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| Topic | Study | Date | Survey Period Covered | Protocol Resurvey Requirement, if Any | Applicant Comments on Study | Planned Survey and Study Updates |
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| Site Characterization | Site Characterization Study Report | January 2017 | NA (Desktop Assessment) | None | Provides early-stage desktop review of historical natural resources and potential habitat data. | No update recommended. |
| Rare Plants | Rare Plant Surveys and Natural Vegetation Community Mapping | October 2018 | Spring/Summer 2018 | CDFW 2018 protocol references the following: "In forested areas, surveys at intervals of 5 years may adequately represent current conditions", then goes on to reference timber harvest review guidance for rare plants, which states "surveys should normally be re-conducted if the site has not been surveyed in the past 5 years". | The 2018 survey covered initial corridors, which largely overlap the present layout. The 2019 survey focused on newly added corridors, primarily in the southern portion of the project area, much of which is no longer included in the current project layout. The 2021 Survey covered new corridors not surveyed in 2018 or 2019, which were not substantial in size. No rare plants were documented. Given that plants are largely immobile and past surveys found no rare plants, the chance of finding rare plants is extremely low given little (if any) change in survey areas. The County's FEIR included a Mitigation Measure (MM) for resurvey if >5 years had passed since past surveys. To supplement prior rare plant surveys and in coordination with the CEC, rare plant "spot-check" surveys were conducted at 20 sites considered to have a higher likelihood for presence of rare plants that could occur in the Project area: wet montane meadows, mixed montane riparian scrub, mixed montane riparian forest, and rock outcrops in particular. Spot check survey in 2023 confirmed the previously documented low likelihood of rare plant occurrence. | PLANNED SURVEYS: Pre-construction resurvey of any areas where 5 years have passed since completion of rare plant surveys. |
| | Rare Plant Surveys and Natural Vegetation Community Mapping | December 2019 | Spring/Summer 2019 | | | |
| | 2021 Rare Plant Surveys | October 2021 | Spring/Summer 2021 | | | |
| | Rare Plant Spot Check Survey | September 2023 | June/August 2023 | | | |
| Avian Use | Year 1 Avian Use Study Report and Risk Assessment | November 2018 | Spring 2017–Spring 2018 | None | The results of the Year 1 surveys indicated the risks of collision of bald eagles, golden eagles, northern goshawks, northern harriers, sandhill cranes, and American white pelicans with Project turbines at the Project site are anticipated to be low, and that the risks of collision of olive-sided flycatcher, yellow warbler, and Vaux's swift are anticipated to be low to moderate. Results of the Year 2 surveys were consistent with the results of the initial year of study, both in species composition and seasonal and spatial trends in use. | Species assemblage is unlikely to have changed in the landscape and no newly listed species are known to occur within the Project area, and additional surveys and studies other than listed below would not provide improvement in risk analysis. PLANNED SURVEYS: 1. If construction vegetation clearing is planned to occur during the avian nesting season (March 1-August 15): pre-construction avian nesting surveys, including raptor nest surveys to identify raptor nests within 500 feet of proposed work areas. 3. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts, with Adaptive Management the route for addressing impacts. |
| | Results of the Year 2 Avian Use Study at the Fountain Wind Project | September 2019 | Spring 2018–Spring 2019 | None | | |
| Great Gray Owl | Great Gray Owl Habitat Assessment | October 2018 | NA (Desktop Assessment+ confirmatory field assessment) | None | Based on the desktop review and field assessment, no habitat within the Project area meets the criteria of suitable great gray owl nesting or foraging habitat. | Habitat has not changed/improved, hence additional surveys are not warranted. |

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| Bats | Bat Desktop Assessment | 2017 | NA (Desktop Assessment) | NA | No newly listed species or other key issues that would necessitate an update to this report. | Species assemblage is unlikely to have changed in the landscape, and no additional species have been newly listed, hence additional acoustic surveys are not warranted as they would provide no material improvement in risk analysis, particularly given the lack of correlation between pre-construction acoustic data and collision impacts. PLANNED SURVEYS: Pre-construction clearance surveys to address potential impacts to roost sites (e.g., large trees with hollows, etc.). |
| | Bat Acoustic Survey Report | October 2018 | Spring–Fall 2017 | None | Data suggest that bat fatality patterns at the Project would primarily consist of fatalities of hoary bats, silver-haired bats, and Mexican free-tailed bats during the late summer and fall migration period. | |
| Raptors (nest surveys and studies) | 2017 Raptor Nest Survey Report for the Fountain Wind Project | September 2018 | 2017 Nesting Season | None, only specification is minimum 2 years of pre-construction surveys | Eleven occupied bald eagle nests and zero golden eagle nests documented within the 10-mi survey area. The closest occupied bald eagle nest was approximately 2.9 miles east of the Project site boundary, with all other occupied bald eagle nests more than 4.2 miles from the Project site boundary. Nests of other raptor species included two osprey nests within one mile, one red-tailed hawk nest about 1.5 miles, and two unoccupied nests located within 1.3 miles of the Project site boundary. | Species assemblage is unlikely to have changed in the landscape and no newly listed species are known to occur within the Project Area, and additional surveys and studies other than listed below would not provide improvement in risk analysis. PLANNED SURVEYS: 1. If construction vegetation clearing is planned to occur during the avian nesting season (March 1-August 15): pre-construction avian surveys, including raptor nest surveys to identify raptor nests within 500 feet of proposed work areas. 3. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts, with Adaptive Management to respond to impacts. |
| | MEMO: Request for clarifications on 2017 and 2018 Raptor Nest Survey Reports | January 2019 | Clarification of 2017/2018 survey results requested by County CEQA contractor | NA | Memo provided clarification on prior reports. No need to update. | |
| | 2019 Raptor Nest Survey Report | September 2019 | 2019 Nesting Season | None | Results largely consistent with 2017 results, with 13 bald eagle nests found, the closest of which was about 3 miles from the Project site boundary. | |

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| Eagles (nest surveys) | 2018 Eagle Nest Status Survey Report | September 2018 | 2018 Nesting Season | None, only specification is minimum 2 years of pre-construction surveys | No eagle nests (current or historical) are known to exist within 2 miles of the Project site, and high-quality nesting habitat (cliffs, large dominant trees, prey resources) is limited within the Project area. | <p>PLANNED SURVEYS:</p> <p>1. If construction is planned to occur during the eagle nesting season, preconstruction avian surveys, including eagle nesting surveys of suitable habitat will be conducted to determine whether eagles are actively nesting or maintaining territories within 2 miles of the Project construction boundary. <u>If construction is planned to occur during the eagle nesting season, preconstruction eagle nest surveys of suitable habitat will be conducted to determine whether eagles are actively nesting or maintaining territories within 2 miles of the Project construction boundary. Pre-construction aerial raptor nest surveys at the Project will focus on eagles, consistent with USFWS 2020 Eagle Nest Survey Guidance. Surveys will be performed from early March through May 2024, with a final report expected in June 2024. These pre-construction surveys are proposed to occur during the 2024 nesting season to gather pre-construction data for the Project, while leveraging costs/efforts associated with other unrelated aerial surveys planned in Northern California.</u></p> <p>2. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts, with Adaptive Management the route for addressing impacts.</p> |
| Northern Goshawk | 2018 Northern Goshawk Nest Survey Results | October 2018 | 2018 Nesting Season | None | No northern goshawk nests have been documented in the Project Area since 2003 according to CNDDDB, and surveys in 2018 and 2021 resulted in no evidence of nesting northern goshawk. | <p>PLANNED SURVEYS:</p> <p>1. If construction is planned to occur during the nesting season for northern goshawk (March 1–August 31) and prior to any disturbance of forest habitats that fit the nesting criteria of northern goshawks, acoustic surveys for northern goshawk will be conducted to confirm probable absence within suitable nesting habitat.</p> <p>2. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts, with Adaptive Management the route for addressing impacts.</p> |
| | 2021 Northern Goshawk Nest Survey Results | October 2021 | 2021 Nesting Season | None | | |
| California Spotted Owl | California Spotted Owl Risk Assessment | February 2020 | NA (Pre-con Desktop Assessment) | None | Risk assessment based on historical data. Historical data have not changed, nor has the habitat condition improved for CSO within the Project area due to on-going commercial timber harvest activity | <p>PLANNED SURVEYS: If construction is planned to occur during the avian nesting season (March 1-August 15): pre-construction avian surveys, including raptor nest surveys to identify raptor nests within 500 feet of proposed work areas.</p> <p>Additional surveys may be necessary to maintain</p> |
| | 2021 California Spotted Owl Survey Results | October 2021 | 2021 Nesting Season | Even though it is unlisted, focused CSO surveys were conducted at the request of CDFW. No CSO protocol exists, so applicant voluntarily followed protocol for federally/state listed NSO in terms of survey methods. | Habitat for CSO has not changed for the better, rather additional harvest activity has further reduced the amount of older forest within the Project area. The nearest CSO nest/territory (0.4 mi from the nearest turbine) is outside the Project area. | |

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| | 2023 California Spotted Owl (CSO) Surveys | November 2023 | 2023 Nesting Season | CSO is a species of special concern in California, but not currently listed at state or federal level. However, CSO is proposed for listing a threatened species under the federal ESA. Surveys were conducted in 2023 using the NSO survey protocol methodologies to document potential presence of CSO. | Additional timber harvest activity has further reduced the amount of older forest within the Project area and continued to impact CSO habitat suitability. The closest historical CSO nest/territory is outside the Project area. Surveys in 2023 documented CSO activity in the eastern portions of the historical activity center east of the Project site, and in an area to the south of the Project, but no activity within 0.25 mile of any proposed development. | Additional surveys may be necessary to maintain consistency in documenting the lack of use within proposed development areas and meet survey requirements for listed species. |
| Willow Flycatcher | 2018 Willow Flycatcher Survey Results | October 2018 | 2018 Nesting Season | Only specifies protocol is good for the year of survey. | Habitats were marginal in 2 of the 3 areas surveyed. No willow flycatchers were documented during the 2018 surveys. Apart from one access road where potential widening could occur, no willow flycatcher habitat is likely to be modified. | PLANNED SURVEYS: If construction is planned to occur during the avian nesting season (March 1-August 15); pre-construction protocol surveys of suitable willow flycatcher nesting habitat within 300' of potential disturbance areas. |
| | Willow Flycatcher 2019 Supplemental Habitat Assessment | November 2019 | NA | NA (no field surveys conducted) | One potential habitat area, not in an area of potential disturbance, was visited and determined to be non-suitable. Habitat conditions have not changed in the time since surveys to warrant any additional willow flycatcher studies or habitat evaluations. | |
| Foothill Yellow-legged Frog and Cascades Frog | 2018 Foothill yellow-legged frog and Cascades frog habitat assessments and surveys | October 2018 | September 2018 | None | Protocol calls for spring-fall surveys for at least one year. One Visual Encounter survey was conducted in September and nothing was found. Habitat was considered marginal at best. | With poor habitat and nothing found, additional surveys are not likely to provide different results. No further surveys planned. |
| | 2018/2019 Foothill Yellow-legged Frog and Cascades Frog Assessment | December 2019 | June 2019 | None | Additional surveys were conducted in new development areas not surveyed in 2018, as well as areas suitable habitats surveyed in 2018. June survey conducted for egg masses and adults, and none were found. A field visit was also completed in July 2019 with CDFW herpetologist, and habitats were confirmed as marginal CDFW. | |
| | 2019 eDNA Surveys for Foothill Yellow-legged Frog | January 2020 | September 2019 | None | eDNA sampling conducted throughout the Project Area in potentially suitable streams. No evidence of foothill yellow-legged frog found. | |
| California Condor | California Condor Risk Assessment Memo | February 2020 | NA (Pre-con Desktop Assessment) | NA | Since this was report was prepared, condors have been introduced to the north coast; the 2020 memorandum was written in anticipation of their reintroduction. Based on the distance of the project from the proposed norther California reintroduction site and other site-specific factors, the potential for condors to regularly forage or roost within the Project site is believed to be low. | No condor-specific surveys planned. |
| Nocturnal Migrants | Nocturnal Migrant Risk Summary | October 2018 | NA (Pre-con Desktop Assessment) | NA | Desktop risk assessment concluded nocturnal radar studies at the Project site are unlikely to inform risk considerations and are unwarranted. | No new information is available that would change the conclusions of the report. No additional surveys planned. |
| Multiple Species | Response to CDFW Informal Consultation Request for Use Permit 16-007 | November 2018 | NA | None | Nothing to update. Provides responses to CDFW's initial request for informal consultation. | No further action required |