

Project Name: Horizon West Transmission's Ironwood Transmission Line
Reviewer(s): Seth Meyers
Initial Review Date: 11/6/2025

PEA Checklist Section: 5.8 Greenhouse Gas Emissions
 ECORP Project Number: 2020-196.03

Section #	Item Description	Does the PEA include this item?			Notes	Applicant Response Date:	CPUC 2nd Review Item Resolved?		Notes	Applicant 2nd Response Date:	CPUC 3rd Review Item Resolved?	
		Yes	No	N/A			Yes	No			Yes	No
5.8.1 Environmental Setting												
5.8.1.1	GHG Setting. Provide a description of the setting for greenhouse gases (GHGs). The setting should consider any GHG emissions from existing infrastructure that would be upgraded or replaced by the Proposed Project.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	An environmental setting for GHG emissions is provided on pages 5.8-1 through 5.8-2. The Proposed Project would not replace or upgrade an existing facility but would connect two existing substations with new transmission lines. Therefore, there are no existing GHG emissions associated with the Proposed Project.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.8.2 Regulatory Setting												
5.8.2.1	Regulatory Setting. Identify applicable federal, state, and local laws, policies, and standards for greenhouse gases.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A regulatory setting for GHG emissions is provided on pages 5.8-2 through 5.8-7.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.8.3 Impact Questions												
5.8.3.1	Impact Questions. The impact questions include all greenhouse gas impact questions in the current version of CEQA Guidelines, Appendix G.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The appropriate impact questions are included.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.8.3.2	Additional CEQA Impact Question: None	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.8.4 Impact Analysis												
5.8.4.1	Impact Analysis. Provide an impact analysis for each checklist item identified in CEQA Guidelines Appendix G for this resource area and any additional impact questions listed above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	An impact analysis for each checklist item has been prepared.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
<i>The following information will be included in the impact analysis:</i>												
5.8.4.2	GHG Emissions. Provide a quantitative assessment of GHG emissions for construction and operation and maintenance of the Proposed Project. Provide model results and all model files. Modeling will be conducted using the latest version of the emissions model at the time of application filing (e.g., most recent version of CalEEMod).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Model files have been provided.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
	GHG emissions will be provided for the following conditions:											
	a) Uncontrolled emissions (before APMs are applied)				See Comment in Air Quality spreadsheet under Section 5.3.4.2 (comment starts with "The third paragraph on Page 5.3-15...") regarding the emission factors and methodology to quantify Project helicopter emissions and apply it to the first paragraph under the "5.8.4.1.1 Greenhouse Gas Methodology" header on page 5.8-8. See Comment in Air Quality spreadsheet under Section 5.3.4.2 (comment starts with "A review of Appendix B, Emissions Calculations, shows that...") regarding the disclosure of the use of EMFAC2021 to calculate on-road mobile emissions and apply it to the first paragraph under the "5.8.4.1.1 Greenhouse Gas Methodology" header on page 5.8-8.							

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		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Comment in Air Quality spreadsheet under Section 5.3.4.2(a) (comment starts with "While challenging for an 84-mile linear Project...") regarding the provision of a comprehensive description of the anticipated construction sequence, schedule, and equipment usage and apply it to the first paragraph under the "5.8.4.1.1 Greenhouse Gas Methodology" header on page 5.8-8. The narrative should clearly describe the construction parameters and assumptions applied in the emissions modeling analysis. See Comment in Air Quality spreadsheet under Section 5.3.4.2(a) (comment starts with "The first paragraph on page 5.3-25 describes...") regarding the calculation of emissions of a typical day of helicopter use.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
b) Controlled emissions considering application of APMs												
	i) Based on the modeled GHG emissions, quantify the Project's contribution to and analyze the Project's effect on climate change. Identify and provide justification for the timeframe considered in the analysis.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no applicable controlled emissions.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
	ii) Discuss any programs already in place to reduce GHG emissions on a system-wide level. This includes the Applicant's voluntary compliance with the EPA SF6 reduction program, reductions from energy efficiency, demand response, LTPP, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no applicable controlled emissions.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
	iii) For any significant impacts, identify potential strategies that could be employed by the project to reduce GHGs during construction or operation and maintenance consistent with OPR Advisory on CEQA and Climate Change.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no applicable controlled emissions.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
Natural Gas Storage												
5.8.4.3	Natural Gas Storage Accident Conditions. In addition to the requirements above, identify the potential GHG emissions that could result in the event of a gas leak.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There is no natural gas storage as part of the Project.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.8.4.4	Monitoring and Contingency Plan. Provide a comprehensive monitoring plan that would be implemented during Project operation to monitor for gas leaks. The plan should identify a monitoring schedule, description of monitoring activities, and actions to be implemented if gas leaks are observed.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There is no natural gas storage as part of the Project.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.8.5 CPUC Draft Environmental Measures												
	Greenhouse Gas Emissions Reduction During Construction. The following measures shall be implemented to minimize greenhouse gas emissions from all construction sites: - If suitable park-and-ride facilities are available in the project vicinity, construction workers shall be encouraged to carpool to the job site. - The Applicant shall develop a carpool program to the job site. On road and off-road vehicle tire pressures shall be maintained to manufacturer specifications. Tires shall be checked and re-inflated at regular intervals. - Demolition debris shall be recycled for reuse to the extent feasible. - The contractor shall use line power instead of diesel generators at all construction sites where line power is available. - The contractor shall maintain construction equipment per manufacturing specifications.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These measures were not included in the PEA; however, many of these would not be feasible for the Project.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>