

Manning 500/230 kV Substation Project Measures

The Draft IS/MND describes mitigation measures which, if adopted by the CPUC, would avoid or minimize significant environmental impacts from the project. The following air quality, biological resources, cultural resources, and noise impacts would be reduced to a less-than-significant level through mitigation.

- ▶ Tier 4 Construction Equipment: mitigation requiring use of at least 75 percent tier 4 or battery-electric off-road construction equipment.
- ▶ Conduct Protocol-Level Surveys for Special-Status Plants and Compensate for Impacts: mitigation requiring surveys within suitable habitat for special status plants and avoidance if found and feasible.
- ▶ Conduct Protocol-Level Surveys for Blunt-Nosed Leopard Lizard and Implement Avoidance Measures: mitigation requiring surveys and avoidance for blunt-nosed leopard lizard.
- ▶ Conduct Focused Surveys for Special-Status Reptiles and Implement Avoidance Measures: mitigation requiring focused surveys for California glossy snake, coast horned lizard, and San Joaquin coachwhip with appropriate permitting if detected.
- ▶ Conduct Focused Surveys for Western Spadefoot Toads and Implement Avoidance Measures: mitigation requiring surveys for western spadefoot toad and avoidance if found.
- ▶ Implement Survey Area Minimums, Survey Timing Standards, and Applicable Protocols for Special-Status and Other Native Birds: mitigation requiring pre-construction nesting bird surveys and disturbance buffers if found.
- ▶ Conduct Protocol-Level Surveys for Burrowing Owl and Implement Avoidance Measures: mitigation requiring surveys for burrowing owls, submittal of a report if occupied burrows are found, and a buffer around occupied burrows.
- ▶ Implement Limited Operating Period, Conduct Focused Surveys, and Implement Avoidance Measures for Crotch's Bumble Bee: mitigation requiring limiting dates of initial ground-disturbing work or survey for Crotch's bumble bee and implement avoidance measures.
- ▶ Conduct Focused Surveys for Tulare Grasshopper Mouse and Implement Avoidance Measures: mitigation requiring surveys for Tulare grasshopper mouse in suitable habitat and further investigation if found.
- ▶ Identify State or Federally Protected Wetlands in Unsurveyed Areas: mitigation requiring preparation of a formal delineation for any state or federally protected wetlands.
- ▶ Implement Avoidance Measures for State or Federally Protected Wetlands and Obtain Permits for Impacts on Wetlands: mitigation requiring avoidance of wetlands or submission of the appropriate permit applications to the relevant regulatory agencies.
- ▶ Develop and Implement an Avian Protection Plan: mitigation requiring development and implementation of an avian protection plan.
- ▶ Conduct Built Environment Historical Resources Surveys for Built Environment Resources: mitigation requiring historical resources surveys for built environment features and recordation of any features found.
- ▶ Protect Historical Built Environment Resources: mitigation requiring avoidance of any built environment features.

- ▶ Conduct Archaeological Resources Surveys and Avoid Archaeological Resources: mitigation requiring archaeological resources surveys and avoidance of any resources discovered.
- ▶ For All Ground-Disturbing Construction Activities, Halt Ground Disturbance Upon Discovery of Subsurface Archaeological Features: mitigation to stop work, avoid, and document unanticipated discovery of any cultural resources.
- ▶ Implement Measures to Reduce Exposure of Noise-Sensitive Receptors to Construction-Generated Nighttime Noise: mitigation requiring nighttime construction noise to be reduced to 45 A-weighted decibels (dBA) at the nearest receptor.