation.	Site specific geotechnical studies have not been completed. Refer to Attachment B, Application for an Environmental Initial Study for general information on geology, soils and seismic potential.

5.7 Hazards and Hazardous Materials	Provide a copy of: • Environmental Data Resources report, • Hazardous Substance Control and emergency Response Plan, • Health and safety Plan, • Workers Environmental Awareness Program, and • Describe type of chemicals to be used during construction and operation.	Refer to Attachment J, Phase I Site Assessment, which includes n Environmental Data Resources report. During construction the chemicals used will consist of fuel and lube oils for vehicles and equipment. Minimal solvents may be used. Acetylene and Oxygen will be used for welding. No chemicals will be kept onsite during operation. A Health and Safety Plan and Workers Environmental Awareness Plan will be developed in the future by the Construction Contractor. It is anticipated that these types of plans would not be required for the operation of the Gen-tie.
5.8 Hydrology and Water Quality	• Describe impacts to groundwater • Describe impacts to surface water quality	Refer to Attachment B, Application for an Environmental Initial Study and Attachment B, Biological Resources Report.
5.9 Land Use and Planning	• Provide GIS data of all parcels within 300 feet of the proposed project with APN, mailing address, and parcels physical address.	Refer to Attachment K, Public Notice Certification.
5.10 Mineral Resources	• Data needs from Chapter 3 meet the needs for this resource.	The project would not use or impact mineral resources.
5.11 Noise	• Long term noise estimates for operational noise.	Refer to Attachment G, Audible Noise Performance Analysis
5.12 Population and Housing	• Data needs from Chapter 3 meet the needs for this resource.	Refer to Attachment B, Application for an Environmental Initial Study
5.13 Public Services	• Data needs from Chapter 3 meet the needs for this resource.	Refer to Attachment B, Application for an Environmental Initial Study
5.14 Recreation	• Data needs from Chapter 3 meet the needs for this resource.	Refer to Attachment B, Application for an Environmental Initial Study
5.15 Transportation and Traffic	• Discuss construction related traffic impacts including ongoing maintenance. • Provide a preliminary description of Traffic Management Plan.	Refer to Attachment B, Application for an Environmental Initial Study and Attachment A, Amended Project Description. A traffic management Plan is not proposed at this time.
5.16 Utilities and Services Systems	• Describe how treated wood piles would be disposed of after removal, if applicable.	N/A

5.17 Cumulative Analysis	• Provide cumulative projects list. • Provide a list of projects that have the potential to be proximate in space and time.	SDG&E ECO Substation, Iberdrola Tule Project
5.18 Growth-Inducing Impacts, If Significant	• Provide information of growth inducing impacts, if applicable.	N/A The project will not be growth inducing, it will facilitate the importation of renewable energy to displace fossil fuel fired facilities in order to meet the State's Renewable Portfolio Standard (RPS) goals.
6.0 Detailed Discussion of Significant Impacts		
6.1 Mitigation Measures Proposed To Minimize Significant Effects	• Discuss each mitigation measure and basis for selecting mitigation measure.	Refer to Attachment C, Biological Resource Report for biological resources mitigation. Refer to Attachment D and E, for information on cultural resources mitigation.
6.2 Description of Project Alternatives and Impact Analysis	• Summary of alternatives considered but not selected. • Types of alternatives may include System or facility alternatives, route alternatives, route variations, or alternative locations. • Description of No Project alternative. • Describe alternatives ability to significantly reduce environmental effects.	Alternative routes consist of a 500 kV Route A1 and 230 kV Route A2. The no project alternative was considered, but eliminated as it would not achieve the project objective. The project has already committed to significantly reduce environmental effects by minimizing the land that would be disturbed along the right-of- way.
6.3 Growth-Inducing Impacts	• Whether the project would foster economic or population growth. • Cause an increase in population that could further tax existing community service facilities. • Remove obstacles to population growth. • Encourage other facilities and activities that would cause growth.	The project will not be growth inducing, it will facilitate the importation of renewable energy to displace fossil fuel fired facilities in order to meet the State's Renewable Portfolio Standard (RPS) goals.
6.4 Suggested Applicant Proposed Measures to address GHG Emissions	• This section provides a list of potential GHG mitigation measures (see guidelines).	Minimize idling of construction equipment
7.0 Other Process-Related Data Needs	• Provide an excel spreadsheet that includes all parcels within 300 feet of the proposed project with APN, mailing address, and parcels physical address.	Refer to Attachment K, Public Notice Certification. Parcels within and beyond 300 feet of the project are listed.