

## Issues to be Addressed in EIR/EIS

Environmental Issue Area	Potential Issues or Impacts
Aesthetics/Visual Resources	<ul style="list-style-type: none"> <li>• Construction-related activities would result in the temporary degradation of existing visual character and quality in the project study area, including scenic vistas and other designated scenic resources.</li> <li>• Nighttime construction lighting may be used during project construction that could affect the nighttime view.</li> <li>• There may be potential conflicts associated with proposed wood to steel pole replacement with federal, state, and local plans; regulations; or standards applicable to the protection of visual resources.</li> <li>• <i>Yellow striping on new steel poles and use of reflective conductors could affect the visual character of the project area.</i></li> <li>• <i>Lighting on taller steel poles and use of colored balls on conductors, if required, could affect the visual character of the project area.</i></li> </ul>
Air Quality	<ul style="list-style-type: none"> <li>• Project construction will produce short-term air emissions (fugitive dust and vehicle equipment exhaust) and may violate air quality standards during construction.</li> </ul>
Biological Resources	<ul style="list-style-type: none"> <li>• Project construction and vegetation management activities could result in temporary and permanent loss of native wildlife and/or their habitat.</li> <li>• Loss of habitat for sensitive species designated by state and federal resource agencies.</li> <li>• Conflict with federal, state, or local policies or ordinances protecting biological resources.</li> <li>• Project construction, including use of helicopters, could impact eagles on federal and non-federal lands.</li> <li>• Project construction and maintenance could result in impacts to jurisdictional wetlands.</li> <li>• Project construction and maintenance could result in the spread of invasive species.</li> <li>• <i>Lighting if used on steel poles could affect wildlife in project area.</i></li> <li>• <i>Heavy equipment could damage root systems of older trees along alignment.</i></li> <li>• <i>Project construction could exceed take acreage allotted in the 1995 SDG&amp;E NCCP.</i></li> </ul>
Cultural and Paleontological Resources	<ul style="list-style-type: none"> <li>• Construction and operation could damage or destroy historic and archaeological sites, traditional cultural properties, or areas containing paleontological resources.</li> <li>• Temporary use of staging areas and conductor pull sites could damage or destroy historic and archaeological sites, traditional cultural properties, or areas containing paleontological resources.</li> </ul>
Greenhouse Gas Emissions	<ul style="list-style-type: none"> <li>• Construction activities would result in greenhouse gas emissions.</li> </ul>
Hazards, Hazardous Materials	<ul style="list-style-type: none"> <li>• Leaking or spilling of petroleum or hydraulic fluids from construction equipment or other vehicles during project construction, operation, or maintenance could contaminate soils, surface waters, or groundwater.</li> <li>• Wind speeds in the project area may exceed normal design standards.</li> <li>• <i>Wind speeds exceed rating of pole/conductors.</i></li> <li>• <i>Harmonic rocking of lines during high winds could lead to failure/fire risk.</i></li> <li>• Steel towers may not perform well to high temperatures during wild fire, and may be more susceptible to lightning.</li> </ul>
Fire	<ul style="list-style-type: none"> <li>• Fire hazard during construction and operation.</li> <li>• <i>Doubling circuits on certain transmission lines can increase fire risk.</i></li> <li>• <i>Constructing powerlines in areas designated as wilderness could increase fire risk.</i></li> </ul>
Hydrology and Water Quality	<ul style="list-style-type: none"> <li>• Project construction and operation and maintenance, particularly use of steep access roads, could affect surface water flow and erosion rates causing subsequent downstream sedimentation and reduced surface water quality.</li> </ul>
Land Use and Planning	<ul style="list-style-type: none"> <li>• Construction would temporarily disturb ongoing or traditional land uses within the project study area.</li> <li>• Possible conflicts with pending land management plans, policies, or regulations adopted for the purpose of avoiding or mitigating an environmental effect.</li> <li>• Construction or operation could cause conflicts with the Wilderness Act of 1964.</li> </ul>
Noise	<ul style="list-style-type: none"> <li>• Project construction will produce short-term noise (from helicopters, vehicles and construction equipment) and may violate noise standards during construction.</li> <li>• Location of fly yards and associated helicopter use may impact communities away from the project area.</li> </ul>
Public Services and Utilities	<ul style="list-style-type: none"> <li>• Construction activities could result in increased generation of waste and disposal needs.</li> <li>• Fire and emergency services may be required to service the proposed project and project study area during construction and operation.</li> <li>• Construction may result in temporary loss of electrical service to remote communities.</li> <li>• Telecommunication services in the project area could be disrupted.</li> </ul>

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	<ul style="list-style-type: none"> <li>• Water used for project construction and maintenance could impact local water supplies.</li> </ul>
Recreation	<ul style="list-style-type: none"> <li>• Construction or operation could cause conflicts with ongoing or traditional recreation uses in the project study area.</li> <li>• Access roads could increase vehicle trespass into areas where vehicles are not authorized.</li> </ul>
Transportation and Traffic	<ul style="list-style-type: none"> <li>• Traffic would be generated by construction worker commute trips and equipment deliveries. Hauling materials, such as poles, concrete, conductor, and excavation spoils, would temporarily increase existing traffic volumes in the project study area.</li> </ul>
Electro Magnetic Fields	<ul style="list-style-type: none"> <li>• <i>The project would cause public health risks due to EMF.</i></li> </ul>
Growth Inducing Effects	<ul style="list-style-type: none"> <li>• Increasing conductor size may increase system capacity, inducing growth in local generation.</li> <li>• Doubling circuits on certain transmission lines may increase system capacity and induce growth in local generation.</li> </ul>
Socioeconomics/Environmental Justice	<ul style="list-style-type: none"> <li>• The relocation of certain transmission facilities may result in social and economic effects as well as have disproportionately high or adverse effects on minority or low-income populations.</li> </ul>

*Orange/italic: Issues identified during supplemental scoping period (January 21 – March 7, 2014)*