

<div><div><div>Project Name:</div><div>Horizon West Transmission's Ironwood Transmission Line</div></div><div><div>Reviewer(s):</div><div>Seth Myers</div></div><div><div>Initial Review Date:</div><div>11/5/2025</div></div></div>												
<div><div>PEA Checklist Section:</div><div>5.3 Air Quality</div></div> <div><div>ECORP Project Number:</div><div>2020-196.03</div></div>												
Section #	Item Description	Does the PEA include this item?			Notes	Applicant Response	CPUC 2nd Review Item Resolved?		Notes	Applicant 2nd Response	CPUC 3rd Review Item Resolved?	
		Yes	No	N/A		Date:	Yes	No		Date:	Yes	No
5.3.1 Environmental Setting												
5.3.1.1	Air Quality Plans. Identify and describe all applicable air quality plans and attainment areas. Identify the air basin(s) for the Project Area. If the Project is located in more than one attainment area and/or air basin, provide the extent in each attainment area and air basin.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chapter 5.3 adequately identifies and describes all applicable air quality plans and attainment status for both applicable air basins on page 5.3-4.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.3.1.2	Air Quality. Describe existing air quality in the Project Area.											
	a) Identify existing air quality exceedance of National Ambient Air Quality Standards and California Ambient Air Quality Standards in the air basin.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This data is adequately provided on page 5.3-4.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
	b) Provide the number of days that air quality in the area exceeds state and federal air standards for each criteria pollutant that where air quality standards are exceeded.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This data is adequately provided in Table 5.3-2 and Table 5.3-3 on page 5.3-5.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
	c) Provide air quality data from the nearest representative air monitoring station(s).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This data is adequately provided in Table 5.3-2 and Table 5.3-3 on page 5.3-5.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.3.1.3	Sensitive Receptor Locations. Identify the location and types of each sensitive receptor locations within 1,000 feet of the Project Area. Provide GIS data for sensitive receptor locations. Sensitive Receptor locations may include hospitals, schools, and day care centers, and such other locations as the air district board or California Air Resources Board may determine (California Health and Safety Code § 42705.5(a)(5)).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No GIS data was received. Revise Table 5.3-4 to (1) include the street name for each identified sensitive receptor location and (2) assign a unique receptor identification number. Update Figure 5.3-1 accordingly to display the corresponding receptor numbers.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.3.2 Regulatory Setting												
5.3.2.1	Regulatory Setting. Identify applicable federal, state, and local laws, policies, and standards regarding air quality.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This information is adequately provided on pages 5.3-8 through 5.3-12.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.3.2.2	Air Permits. Identify and list all necessary air permits.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This information is adequately provided on page 5.3-12.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.3.3 Impact Questions												
5.3.3.1	Impact Questions. The impact questions include all air quality 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"/>
5.3.3.2	Additional CEQA Impact Questions: None.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
5.3.4 Impact Analysis												
5.3.4.1	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"/>
The following information will be presented in the PEA or a technical Appendix to support the air quality impact analysis:												
5.3.4.2	Air Quality Emissions Modeling. Model project emissions using the most recent version of CalEEMod and/or a current version of other applicable modeling program.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The most recent version of CalEEMod was employed.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
	Provide all model input and output data sheets in Microsoft Excel format to allow CPUC to evaluate whether Project data was entered into the modeling program accurately. The assumptions used in the air quality modeling must be consistent with all PEA information about the Project's schedule, workforce, and equipment.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The third paragraph on Page 5.3-15 states that the Swiss Federal Office of Civil Aviation Guidance on the Determination of Helicopter Emissions is sourced for both "emission factors and methodology" to quantify Project helicopter emissions. Since this is a unique emission source, provide such information in this paragraph. Specifically, identify (1) the type of helicopters used for modeling, (2) number of hours in flight assumed daily, and (3) number of take off/landing events assumed daily. Appendix B, Emissions Calculations, does not disclose the helicopter emission factors for the varying activities. Clearly identify the emission factors used for take off and landing events in addition to cruising in Appendix B. A review of Appendix B, Emissions Calculations, shows that EMFAC2021 was used to calculate on-road mobile emissions. Disclose this in the "Air Quality Methodology" discussion.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
	The following information will be addressed in the emissions modeling, Air Quality Appendix, and PEA:											
	a) Quantify the expected emissions of criteria pollutants from all project-related sources. Quantify emissions for both construction and operation (e.g., compressor equipment).				The third paragraph on Page 5.3-15 states that "It is anticipated that construction would involve the use of two light duty helicopters during the Conductor and Wires Installation construction phase, as well as the use of one heavy duty helicopter during the Structure Installation construction phases. While it is unlikely that the use of all three helicopters (two light duty and one heavy duty) would occur at the same time in the same region, it was assumed that the two light duty helicopter would operate simultaneously on any given day and be within proximity of each other (although likely spread out over a great distance across the transmission line pathway)." Amend this sentence to disclose the most conservative scenario of Project helicopter use in a single day, regardless of proximity. Update Table 5.3-8, Maximum Daily Local Construction Emissions for California Project Components, and Table 5.3-9, Annual Local Construction Emissions for Arizona Project Components accordingly. While challenging for an 84-mile linear Project, expand the fourth paragraph on page 5.3-15 to provide a comprehensive description of the anticipated construction sequence, schedule, and equipment usage. The narrative should clearly describe the construction parameters and assumptions applied in the emissions modeling analysis. □							

Checklist Section: 5.3 Air Quality												
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		Yes	No	N/A			Yes	No			Yes	No
	Dust Control During Construction. The Applicant shall implement measures to control fugitive dust in compliance with all local air district(s) standards. Dust control measures shall include the following at a minimum: - All exposed surfaces with the potential of dust-generating shall be watered or covered with coarse rock to reduce the potential for airborne dust from leaving the site. - The simultaneous occurrence of more than two ground disturbing construction phases on the same area at any one time shall be limited. Activities shall be phased to reduce the amount of disturbed surfaces at any one time. - Cover all haul trucks entering/leaving the site and trim their loads as necessary - Use wet power vacuum street sweepers to sweep all paved access road, parking areas, staging areas, and public roads adjacent to project sites on a daily basis (at minimum) during construction. The use of dry power sweeping is prohibited. - All trucks and equipment, including their tires, shall be washed off prior to leaving project sites. - Apply gravel or non-toxic soil stabilizers on all unpaved access roads, parking areas, and staging areas at project sites. - Water and/or cover soil stockpiles daily. - Vegetative ground cover shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established. - All vehicle speeds shall be limited to fifteen (15) miles per hour or less on unpaved areas. - Implement dust monitoring in compliance with the standards of the local air district. - Halt construction during any periods when wind speeds are in excess of 50 mph.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	It is noted on page 5.3-30 that any construction dust control measures required under local air district regulations will be implemented.		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>