

# APPENDIX D

## **Mitigation Monitoring and Reporting Plan**

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## Mitigation Monitoring and Reporting Program

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### Introduction

The California Environmental Quality Act (CEQA) requires that a Lead Agency establish a program to monitor and report on mitigation measures adopted as part of the environmental review process to avoid or reduce the severity and magnitude of potentially significant environmental impacts associated with project implementation. CEQA (Pub. Res. Code §21081.6(a)(1)) requires that a Mitigation Monitoring and Reporting Program (MMRP) be adopted at the time that the agency determines to carry out a project for which an EIR has been prepared, to ensure that mitigation measures identified in the EIR are fully implemented.

This document describes a preliminary MMRP for ensuring the effective implementation of the mitigation measures and Applicant-proposed Best Management Practices (BMP) that are identified in the EIR for Riverside County's approval of Renewable Resources Group Inc.'s Conditional Use Permit (CUP) and Public Use Permit (PUP) applications and related documents, including Development Agreement (DA), to construct, operate, maintain, and decommission the Project. Current versions as of the publication of the Final EIR of all mitigation measures identified in the Draft EIR are presented in Table D-1, which is provided at the end of this MMRP.

The MMRP is a working guide to facilitate not only the implementation of mitigation measures by the Applicant, but also the monitoring, compliance, and reporting activities of the County and any monitors it may designate. If the Final EIR is certified and the Project is approved, this MMRP would be updated to reflect the final (approved) mitigation measures and thereafter would serve as a self-contained general reference for the MMRP adopted by the County for the Project.

If the County approves the Applicant's CUP and PUP applications and enters into a DA for the Project, the Applicant would be responsible for implementation of any mitigation measures and other commitments governing the construction, operation, maintenance, and decommissioning of the Project. The County would act as the lead agency for monitoring compliance with all mitigation measures required by this EIR. All approvals and permits obtained by the Applicant would be submitted to the County for mitigation compliance prior to commencing the activity for which the permits and approvals were obtained.

The MMRP describes implementation and monitoring procedural guidance, responsibilities, and timing for each mitigation measure and BMP identified in the EIR, including:

- Resource Area/Environmental Impact
- BMP/Mitigation Measures
- Monitoring Method
- Responsible Monitoring Party
- Monitoring Phase
- Verification Approval Party
- Date Mitigation Measure Verified or Implemented
- Completion Requirement

The responsibilities of mitigation implementation, monitoring and reporting extend to several County departments. The manager or department lead of the identified unit or department will be directly responsible for ensuring the Applicant complies with the mitigation. The Planning Department is responsible for the overall administration of the program and for assisting relevant departments and project managers in their oversight and reporting responsibilities.

**TABLE D-1  
MITIGATION MEASURES PROPOSED IN THIS FINAL EIR**

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Best Management Practices</b>							
<b>Hydrology and Water Quality</b>	<b>BMP-1: Drainage, Erosion, and Sedimentation Control Plan.</b> As part of the County of Riverside's Conditional Use Permit (CUP) requirements, a Drainage, Erosion, and Sedimentation Control Plan would be developed for the Project. The project shall implement Site design and Source control BMPs according to County Standards. The plan would address the drainage, erosion, and sediment control requirements to support all activities associated with construction, operation, maintenance, and decommissioning of the Project. For example, any stockpiles created would be kept on site, with an upslope barrier in place to divert runoff. Stockpiles would be sprayed with water, covered with tarpaulins, and/or treated with appropriate dust suppressants, especially in preparation for high wind or storm conditions. Certified weed-free straw bale barriers would be installed to control sediment in runoff water; straw bale barriers would be installed only where sediment-laden water can pond, thus allowing the sediment to settle out. Topsoil from the site would be stripped, stockpiled, and stabilized before excavating earth for facility construction. Topsoil would be segregated and spread on freshly disturbed areas to reduce color contrast and aid rapid revegetation. The Drainage, Erosion, and Sedimentation Control Plan shall also include site design and source control BMPs that minimize the potential for erosion and off-site sedimentation.	The Riverside County Planning Department shall verify that the Drainage, Erosion, and Sedimentation Control Plan is in accordance with County Standards.  The Riverside County Planning Department shall verify that measures detailed in the Drainage, Erosion, and Sedimentation Control Plan have been implemented.	Riverside County Planning Department	Prior to and during construction	Riverside County Planning Department		
<b>Hydrology and Water Quality</b>	<b>BMP-2: Stormwater Pollution Prevention Plan.</b> In compliance with requirements of the National Pollutant Discharge Elimination System (NPDES) permit, a Stormwater Pollution Prevention Plan (SWPPP) would be developed and prepared for the Project to ensure that protection of water quality and soil resources is consistent with County and State regulations. The plan would identify site surface water runoff patterns and include measures that prevent excessive and unnatural soil deposition and erosion throughout and downslope of the Project area and Project-related construction areas, and would also include measures for non-stormwater discharge and waste management. The SWPPP would cover all activities associated with the construction of the Project, including clearing, grading, and other ground disturbance such as stockpiling or excavation erosion control. The plan would prevent off-site migration of contaminated stormwater, changes in pre-Project storm hydrographs, or increased soil erosion.	The Riverside County Planning Department shall verify that the Stormwater Pollution Prevention Plan (SWPPP) is in accordance with County Standards.  The Riverside County Planning Department shall verify that measures detailed in the SWPPP have been implemented.	Riverside County Planning Department	Prior to and during clearing, grading and construction	Riverside County Planning Department		
<b>Air Quality</b>	<b>BMP-3: Fugitive Dust Abatement Plan.</b> As required by the Mojave Desert Air Quality Management District Rule 403, a Fugitive Dust Abatement Plan would be prepared to address fugitive dust emissions during Project construction, operation, maintenance, and decommissioning. The plan would include measures to minimize fugitive dust emissions from wrecking, excavation, grading, clearing of land, and solid waste disposal operations, and would take every reasonable precaution to prevent visible particulate matter from being deposited upon public roadways as a direct result of operations. During construction, all unpaved roads, disturbed areas (e.g., areas of scraping, excavation, backfilling, grading, and compacting), and loose materials generated during Project construction activities would be watered as frequently as necessary to minimize fugitive dust generation. However, the amount of water will be minimized each time to prevent temporarily ponding water that may occur as a result of the fugitive dust plan. In water-deprived locations, water spraying would be limited to active disturbance areas only, and non-water-	The Mojave Desert Air Quality Management District shall verify that the Fugitive Dust Abatement Plan is in accordance with the Mojave Desert Air Quality Management District Rule 403.  The Riverside County Planning Department shall verify that the Dust Abatement Plan is in accordance with County	Mojave Desert Air Quality Management District  Riverside County Planning Department	Prior to and during construction, operation, maintenance, and decommissioning	Riverside County Planning Department		

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	<p>based dust control measures would be implemented in areas with intermittent use or use that is not heavy, such as stockpiles or access roads. The dust suppression measures would consider the sensitivity of wildlife to the windborne dispersal of fugitive dust containing dust suppressants and the potential impact on future reclamation. The Fugitive Dust Abatement Plan shall be submitted to the Mojave Air Quality Management District prior to earth-moving activity for review.</p> <p>The Dust Abatement Plan includes three specific measures (BMP 3.1 through BMP 3.3) as listed below:</p> <p><b>BMP-3.1:</b> The following signage shall be erected not later than the commencement of construction. A minimum 48 inch high by 96 inch wide sign containing the following shall be located within 50 feet of each Project site entrance, meeting the specified minimum text height, black text on white background, on one inch A/C laminated plywood board, with the lower edge between six and seven feet above grade, with the contact name of a responsible official for the site and a local or toll-free number that is accessible 24 hours per day:</p> <p>"[Site Name] {four inch text}                      [Project Name/Project Number] {four inch text}                      IF YOU SEE DUST COMING FROM {four inch text}                      THIS PROJECT CALL: {four inch text}                      [Contact Name], PHONE NUMBER XXX-XXXX {six inch text}                      If you do not receive a response, Please Call {three inch text}                      The MDAQMD at 1-800-635-4617 {three inch text}"</p> <p><b>BMP-3.2:</b> For projects with exposed sand or fines deposits (and for projects that expose such soils through earthmoving), chemical stabilization, durable polymeric soil stabilizers, or covering with a stabilizing layer of gravel will be required to eliminate visible dust/sand from sand/fines deposits.</p> <p><b>BMP-3.3:</b> All perimeter fencing shall be wind fencing or the equivalent, to a minimum of four feet of height or the top of all perimeter fencing. The owner/operator shall maintain the wind fencing as needed to keep it intact and remove windblown dropout. This wind fencing requirement may be superseded by local ordinance, rule or project-specific biological mitigation prohibiting wind fencing.</p>	<p>Standards.</p> <p>The Riverside County Planning Department shall verify that measures detailed in the Dust Abatement Plan have been implemented.</p>					
<p><b>Hazards and Hazardous Materials</b></p>	<p><b>BMP-4: Fire Management and Protection Plan.</b> As required by existing law (Title 8 California Code of Regulations [CCR] Section 3221), a Fire Management and Protection Plan would be developed in consultation with the Riverside County Fire Department to identify potential hazards and accident scenarios that would exist at the facility during construction, operation, maintenance, and decommissioning of the Project. The Plan would include the identification of the following: potential fire hazards and ignition sources; proper handling and storage of potential fire hazards; control of potential ignition sources; persons responsible for equipment and systems maintenance; location of portable fire extinguishers; automatic sprinkler fire suppression system; water-spray fire system; coordination with local fire department; and recordkeeping requirements.</p>	<p>The Riverside County Fire Department shall verify that the Fire Management and Protection Plan has identified: potential fire hazards and ignition sources; proper handling and storage of potential fire hazards; control of potential ignition sources; persons responsible for equipment and systems maintenance; location of portable fire extinguishers; automatic sprinkler fire suppression system; water-spray fire system; coordination with local fire</p>	<p>Riverside County Fire Department</p>	<p>Prior to and during construction, maintenance and decommissioning</p>	<p>Riverside County Fire Department</p>		

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<p><b>Hazards and Hazardous Materials</b></p>	<p><b>BMP-5: Emergency Action Plan.</b> As required by Title 8 CCR Section 3220, the Project would develop a site-specific operations phase Emergency Action Plan. The operations Emergency Action Plan would address potential emergency situations requiring emergency response and/or planned evacuation. The plan would describe accident scenarios, evacuation routes, alarm systems, points of contact, assembly areas, responsibilities, and other actions to be taken in the event of an emergency. In particular, the plan would describe arrangements with local emergency response agencies.</p>	<p>department; and recordkeeping requirements. The Riverside County Fire Department shall verify that measures detailed in the Fire Management and Protection Plan have been implemented.</p> <p>The Riverside County Planning Department shall verify that the Emergency Action Plan is in accordance with County Standards.</p> <p>The Riverside County Planning Department shall verify that measures detailed in the Dust Abatement Plan have been implemented.</p>	<p>Riverside County Planning Department</p>	<p>Prior to and during construction, maintenance and decommissioning</p>	<p>Riverside County Planning Department</p>		
<p><b>Aesthetics and Biological Resources</b></p>	<p><b>BMP-6: Lighting Plan.</b> A lighting plan would be prepared that documents how lighting will be designed and installed to minimize night-sky impacts during facility construction and operations. Lighting for facilities will not exceed the minimum number of lights and brightness required for safety and security and will not cause excessive reflected glare. Motion-sensitive lighting would be installed at the Project site access points and would be calibrated to avoid activation by small animals, and timers would be used to automatically turn off lighting after a set period of time. Security lighting would be directed downward and shielded to focus illumination on the Project site only, and to prevent light spillage onto adjacent habitat. Wherever feasible, consistent with safety and security, lighting will be kept off when not in use. The lighting plan will include a process for promptly addressing complaints about lighting.</p>	<p>The Riverside County Planning Department shall verify that the Lighting Plan is in accordance with County Standards.</p> <p>The Riverside County Planning Department shall verify that measures detailed in the Lighting Plan have been implemented.</p>	<p>Riverside County Planning Department</p>	<p>Prior to and during construction and operations</p>	<p>Riverside County Planning Department</p>		
<p><b>Biological Resources</b></p>	<p><b>BMP-7: Trash Abatement Plan.</b> A Trash Abatement Plan shall be developed that focuses on containing trash and food in closed and secure sealable containers, with lids that latch, and removing them periodically to reduce their attractiveness to opportunistic species, such as common ravens, coyotes, and feral dogs, that could serve as predators of native wildlife and special-status animals. The Plan would also establish a regular litter pick-up procedure within and around the perimeter of the Project area, and removal of construction-related trash containers from the Project area when construction is complete.</p>	<p>The Riverside County Planning Department shall verify that the Trash Abatement Plan is in accordance with County standards.</p> <p>The Riverside County Planning Department shall verify that measures detailed in the Trash Abatement Plan have been implemented.</p>	<p>Riverside County Planning Department</p>	<p>Prior to and during construction and operations</p>	<p>Riverside County Planning Department</p>		
<p><b>Hazards and Hazardous Materials</b></p>	<p><b>BMP-8: Cleanup and restoration.</b> Upon completion of construction activities, all unused materials and equipment shall be removed from the Project area. All construction equipment and refuse including, but not limited to, wrapping material, cables, cords, wire, boxes, rope, broken equipment parts, twine, strapping, buckets, and metal or plastic containers shall be removed from the site and disposed of properly after completion of construction. Any unused or leftover hazardous products shall be properly disposed of off-site.</p>	<p>The Riverside County Planning Department shall verify that all unused materials and equipment are removed from the Project area.</p>	<p>Riverside County Planning Department</p>	<p>Upon completion of construction</p>	<p>Riverside County Planning Department</p>		

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<b>Hazards and Hazardous Materials</b>	<p><b>BMP-9: Hazardous materials.</b> As required by the Clean Air Act, Section 401 of the Clean Water Act, the Toxic Substance Control Act, and the Hazardous Materials Transportation Act, all vehicles and equipment must be in proper working condition to ensure that there is no potential for fugitive emissions or accidental release of motor oil, fuel, antifreeze, hydraulic fluid, grease, or other hazardous materials. Equipment must be checked for leaks prior to operation and repaired as necessary. Refueling of equipment must take place on existing paved roads, where possible, and not within or adjacent to drainages. Hazardous spills must be cleaned up immediately. Contaminated soil would be disposed of at an approved offsite landfill, and spills reported to the permitting agencies. Service/maintenance vehicles should carry appropriate equipment and materials to isolate and remediate leaks or spills, and an on-site spill containment kit for fueling, maintenance, and construction will be available.</p> <p>Cleaning of construction vehicles at commercial car washes should be considered rather than washing vehicles on the Project area so that dirt, grease, and detergents are treated effectively at existing facilities designed to handle those types of wastes.</p> <p><b>Broken PV Module Detection and Handling Plan.</b> Before photovoltaic (PV) panels containing cadmium telluride (CdTe) may be used on the Project site, the Applicant shall prepare and receive County approval of a Broken PV Module Detection and Handling Plan. The plan shall describe the Applicant's plan for identifying, handling and disposing of PV modules that may break, chip, or crack at some point during the Project's life cycle to ensure the safe handling, storage, transport, and recycling and/or disposal of the modules and related electrical components in a manner that is compliant with applicable law and protective of human health and the environment. The plan shall be submitted to the County for review and approval prior to commencement of construction activities and prior to delivery of CdTe-containing PV panels to the Project site and shall be distributed to all construction crew members and temporary and permanent employees prior to construction and operation of the Project. All available data from the panel manufacturer(s) regarding materials used and safety procedures and/or concerns shall be appended to the plan to assist the County with identifying potential hazards and abatement measures.</p>	<p>The project developer and Riverside County will verify all vehicles and equipment are in proper working condition, equipment is checked for leaks prior to operation and repaired as necessary, and refueling of equipment takes place on existing paved roads, where possible, and not within or adjacent to drainages.</p> <p>The Riverside County Planning Department shall verify that the Broken PV Module Detection and Handling Plan is in accordance with County Standards.</p> <p>The Riverside County Planning Department shall verify that measures detailed in the Broken PV Module Detection and Handling Plan have been implemented.</p>	Project Developer Riverside County Planning Department	Prior to and during construction	Project Developer Riverside County Planning Department		
<b>Biological Resources</b>	<p><b>BMP-10: Integrated Weed Management Plan.</b> In compliance with the Federal Noxious Weed Act and the Plant Protection Act, a Project-specific integrated weed management plan for the control of noxious weeds and invasive plant species would be prepared. The plan would identify presence, location, and abundance of weed species in the Project area and surrounding area adjacent to the Project, as well as identify suppression and containment measures to prevent the spread of weed species and introduction of weed species. Prevention techniques would include: limiting disturbance areas during construction to the minimum required to perform work; limiting ingress and egress to defined routes; maintaining vehicle wash and inspection stations; and closely monitoring the types of materials brought on site to minimize the potential for weed introduction. During operations, noxious and invasive weed management will be incorporated as a part of mandatory site training for groundskeepers and maintenance personnel. Training will include weed identification and the impacts on agriculture, wildlife, and fire frequencies. Training will also cover the importance of preventing the spread of noxious weeds and of controlling the proliferation of existing weeds.</p>	<p>The Riverside County Planning Department shall verify Project-specific integrated weed management plan is in compliance with the Federal Noxious Weed Act and the Plant Protection Act.</p> <p>The Riverside County Planning Department shall verify that measures detailed in the Project-specific integrated weed management plan have been implemented.</p>	Riverside County Planning Department	Prior to and during construction and operations	Riverside County Planning Department		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Aesthetics, Biological Resources, and Hydrology and Water Quality</b>	<b>BMP-11: Project structures, gen-tie line, and building surfaces.</b> Project facilities would be sited to ensure that there is adequate space (i.e., setbacks of no less than 100 feet) between solar facilities and natural washes. These setbacks would preserve and maintain the natural washes' hydrological functions. The color and finish of Project structure, panels, and building surfaces that are visible to the public will be designed to ensure minimal visual intrusion, contrast, and glare. Grouped structures will be painted the same color to reduce visual complexity and color contrast. Materials, coatings, or paints having little or no reflectivity will be used wherever possible.	The Riverside County Planning Department shall verify there is adequate space (i.e., setbacks of no less than 100 feet) between solar facilities and natural washes.  The Riverside County Planning Department shall verify the color and finish of Project structure, panels, and building surfaces that are visible to the public will be designed to ensure minimal visual intrusion, contrast, and glare.	Riverside County Planning Department	Prior to, during and after construction	Riverside County Planning Department		
<b>Biological Resources</b>	<b>BMP-12: Gen-tie lines.</b> Gen-tie line support structures and other facility structures shall be designed in compliance with current standards and practices to discourage their use by raptors for perching or nesting (e.g., by use of anti-perching devices). This design would also reduce the potential for increased predation of special-status species, such as the desert tortoise. Mechanisms to visually warn birds (permanent markers or bird flight diverters) shall be placed on gen-tie lines consistent with APLIC guidelines at regular intervals to prevent birds from colliding with the lines (APLIC 2006 and 2012; and USFWS 2010). To the extent practicable, the use of guy wires shall be avoided because they pose a collision hazard for birds and bats. Necessary guy wires shall be clearly marked with bird flight diverters to reduce the probability of collision. Shield wires shall be marked with devices that have been scientifically tested and found to significantly reduce the potential for bird collisions. Gen-tie lines shall utilize non-specular conductors and non-reflective coatings on insulators.	The Riverside County Planning Department shall verify that gen-tie line support structures and other facility structures are designed in compliance with current standards.  The Riverside County Planning Department shall verify that construction of gen-tie line support structures have been constructed as approved.	Riverside County Planning Department	Prior to and during construction and operations	Riverside County Planning Department		
<b>Biological Resources</b>	<b>BMP-13: Ground and surface disturbance.</b> Construction boundaries would be clearly delineated to minimize areas of ground and surface disturbance. Ground-disturbing activities shall be minimized, especially during the rainy season. Construction-related activities (such as vehicle and foot traffic) would avoid areas with intact biological soil crusts. For cases in which impacts cannot be avoided, soil crusts would be salvaged and restored on the basis of recommendations by the County of Riverside and BLM once construction has been completed. Existing rocks, vegetation, and drainage patterns shall be preserved. No paint or permanent discoloring agents shall be applied to rocks or vegetation (to indicate surveyor construction activity limits or for any other purpose). All stakes and flagging shall be removed from the construction area and disposed of in an approved facility. Brush-beating, mowing, or use of protective surface matting rather than removing vegetation shall be employed. Clearing and disturbing of sensitive areas (e.g., steep slopes and natural drainages) and other areas shall be avoided outside the construction zone. Surface disturbance would be minimized by utilizing undulating surface disturbance edges; stripping, salvaging, and replacing topsoil; using contoured grading; controlling erosion; using dust suppression techniques; and restoring exposed soils to their original contour and vegetation.	The Riverside County Planning Department shall verify that soil crusts are salvaged and restored on the basis of recommendations by the County of Riverside and BLM.  The Riverside County Planning Department shall verify that existing rocks, vegetation, and drainage patterns are preserved.	Riverside County Planning Department	Upon completion of construction.	Riverside County Planning Department		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Air Quality, Biological Resources, and Traffic and Transportation</b>	<p><b>BMP-14: Travel and traffic.</b> Vehicular traffic on site shall be confined to existing or designated travel routes and designated work areas. Access to the construction site and staging areas shall be limited to authorized vehicles and only through the designated roads. The extent of habitat disturbance during construction shall be reduced by keeping vehicles on access roads and minimizing foot and vehicle traffic through undisturbed areas. Travel shall be limited to stabilized roads. Road maintenance activities shall avoid blading existing forbs and grasses in ditches and adjacent to roads. Abandoned roads and roads no longer needed shall be subsoiled to increase infiltration and reduce soil compaction, then recontoured and revegetated.</p> <p>Construction traffic shall avoid unpaved surfaces to the extent practical (to reduce the risk of compaction) and reduce speed to lessen fugitive dust emissions. On unpaved or unstabilized surfaces within the construction site, speed limits (e.g., 20 mph) shall be posted with visible signs and enforced to minimize airborne fugitive dust. Project vehicle speeds shall be limited in areas occupied by special-status animal species. Traffic shall stop to allow wildlife to cross roads. Shuttle vans or carpooling shall be used where feasible to reduce the amount of traffic on access roads. Workers shall be trained to comply with the speed limit, use good engineering practices, minimize the drop height of materials, and minimize the number and extent of disturbed areas. The Project developer shall enforce these requirements.</p>	<p>The Project developer and Riverside County shall ensure vehicular traffic on site is confined to existing or designated travel routes and designated work areas.</p> <p>The Project developer and Riverside County shall ensure speed limits are enforced and carpooling is used when feasible.</p>	Project Developer	During construction	Project Developer		
<b>Air Quality and Biological Resources</b>	<p><b>BMP-15: New access roads and parking lots.</b> New access roads shall be designed and constructed to the appropriate road design standards, such as those described in BLM Manual 9113 or County standards, whichever is applicable. New access roads shall be designed to follow natural land contours in the Project area and avoid existing desert washes. The specifications and codes developed by the U.S. Department of Transportation (DOT) and County of Riverside Transportation Department are also to be taken into account. Primary access roads and parking lots shall be surfaced with aggregate that is hard enough that vehicles cannot crush it and thus cause dust or compacted soil conditions. Paving may also be used on access roads and parking lots. Alternatively, chemical dust suppressants or durable polymeric soil stabilizers would be used on these locations.</p>	The Riverside County Planning Department shall verify that all new access roads and parking lots comply with County Standards.	Riverside County Planning Department	Prior to and during construction	Riverside County Planning Department		
<b>Air Quality</b>	<p><b>BMP-16: Diesel engines.</b> All diesel engines used in the facility would be fueled only with ultra-low sulfur diesel with a sulfur content of 15 parts per million (ppm) or less. The Project would require use of construction diesel engines with a rating of 50 horsepower (hp) or higher that meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression Ignition Engines, as specified in the California Code of Regulations, Title 13, Section 2423(b)(1), unless such engines are not available. If a Tier 3 engine is not available for off-road equipment larger than 100 hp, a Tier 2 engine, or an engine equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO<sub>x</sub>) and diesel particulate matter (DPM) to no more than Tier 2 levels, may be used; however document to the County shall be provided discussing attempts to utilize Tier 3 vehicles. Regulatory agencies may determine that use of such devices is not practical when:</p> <ul style="list-style-type: none"> <li>There is no available retrofit control device verified by either the California Air Resources Board (CARB) or the U.S. Environmental Protection Agency (EPA) to control engines in question to Tier 2 equivalent emission levels and the retrofitted or Tier 1 engines use the highest level of available control technology.</li> </ul>	The Project developer and Riverside County shall verify all diesel engines used in the facility are fueled only with ultra-low sulfur diesel with a sulfur content of 15 parts per million (ppm) or less, and idling time of diesel equipment is limited to no more than 10 minutes.	Project Developer	During construction	Project Developer		

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	<ul style="list-style-type: none"> <li>The construction equipment is intended to be on site for five days or less.</li> <li>It can be demonstrated there is a good faith effort to comply with the recommendation and that compliance is not practical.</li> </ul> <p>The idling time of diesel equipment would be limited to no more than 10 minutes, unless idling must be maintained for proper operation (e.g., drilling, hoisting, and trenching).</p>						
<b>Air Quality</b>	<p><b>BMP-17: High wind conditions.</b> In compliance with MDAQMD Rule 403 criteria, all soil-disturbing activities and travel on unpaved roads must be suspended during periods of high winds. A 25 mph wind speed has been determined on the basis of soil properties identified during site characterization. Monitoring of the wind speed would be required at the site during construction, operation, maintenance, and decommissioning.</p>	<p>The Project developer and Riverside County shall verify that all soil-disturbing activities and travel on unpaved roads are suspended during periods of high winds (25mph or greater).</p>	<p>Project Developer</p>	<p>During construction, operation, maintenance, and decommissioning</p>	<p>Project Developer</p>		
<b>Noise</b>	<p><b>BMP-18: Noise.</b> The Project would minimize construction- and operation-related noise levels within 0.25 miles to sensitive receptors to minimize impacts to nearby residents. To minimize noise sensitive receptors, as well as wildlife, all construction vehicles and equipment (fixed or mobile) shall be equipped with properly operating and maintained mufflers, consistent with the manufactures' standard. The construction contractor shall place all stationary construction equipment so that emitted noise is directed away from the noise sensitive receptors nearest the Project area.</p>	<p>The Riverside County Planning Department shall verify that all construction vehicles and equipment (fixed or mobile) shall be equipped with properly operating and maintained mufflers, consistent with the manufactures' standard.</p>	<p>Riverside County Planning Department</p>	<p>During construction and operations</p>	<p>Riverside County Planning Department</p>		
<b>Biological Resources</b>	<p><b>BMP-19: Plants and wildlife.</b> In compliance with the California Department of Fish and Game Codes, while on the Project property, workers or visitors would be prohibited from: feeding wildlife; moving live, injured, or dead wildlife off roads, right-of-ways (ROWs), or the Project area; bringing domestic pets to the Project area; collecting native plants; and harassing wildlife. Areas where wildlife could hide or be trapped (e.g., open trenches, sheds, pits, uncovered basins, and laydown areas) would be covered. If the trenches or excavations cannot be covered, a ramp that will sufficiently allow wildlife to escape shall be placed into the trench or excavated area, or exclusion fencing (i.e., silt fencing) shall be installed around the trench or excavation to prevent entrapment of wildlife. Open trenched, or other excavations that could entrap wildlife, shall be inspected by the qualified biologists daily and immediately before backfilling. For example, an uncovered pipe that has been placed in a trench should be capped at the end of each workday to prevent animals from entering the pipe. If a special-status species is discovered inside a component, that component must not be moved, and the qualified biologist shall determine the appropriate course of action. As open trenches could impede the seasonal movements of large game animals and alter their distribution, they would be backfilled as quickly as possible. Open trenches could also entrap smaller animals; therefore, escape ramps would be installed along open trench segments at distances identified in the applicable land use plan or by the best available information and science. If traffic is being unreasonably delayed by wildlife in roads, personnel would contact the Project biologist, who will take any necessary action.</p> <p>Any vehicle-wildlife collisions would be immediately reported to the Project biologist. Observations of potential wildlife problems, including wildlife mortality, would be immediately reported to the County or other appropriate agency</p>	<p>The California Department of Fish and Game and Riverside County Designated Biologist shall verify that the Project is in compliance with California Department of Fish and Game Codes.</p>	<p>California Department of Fish and Game</p>	<p>During construction, operation, maintenance, and decommissioning</p>	<p>California Department of Fish and Game</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	authorized officer.						
<b>Public Services and Utilities</b>	<b>BMP-20: Waste Recycling Plan.</b> Prior to issuance of a grading and building permit, A Waste Recycling Plan shall be submitted to the Riverside County Department of Waste Resources for approval. The plan shall identify: materials (i.e., cardboard, concrete, asphalt, wood, etc.) that will be generated by construction and development; projected amounts of materials; measures/methods that will be taken to recycle, reuse, and/or reduce the amount of materials; the facilities and/or haulers; and the target recycling or reduction rate. During Project construction, the construction site shall have, at a minimum, two bins: one for waste disposal and the other for recycling of construction and demolition materials. An accurate record keeping system of recycling construction and demolition recyclable materials and solid waste disposal shall also be established. Site design and Source Control BMPs shall be implemented according to County Standards.	The Riverside County Department of Waste Resources shall verify that the Waste Recycling Plan is in accordance with County Standards. The Riverside County Planning Department shall verify that measures detailed in the Waste Recycling Plan have been implemented.	Riverside County Department of Waste Resources	Prior to issuance of grading and building permits	Riverside County Department of Waste Resources		
<b>Agriculture and Forestry Resources</b>							
<b>Impact AG-1:</b> The Project would convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use.	<b>Mitigation Measure AG-1:</b> Prior to issuance of a grading permit, the Applicant shall provide written evidence of completion of at least one of the following measures to mitigate the impact to agricultural resources caused by conversion of land subject to the grading permit to non-agricultural uses. Important Farmlands of Statewide Importance, and Unique Farmlands as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency that is in effect as of the date of approval of the Project. 1. Acquire and record agricultural conservation easement(s) meeting the following criteria: a. Two acres placed under conservation easement for each net acre of Important Farmland converted to non-agricultural uses during the life of the Project. A plot plan shall be submitted substantiating the net acreage calculation, which shall be consistent with the definition of "Net Acreage" in County Policy B-29 <sup>1</sup> . b. Land subject to the conservation easement shall be located in Riverside County and must be of the same or higher State of California Department of Conservation farmland classification (Prime Farmland or Farmland of Statewide Importance) as the land that has been converted to non-agricultural uses. c. The conservation easement must be held by a third party having the capacity to hold such an easement and in an easement form acceptable to Riverside County. d. The Applicant must provide to the easement holder an endowment sufficient to generate funds for ongoing monitoring and enforcement of the easement. 2. Purchase of credits from an established agricultural land mitigation bank in an	Provide evidence of completion of mitigation to agricultural resources Acquire and record agricultural conservation easements	Riverside County Planning Department	Prior to issuance of a grading permit	Riverside County Planning Department		

<sup>1</sup> The County of Riverside’s Board of Supervisor’s Policy B-29 defines “Net Acreage” as all areas involved in the production of power including, but not limited to, the power block, solar collection equipment, areas contiguous to solar collection equipment, transformers, transmission lines and/or piping, transmission facilities (on and off-site), service roads regardless of surface type – including service roads between panels or collectors, structures, and fencing surrounding all such areas. Net acreage shall not include off-site access roads or areas specifically set aside either as environmentally sensitive or designated as open space, and shall not include the fencing of such set aside areas.

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p>amount sufficient to achieve a level of protection at least equivalent to Section 1 of Mitigation Measure AG-1 above;</p> <p>3. Contribution of agricultural land or equivalent funding to an organization that provides for the preservation of farmland in California in an amount sufficient to achieve a level of protection at least equivalent to Section 1 of Mitigation Measure AG-1 above; or</p> <p>4. Participation in any agricultural land mitigation program adopted by Riverside County that provides equal or more effective mitigation than the measures listed above.</p>						
<b>Contribution Toward Cumulative Agriculture Impacts</b>	Implement Mitigation Measure AG-1.	See AG-1.	See AG-1.	See AG-1.	See AG-1.		
<b>Biological Resources</b>							
<b>Impact BIO-1:</b> The Project could have a substantial adverse effect, either directly or through habitat modifications, on species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by CDFW or USFWS.	<b>Mitigation Measure BIO-1:</b> The Lead Biologist shall monitor the work area bi-weekly during ground disturbing construction activities. The Lead Biologist shall conduct monitoring for any area subject to disturbance from construction activities that may impact biological resources. The Lead Biologist's duties include minimizing impacts to special-status species, native vegetation, wildlife habitat, and unique resources. Where appropriate, the inspector will flag the boundaries of biologically sensitive areas and monitor any construction activities in these areas to ensure that ground disturbance activities and impacts occur within designated limits. The Lead Biologist will also be responsible for ensuring the BMPs shall be employed to prevent loss of habitat caused by Project-related impacts (e.g., grading or clearing for new roads) within the gen-tie line corridor. The resume of the proposed Lead Biologist will be provided to the County (as appropriate) for concurrence prior to onset of ground-disturbing activities. The Lead Biologist will have demonstrated expertise with the biological resources within the Project area.	The Riverside County Planning Department shall verify that the Lead Biologist has flagged the boundaries of biologically sensitive areas and has employed BMPs to prevent loss of habitat caused by Project-related impacts.	Riverside County Planning Department	Prior to grading and during construction	Riverside County Planning Department		
	<b>Mitigation Measure BIO-2:</b> Pre-construction surveys shall be conducted for State and federally listed Threatened and Endangered, Proposed, Petitioned, and Candidate plants in a 250-foot radius around all areas subject to ground-disturbing activity including, but not limited to, tower pad preparation and construction areas, solar facilities, pulling and tensioning sites, assembly yards, and areas subject to grading for new access roads. The surveys shall be conducted during the appropriate blooming period(s) by an authorized plant ecologist/biologist according to protocols established by the USFWS, CDFW, BLM, and California Native Plant Society (CNPS). Measures shall be taken to avoid and minimize impacts to special-status plant species that are found to be present during the preconstruction surveys. This includes avoiding unnecessary or unauthorized trespass by workers and equipment, staging and storage of equipment and materials, refueling activities, and littering or dumping debris in areas known to contain special-status plant species that are not within the designated construction footprint.	The Riverside County Planning Department shall verify that all pre-construction surveys have been conducted by a qualified biologist during appropriate blooming period.	Riverside County Planning Department	Prior to grading	Riverside County Planning Department		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p><b>Mitigation Measure BIO-3</b> In areas identified as suitable habitat during the 2011 and 2012 surveys, biological monitors shall conduct pre-construction surveys for American badger no more than 30 days prior to initiation of construction activities. Surveys shall also consider the potential presence of dens within 100 feet of the Project boundary (including utility corridors and access roads) and shall be performed for each phase of construction. If dens are detected each den shall then be further classified as inactive, potentially active, or definitely active. Inactive dens that would be directly impacted by construction activities shall be excavated by hand and backfilled to prevent reuse by badgers. Potential dens that would be directly impacted by construction activities shall be monitored by the Biological Monitor for three consecutive nights using a tracking medium such as diatomaceous medium or fire clay and/or infrared camera stations at the entrance. If no tracks are observed in the tracking medium or no photos of the target species are captured after three nights, the den shall be excavated and backfilled by hand. If tracks are observed, the badger dens shall be fitted with the one-way trap doors to encourage badgers to move off-site. After 48 hours post-installation, the den shall be excavated and collapsed, following the same protocol as with western burrowing owl burrows. These dens shall be collapsed prior to construction of the desert tortoise fence, to allow badgers the opportunity to move off-site without impediment. If an active natal den is detected on the site, the CDFW shall be contacted within 24 hours. The course of action would depend on the age of the pups, location of the den site, status of the perimeter site fence, and the pending construction activities proposed near the den. A 500-foot no disturbance buffer shall be maintained around all active dens. Alternatively, a designated biologist authorized by CDFW, shall trap and remove badgers from occupied dens and move them off-site into appropriate habitat.</p>	<p>The Riverside County Planning Department shall verify that all pre-construction surveys for American badger were conducted no more than 30 days prior to initiation of construction activities. If active dens are present, the measures as provided in Chapter 4 of the EIR shall be implemented.</p>	<p>Riverside County Planning Department, designated biologist.</p>	<p>Prior to and during construction</p>	<p>Riverside County Planning Department and CDFW.</p>		
	<p><b>Mitigation Measure BIO-4:</b> In areas identified as suitable habitat during the 2011 and 2012 surveys, biological monitors shall conduct pre-construction surveys for kit fox no more than 30 days prior to initiation of construction activities. Surveys shall also consider the potential presence of dens within 100 feet of the Project boundary (including utility corridors and access roads) and shall be performed for each phase of construction. <u>The methodologies for pre-construction kit fox surveys shall be included in the BRMIMP, as prescribed by Mitigation Measure BIO-10.</u> If dens are detected each den shall then be further classified as inactive, potentially active, or definitely active. Inactive dens that would be directly impacted by construction activities shall be excavated by hand and backfilled to prevent reuse by kit fox. Potential dens that would be directly impacted by construction activities shall be monitored by the Biological Monitor for three consecutive nights using a tracking medium such as diatomaceous medium or fire clay and/or infrared camera stations at the entrance. If no tracks are observed in the tracking medium or no photos of the target species are captured after three nights, the den shall be excavated and backfilled by hand. If tracks are observed, the kit fox dens shall be fitted with the one-way trap doors to encourage kit fox to move off-site. After 48 hours post-installation, the den shall be excavated and collapsed, following the same protocol as with inactive western burrowing owl burrows. These dens shall be collapsed prior to construction of the desert tortoise fence, to allow kit fox the opportunity to move off-site without impediment. If an active natal den is detected on the site, the CDFW shall be contacted within 24 hours. The course of action would depend on the age of the pups, location of the den site, status of the perimeter site fence, and the pending construction activities proposed near the den. A 500-foot no disturbance buffer shall be maintained around all active dens</p>	<p>The Riverside County Planning Department shall verify that all pre-construction surveys were conducted. If the presence of the Desert kit fox is identified, the measures as provided in Chapter 4 of the EIR shall be implemented.</p>	<p>Riverside County Planning Department, designated biologist.</p>	<p>Prior to and during construction</p>	<p>Riverside County Planning Department and CDFW.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p>until CDFW provides direction on how to proceed. Habitat-based mitigation or other appropriate mitigation as discussed previously for desert tortoise and western burrowing owl shall provide mitigation for impacts to non-listed special-status species that inhabit overlapping suitable habitat. The following measures are required to reduce the likelihood of distemper transmission:</p> <ul style="list-style-type: none"> <li>No pets shall be allowed on the site prior to or during construction;</li> <li>Any kit fox hazing activities that include the use of animal repellents such as coyote urine must be cleared through the CDFW prior to use; and</li> <li>Any documented kit fox mortality shall be reported to the CDFW within 24 hours of identification. If a dead kit fox is observed, it shall be retained and protected from scavengers until the CDFW determines if the collection of necropsy samples is justified.</li> </ul>						
	<p><b>Mitigation Measure BIO-5: Desert Tortoise Protection.</b></p> <p>(1) <b>Qualified Biologist:</b> In the following measures, a "qualified biologist" is defined as a person with appropriate education, training, and experience to conduct tortoise surveys, monitor Project activities, provide worker education programs, and supervise or perform other implementing actions. The person must demonstrate an acceptable knowledge of tortoise biology, desert tortoise impact minimization techniques, habitat requirements, sign identification techniques, and survey procedures. Evidence of such knowledge may include work as a compliance monitor on a project in desert tortoise habitat, work on desert tortoise trend plot or transect surveys, conducting surveys for desert tortoise, or other research or field work on desert tortoise. Attendance at a training course endorsed by the agencies (e.g., Desert Tortoise Council tortoise training workshop) is a supporting qualification. All qualified biologists must be approved by the USFWS, CDFW, and the Riverside Environmental Programs Department (EPD) prior to starting any work on site. <u>The names and qualifications of proposed qualified biologists shall be provided to USFWS, CDFW, and EPD for approval at least 30 days prior to the biologists implementing desert tortoise protection measures described herein.</u></p> <p>A qualified biologist will be on-site during all construction. The qualified biologist shall conduct a pre-construction clearance survey of the Project area, watch for tortoises wandering into the construction areas, check under vehicles, and examine excavations and other potential pitfalls for entrapped animals. The qualified biologist will be responsible for overseeing compliance with desert tortoise protective measures and for coordination with the Field Contact Representative (FCR) (described below). The qualified biologist shall have the authority to halt all Project activities that are in violation of these measures or that may result in the take of a tortoise. The qualified biologist shall have a copy of the <u>conservation measures prescribed by USFWS for the gen-tie line through the section 7 consultation process previously issued informal consultation letter issued for the Blythe Solar Project (FWS ERIV 12B0299 1210497) for construction of the shared gen-tie line when work is being conducted on-site.</u> The qualified biologist is not authorized to handle or relocate desert tortoises as part of this project <u>without proper authorization from USFWS and CDFW.</u></p>	<p>1) The Riverside County Planning Department shall verify that a qualified biologist demonstrates an acceptable knowledge of tortoise biology, desert tortoise impact minimization techniques, habitat requirements, sign identification techniques, and survey procedures. The Riverside County Planning Department shall verify that a qualified biologist is on-site during all construction. The Riverside County Planning Department shall verify the qualified biologist is responsible for overseeing compliance with desert tortoise protective measures and for coordination with the Field Contact Representative (FCR). The Riverside County Planning Department shall verify the qualified biologist has a copy of this letter when work is being conducted on the site.</p>	<p>1) Riverside County Planning Department designated biologist.</p>	<p>1) Prior to grading and during construction.</p>	<p>1) Riverside County Planning Department and USFWS.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p><b>Mitigation Measure BIO-5 (Continued)</b></p> <p>(2) <b>Preconstruction Clearance Survey:</b> The qualified biologist shall conduct a preconstruction clearance survey of the Project area. Transects for clearance surveys will be spaced 15 feet apart. Clearance will be considered complete after two successive surveys have been conducted without finding any desert tortoises. Clearance surveys must be conducted during the active season for desert tortoises (April through May or September through October). The qualified biologist is not authorized to handle or relocate desert tortoises a part of this Project <u>without proper authorization from USFWS and CDFW</u>. If a tortoise or tortoise burrow is located during clearance surveys, the USFWS <u>and CDFW</u> will be contacted for direction on how to proceed.</p>	<p>2) The Riverside County Planning Department shall verify that a preconstruction clearance survey has been conducted by the qualified biologist during the active season for desert tortoises (April through May or September through October).</p>	<p>2) Riverside County Planning Department, designated biologist.</p>	<p>2) Prior to grading.</p>	<p>2) Riverside County Planning Department and USFWS.</p>		
	<p><b>Mitigation Measure BIO-5 (Continued)</b></p> <p>(3) <b>Field Contact Representative:</b> The Project Applicant will designate a FCR who will be responsible for overseeing compliance with desert tortoise protective measures and for coordination with the USFWS <u>and CDFW</u>. The FCR will have the authority to halt all Project activities that are not in compliance <u>with the conservation measures prescribed by USFWS for the gen-tie line through the section 7 consultation process</u> <del>measures in the previously issued informal consultation letter (FWS-ERIV-12B0299-1210497)</del>. The FCR will have a copy of <u>these conservation measures this letter</u> when work is being conducted on the site. The FCR may be an agent for the company, the site manager, any other Project employee, a biological monitor, or other contracted biologist. <del>The</del> <u>Neither the FCR</u> nor any other project proponent may bar or limit any communications between any Natural Resource Agency or The County of Riverside Environmental Programs Division and any project biologist, biological monitor or contracted biologist. Any incident occurring during the Project activities that is considered by the qualified biologist to be in non-compliance with these measures will be documented immediately by the qualified biologist. The FCR will ensure that appropriate corrective action is taken. Corrective actions will be documented by the qualified biologist. The following incidents will require immediate cessation of the Project activities causing the incident: (1) location of a desert tortoise within the exclusion fencing; (2) imminent threat of injury or death to a desert tortoise; (3) unauthorized handling of a desert tortoise, regardless of intent; (4) operation of construction equipment or vehicles outside a project area cleared of desert tortoise, except on designated roads; and (5) conducting any construction activity without a biological monitor where one is required.</p>	<p>3) The Riverside County Planning Department shall verify that the FCR is responsible for overseeing compliance with desert tortoise protective measures and for coordination with the USFWS. The Riverside County Planning Department shall verify that the FCR will have a copy of this letter when work is being conducted on the site.</p>	<p>3) Riverside County Planning Department.</p>	<p>3) Prior to grading and construction.</p>	<p>3) Riverside County Planning Department and USFWS.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p><b>Mitigation Measure BIO-5 (Continued)</b></p> <p>(4) <b>Worker Training:</b> Prior to the onset of construction activities, a desert tortoise education program will be presented by the FCR or qualified biologist to all personnel who will be present on work areas within the Project area. Following the onset of construction, any new employee will be required to formally complete the tortoise education program prior to working on-site. At a minimum, the tortoise education program will cover the following topics:</p> <ul style="list-style-type: none"> <li>• A detailed description of the desert tortoise, including color photographs;</li> <li>• The distribution and general behavior of the desert tortoise;</li> <li>• Sensitivity of the species to human activities;</li> <li>• The protection the desert tortoise receives the FESA and CESA Act, including prohibitions and penalties incurred for violation of the FESA and CESA Act;</li> <li>• The protective measures being implemented to conserve the desert tortoise during construction activities; and</li> <li>• Procedures and a point of contact if a desert tortoise is observed on-site.</li> </ul>	<p>4) The Riverside County Planning Department shall verify that all employees of the Applicants and their contractors who work on have participated in a tortoise education program.</p>	<p>4) The Riverside County Planning Department.</p>	<p>4) Prior to grading and construction.</p>	<p>4) Riverside County Planning Department</p>		
	<p><b>Mitigation Measure BIO-5 (Continued)</b></p> <p>(5) <b>Site Fencing:</b> Desert tortoise exclusion fencing will be installed around the Project area, and will remain in place for the life of the Project. The fence will adhere to USFWS design guidelines, available at: <a href="http://www.fws.gov/venturaispecies_information/protocols_guidelines/docs/dtIDT_Exclusion-Fence_2005.pdf">http://www.fws.gov/venturaispecies_information/protocols_guidelines/docs/dtIDT_Exclusion-Fence_2005.pdf</a>. The qualified biologist will conduct a clearance survey before the tortoise fence is enclosed to ensure no tortoises are on the Project area. If a tortoise is found, all construction activity will halt and the USFWS and CDFW contacted for direction on how to proceed. Once installed, exclusion fencing will be inspected at least monthly and following all rain events, and corrective action taken if needed to maintain the integrity of the tortoise barrier. Fencing around the Project area will include a desert tortoise exclusion gate. This gate will remain closed at all times, except when vehicles are entering or leaving the Project area. If it is deemed necessary to leave the gate open for extended periods of time (e.g., during high traffic periods), the gate may be left open as long as a qualified biologist is present to monitor for tortoise activity in the vicinity. Sites with potential hazards to desert tortoise (e.g., auger holes, steep-sided depressions) that are outside of the desert tortoise exclusion fencing will be fenced by installing exclusionary fencing, or not left unfilled overnight.</p>	<p>5) The Riverside County Planning Department authorized biologist shall verify that work area boundaries are delineated with flagging or fencing to minimize surface disturbance associated with vehicle straying.</p>	<p>5) The Riverside County Planning Department authorized biologist.</p>	<p>5) During construction, decommissioning, and ground disturbing activities.</p>	<p>5) Riverside County Planning Department</p>		
	<p><b>Mitigation Measure BIO-5 (Continued)</b></p> <p>(6) <b>Refuse Disposal:</b> All trash and food items shall be promptly contained within closed, raven-proof containers. These will be regularly removed from the Project area to reduce the attractiveness of the area to common ravens and other desert predators. The FCR will be responsible for ensuring that trash is removed regularly from the site such that containers do not overflow, and that the trash containers are kept securely closed when not in use.</p>	<p>6) The Riverside County Planning Department authorized biologist shall verify that that trash is removed regularly from the site such that containers do not overflow, and that the trash containers are kept securely closed when not in use.</p>	<p>6) The Riverside County Planning Department authorized biologist.</p>	<p>6) During construction, decommissioning, and ground disturbing activities.</p>	<p>6) Riverside County Planning Department</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p><b>Mitigation Measure BIO-5 (Continued)</b></p> <p><b>(7) Tortoises under vehicles:</b> The underneath of vehicles parked outside of desert tortoise exclusion fencing will be inspected immediately prior to the vehicle being moved. If a tortoise is found beneath a vehicle, the vehicle will not be moved until the desert tortoise leaves of its own accord. <del>(8) Tortoises on roads: If a tortoise is observed on or near the road accessing the Project area, vehicular traffic will stop and the tortoise will be allowed to move off the road on its own.</del></p> <p><b>(8) Tortoise Observations:</b> No handling of desert tortoise or burrow excavation is allowed as part of the proposed action, <u>unless authorized by USFWS and CDFW. If a tortoise is observed on or near the road accessing the Project area, vehicular traffic will stop and the tortoise will be allowed to move off the road on its own.</u> If a tortoise is observed outside of exclusion fencing, construction will stop and the tortoise shall be allowed to move out of the area on its own. If a tortoise or tortoise burrow is observed within the exclusion fencing, all construction will stop, and the USFWS <u>and CDFW</u> contacted for direction on how to proceed.</p> <p>The following activities are not authorized and will require immediate cessation of the construction activities causing the incident: (1) location of a desert tortoise within the exclusion fencing; (2) imminent threat of injury or death to a desert tortoise; (3) unauthorized handling of a desert tortoise, regardless of intent; (4) operation of construction equipment or vehicles outside a project area cleared of desert tortoise, except on designated roads; and (5) conducting any construction activity without a biological monitor where one is required.</p> <p><b>(9) Dead or Injured Specimens:</b> Upon locating a dead or injured tortoise, the Applicant or agent is to immediately notify the Palm Springs Fish and Wildlife Office by telephone within three days of the finding. Written notification must be made within five days of the finding, both to the appropriate USFWS field office and to the USFWS' Division of Law Enforcement. The information provided must include the date and time of the finding or incident (if known), location of the carcass or injured animal, a photograph, cause of death, if known, and other pertinent information.</p>	<p>7, 8, and 9) The Riverside County Planning Department authorized biologist shall contact the BLM and USFWS and an appropriate course of action shall be determined to avoid or mitigate impacts.</p>	<p>7, 8, and 9) The Riverside County Planning Department authorized biologist.</p>	<p>7, 8, and 9) During construction, decommissioning, and ground disturbing activities.</p>	<p>7,8,and 9) Riverside County Planning Department, BLM and USFWS.</p>		
	<p><b>Mitigation Measure BIO-6:</b> Burrowing Owl Protection:</p> <p>A Draft Burrowing Owl Monitoring and Mitigation Plan (Plan) has been developed to describe monitoring, reporting, and management of the burrowing owl during the construction, O&amp;M, and decommissioning of the proposed Project, as required by CDFW and County of Riverside. It has been prepared following the 2012 CDFW Staff Report on Burrowing Owl Mitigation (CDFW, 2012), and describes a multi-tiered approach to prevent or reduce impacts during construction and operation of the Project. Below is a general summary of the Plan requirements:</p> <ul style="list-style-type: none"> <li>• Pre-construction surveys will be conducted throughout the Project area and laydown areas for burrowing owls, possible burrows, and sign of owls (e.g., pellets, feathers, white wash) <u>no less than 1430 days prior to construction-site grading;</u></li> <li>• <u>Time lapses between project phases/activities could trigger the need for subsequent take avoidance surveys, as stated in Appendix D of the CDFW 2012 survey guidelines. The approved Biologist will determine when subsequent surveys are needed.</u></li> <li>• Should any of the pre-construction surveys yield positive results for the presence of burrowing owl or active burrows within the Project area, the approved Biologist will coordinate with the Construction Contractor to implement avoidance and set-back distances. Disturbance of owls or occupied</li> </ul>	<p>The Riverside County Planning Department shall verify that pre-construction surveys were conducted throughout the Project area and laydown areas for burrowing owls, possible burrows, and sign of owls (e.g., pellets, feathers, white wash) 30 days prior to construction. If active burrows are present, the measures as provided in Chapter 4 of the EIR shall be implemented.</p>	<p>Riverside County Planning Department designated biologist.</p>	<p>Prior to and during construction</p>	<p>Riverside County Planning Department , BLM, and CDFW.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p>burrows during the breeding season (February 1 through August 31) will not be permitted and to minimize disturbance. <u>use of down-hole cameras to inspect burrows will be used only after one way doors and visual monitoring have taken place;</u></p> <ul style="list-style-type: none"> <li>• If suitable burrows are observed and documented during the preconstruction surveys within the Project footprint and determined to be inactive, these burrows will be excavated and filled in under the supervision of the approved Biologist(s) prior to clearing and grading;</li> <li>• To compensate for impacts to burrowing owls in activity areas on the northern part of the Project, 146 acres of habitat have been identified adjacent to the Project area. A letter agreeing to dedicate the existing compensation lands must be approved by CDFW and the County prior to ground disturbance. Land used for compensation must be of equal value or better than the land impacted. Ownership of compensation lands will be transferred prior to any surface disturbance to one of the following: the County, or an entity acceptable to the County or CDFW that can effectively manage listed species and their habitats.</li> <li>• The Plan provides detailed methods and guidance for passive relocation of burrowing owls occurring within the Project disturbance area; and</li> <li>• The Plan describes monitoring and management of the passive relocation, including a three-year monitoring program.</li> </ul>						
	<p><b>Mitigation Measure BIO-7:</b> If Project construction activities cannot occur completely outside the bird breeding season, then pre-construction surveys for active nests shall be conducted by a qualified biologist within 1,200 days before the initiation of construction that would occur between <u>February-January 1 and August-September 15-30</u>. The qualified biologist will hold a current Memorandum of Understanding with the County of Riverside to conduct nesting bird surveys. If breeding birds with active nests are found, a biological monitor shall establish a species-specific buffer around the nests for construction activities, 250 feet or 1,200 feet for raptor nests. Extent of protection will be based on proposed management activities, human activities existing at the onset of nesting initiation, species, topography, vegetative cover, and other factors. When appropriate, a no-disturbance buffer around active nest sites will be required from nest-site selection to fledging. If for any reason a bird nest must be removed during the nesting season, written documentation providing concurrence from the USFWS and CDFW authorizing the nest relocation shall be obtained. All nest removals shall occur after the nest is demonstrated to be inactive by a qualified biologist and have been shown to not result in take as defined by the Migratory Bird Treaty Act (MBTA). A Bird and Bat Conservation Strategy (BBCS) will be developed for this Project and include additional protections for avian species. The BBCS would be based on specific recommendations from the USFWS and CDFW, and would provide:</p> <ul style="list-style-type: none"> <li>• a statement of the Applicant's understanding of the importance of bird and bat safety and management's commitment to remain in compliance with relevant laws;</li> <li>• documentation of conservation measures PVMSP would implement through design and operations to avoid and reduce bird and bat fatalities at both solar generation facilities as well as the associated gen-tie line, including consideration of bird height and wingspan requirements and use of flight diverters, perch and nest discouraging material, etc.;</li> </ul>	<p>The Riverside County Planning Department shall verify that pre-construction surveys were conducted. If breeding birds with active nests are found, the measures as provided in Chapter 4 of the EIR shall be implemented.</p>	<p>Riverside County Planning Department, designated biologist.</p>	<p>Prior to and during construction.</p>	<p>Riverside County Planning Department and CDFW.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<ul style="list-style-type: none"> <li>• consistent, practical and up-to-date direction to PVMSP staff on how to avoid, reduce, and monitor bird and bat fatalities;</li> <li>• establishment of accepted processes to monitor and mitigate bird and bat fatalities; establishment of accepted fatality thresholds that, if surpassed, would trigger adaptive changes to management and mitigation management;</li> <li>• an adaptive management framework to be applied, if thresholds are surpassed; and</li> <li>• A three year post-construction monitoring study.</li> </ul> <p><u>The BBCS will be submitted to USFWS and CDFW for review at least 60 days prior to construction.</u> The BBCS would be considered a “living document” that articulates the Applicant’s commitment to develop and implement a program to increase avian and bat safety and reduce risk. As progress is made through the program or challenges are encountered, the BBCS may be reviewed, modified, and updated. The initial goals of this BBCS are to:</p> <ul style="list-style-type: none"> <li>• provide a framework to facilitate compliance with federal law protecting avian species and a means to document compliance for regulators and the interested public;</li> <li>• allow the Agent to manage risk to protected bird and bat species in an organized and cost-effective manner;</li> <li>• establish a mechanism for communication between BMSP managers and natural resource regulators (primarily USFWS <u>and CDFW</u>);</li> <li>• foster a sense of stewardship with BMSP owners, managers, and field engineers; and articulate and cultivate a culture of wildlife awareness (specifically birds and bats) and the importance of their protection.</li> <li>• articulate and cultivate a culture of wildlife awareness (specifically birds and bats) and importance of their protection.</li> </ul>						
	<p><b>Mitigation Measure BIO-8:</b> To mitigate for permanent habitat loss and direct impacts to Mojave fringe-toed lizards the Applicant shall provide compensatory mitigation at a 3:1 ratio, which may include compensation lands purchased in fee or in easement in whole or in part, for impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat). Suitable Mojave fringe-toed lizard habitat is located throughout the gen-tie line corridor and potential habitat was detected on approximately three percent of the Project area (creosote bush scrub habitat). If compensation lands are acquired, the Applicant shall provide funding for the acquisition in fee title or in easement, initial habitat improvements and long-term maintenance and management of the compensation lands. <u>A letter agreeing to dedicate the existing compensation lands must be approved by BLM, USFWS, CDFW and the County prior to ground disturbance. used for compensation must be of equal value or better than the land impacted. Ownership of compensation lands will be transferred prior to any surface disturbance to one of the following: the County, or an entity acceptable to the agencies that can effectively manage listed species and their habitats.</u></p>	<p>The Riverside County Planning Department shall verify if compensation lands are acquired, the Applicant shall provide funding for the acquisition in fee title or in easement, initial habitat improvements and long-term maintenance and management of the compensation lands.</p>	<p>Riverside County Planning Department.</p>	<p>Prior to and during construction.</p>	<p>Riverside County Planning Department</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p><b>Mitigation Measure BIO-10:</b> A Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) will be developed to summarize all of the various biological mitigation, monitoring, and compliance measures and include measures from the various biological plans and permits developed for PVMSP. The BRMIMP shall include the following:</p> <ol style="list-style-type: none"> <li>All biological resources mitigation, monitoring, and compliance measures outlined in this EIR;</li> <li>All biological resource mitigation, monitoring and compliance measures required in federal agency terms and conditions, <u>such as conservation measures prescribed by USFWS for the gen-tie line through the section 7 consultation process those provided in the USFWS concurrence letter that the Project is "not likely to incidentally take or otherwise adversely affect federally listed species"</u> (FWS-ERIV-12B0299-12to497);</li> <li>All biological resource mitigation, monitoring and compliance measures outlined in the Burrowing Owl Mitigation and Monitoring Plan and the Bird and Bat Conservation Strategy (the full biological plans will be included in the attachments to the BRMIMP);</li> <li>All locations on a map, at an approved scale, of sensitive biological resource areas subject to disturbance and areas requiring temporary protection and avoidance during construction and operation;</li> <li>Duration for each type of monitoring and a description of monitoring methodologies and frequency;</li> <li>Performance standards to be used to help decide if/when proposed mitigation is or is not successful; and</li> <li>A process for proposing plan modifications to appropriate agencies for review and approval. The BRMIMP document shall be provided at least <del>60</del>90 days prior to start of any Project-related ground disturbing activities to the <u>USFWS, CDFW, and County</u> for review and approval. Implementation of BRMIMP measures will be reported in the monthly compliance reports by the Lead Biologist (i.e., survey results, construction activities that were monitored, species observed).</li> </ol>	<p>The Riverside County Planning Department shall verify that a BRMIMP is developed.</p>	<p>Riverside County Planning Department, designated biologist.</p>	<p>Prior to and during construction.</p>	<p>Riverside County Planning Department</p>		
<p><b>Impact BIO-3:</b> The Project could have a substantial adverse effect on federal protected wetlands, as defined by Section 404 of the CWA, or State-protected jurisdictional areas not subject to regulation under Section 404 of the CWA through direct removal, filling, hydrological interruption, or other means.</p>	<p>Implement Mitigation Measures HYD-1 through HYD-4.</p>	<p>See HYD-1 through HYD-4.</p>	<p>See HYD-1 through HYD-4.</p>	<p>See HYD-1 through HYD-4.</p>	<p>See HYD-1 through HYD-4.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<b>Mitigation Measure BIO-9:</b> Impacts to areas under jurisdiction of the USACE, Regional Water Quality Control Board (RWQCB), and CDFW shall be avoided as necessary to reduce impacts to less than significant levels. <u>A formal jurisdictional delineation of regulated waters and wetlands shall be conducted on the Project site prior to construction to verify avoidance of such resources.</u> Where avoidance of jurisdictional areas is not necessary to reduce impacts to less than significant levels, including emergency repairs, and access/spur roads within the ephemeral channel, the applicant shall provide the necessary mitigation required as part of wetland permitting. This will include creation, restoration, and/or preservation of suitable jurisdictional habitat along with adequate buffers to protect the function and values of jurisdictional area mitigation. The location(s) of the mitigation will be determined in consultation with the Applicant and the responsible agency(s) as part of the permitting process.	The Riverside County Planning Department shall verify that the applicant has provided the necessary mitigation required as part of wetland permitting. This will include creation, restoration, and/or preservation of suitable jurisdictional habitat along with adequate buffers to protect the function and values of jurisdictional area mitigation, where avoidance of jurisdictional areas is not feasible.	Riverside County Planning Department, designated biologist.	Prior to and during construction.	Riverside County Planning Department		
<b>Impact BIO-5:</b> The Project could conflict with local policies or ordinances protecting biological resources, such as tree preservation policy or ordinance.	Implement Mitigation Measures BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.		
<b>Impact BIO-6:</b> The Project could substantially reduce the habitat of fish and wildlife species; cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community; or substantially reduce the number or restrict the range of an endangered, rare, or threatened species.	Implement Mitigation Measures BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.		
<b>Contribution Toward Cumulative Biological Resources Impacts</b>	Implement Mitigation Measures BIO-1 through BIO-10 and HYD -1 through HYD -4	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.	See BIO-1 through BIO-10.		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Cultural Resources</b>							
<b>Impact CUL-1:</b> The Project could cause a substantial adverse change in the significance of a historical or archaeological resource, as defined in CEQA Guidelines Section 15064.5.	Implement Mitigation Measures HYD-1 through HYD-4	See HYD-1 through HYD-4.	See HYD-1 through HYD-4.	See HYD-1 through HYD-4.	See HYD-1 through HYD-4.		
	<b>Mitigation Measure CUL-1:</b> Prior to any ground disturbances within the Project area, the Applicant shall, for a period of at least 60 days, make a good faith effort to enter into a contract with and retain monitors designated by Tribal representatives. These monitors shall be known as the Tribal Participants for this Project. The developer shall notify the appropriate Tribe of all new phases of development. The Tribal Participants shall be required on-site during all construction-related ground disturbing activities. The developer shall submit the signed contract between the appropriate Tribe and the developer. The Project Archaeologist shall include in the report any concerns or comments the Tribal Participant has regarding the Project and shall include as an appendix any written correspondence or reports prepared by the Tribal Participant.	The Riverside County Planning Department shall verify that the Applicant has retained a monitor designated by the designated by the Tribal representatives or other County-designated Tribe.	Riverside County Planning Department.	Prior to issuance of the first grading permit.	Riverside County Planning Department		
	<b>Mitigation Measure CUL-2:</b> The County advocates avoidance as the preferred choice, and development of a discovery plan (see CUL-3) shall occur prior to Project construction. If, during ground disturbance activities associated with construction, operation and maintenance, or decommissioning, potentially significant archaeological sites are discovered that were not identified and evaluated in the archaeological survey reports or EIR conducted prior to Project approval, the following procedures shall be followed. <ol style="list-style-type: none"><li>1. All ground disturbance activities within 100 feet of the discovered archaeological resource shall be halted until a meeting is convened between the developer, the Project Archaeologist, the Tribal Participants, and the County to discuss the significance of the find.</li><li>2. At the meeting, the significance of the discoveries shall be discussed in consultation with the Tribal Participants and the Project Archaeologist. The County shall determine the appropriate mitigation (documentation, evaluation, recovery, avoidance, etc.) by implementing CEQA Guidelines Section 15126.4(b) regarding mitigation related to impacts on historical resources and CEQA Guidelines Section 15064.5(c) and 21083.2(g) regarding archaeological resources. Mitigation shall comply with Mitigation Measure CUL-3.</li><li>3. Further ground disturbance shall not resume within the area of the discovery until a meeting is convened with the aforementioned parties and a decision is made with the concurrence of the County as to the appropriate preservation or mitigation measures. The Applicant shall comply with the determinations of the County.</li></ol>	The Applicant shall notify the County within 24 hours if unknown historic or unique archaeological resources are encountered. The County shall verify that the Applicant has provided contingency funding sufficient to allow for implementation of avoidance measures or appropriate mitigation.	Riverside County Planning Department.	During and post construction.	Riverside County Planning Department		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p><b>Mitigation Measure CUL-3:</b> Prior to obtaining the Project-related grading permit from the County, the Applicant shall have the Project Archaeologist prepare and submit for approval a Cultural Resources Management Plan (CRMP). The CRMP shall be submitted to the County for approval. The CRMP shall map all known significant or unevaluated cultural resources within the Project area, as described in this EIR. The CRMP shall detail how the one CRHR-eligible resource in the Project area (P-33-002846) and ten cultural resources (P-33-020942, P-33-020943, P-33-020944, P-33-020945, P-33-020946, P-33-020947, P-33-020948, P-33-020949, P-33-020950, P-33-020951) in the Project area that have not been evaluated for CRHR-eligibility are avoided by Project design, and how these 11 resources would be marked and protected as Environmentally Sensitive Areas during construction. The CRMP shall also map additional areas that are considered to be of high sensitivity for discovery of buried significant cultural resources, including burials, cremations, or sacred features. The CRMP shall include protocol for collection and disposition of recorded archaeological isolates prior to Project construction, through coordination between the Applicant, County, and Tribal Participants. The CRMP shall detail provisions for monitoring construction in these high-sensitivity areas. For all post-review discoveries, the CRMP shall detail the methods, consultation procedures, and timelines for implementing Mitigation Measures CUL-2 and CUL-5, including procedures for halting construction, making appropriate notifications to agencies, officials, and Native American tribes, and assessing CRHR-eligibility. The CRMP shall specify what actions shall be undertaken if, as a result of the process required by the CRMP, it is determined that the Project would significantly impact previously unknown cultural resources. The actions to be taken shall comply with CEQA Guidelines Section 15126.4(b). The CRMP shall be presented to all construction personnel, with Tribal Participants in attendance, in the form of a worker education program by the Project Archaeologist prior to commencement of groundbreaking. During subsequent safety meetings on the job site, the Project Archaeologist and/or their qualified representative shall inform all new construction personnel of the cultural resources issues associated with the Project.</p>	<p>The Riverside County Planning Department shall verify that the Applicant submitted a CRMP for approval.</p>	<p>Riverside County Planning Department</p>	<p>Prior to grading.</p>	<p>Riverside County Planning Department</p>		
	<p><b>Mitigation Measure CUL-4:</b> Prior to the final inspection of the first building permit, the Applicant shall prompt the Project Archaeologist to submit one (1) wet-signed hard copy and one (1) CD of a Cultural Resources Monitoring Report (CRMR) that complies with the current County Planning Department's requirements for Phase IV Cultural Resource Monitoring Reports. The report shall include documentation of the required cultural/historical sensitivity training for the construction staff held during the pre-grade meeting, which shall include the County's attendance. The County shall review the report to determine adequate mitigation compliance. The accepted report shall be submitted to the County, California Historical Resources Information System Eastern Information Center, the Patton Memorial Museum, and Tribal Participants.</p>	<p>The Riverside County Planning Department shall verify that the Applicant has submitted one (1) wet-signed hard copy and one (1) CD of a Phase IV Cultural Resources Monitoring Report</p>	<p>Riverside County Planning Department.</p>	<p>Prior to issuance of a building permit.</p>	<p>Riverside County Planning Department</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Impact CUL-2:</b> Implementation of the proposed project could result in the disturbance of human remains.	<b>Mitigation Measure CUL-5:</b> If human remains are encountered during the course of construction, work in the immediate area shall be halted, a 100-foot diameter buffer established, and arrangements made to protect the remains in place until their disposition has been arranged according to this section. The treatment of human remains and associated and unassociated funerary objects discovered during any ground-disturbing activity shall comply with applicable State laws. This shall include immediate notification of the Riverside County coroner and, in the event of the coroner's determination that the human remains are Native American, notification of the California State Native American Heritage Commission (NAHC), who shall appoint a Most Likely Descendant (MLD) (California Public Resources Code [PRC] Section 5097.98). The Project Archaeologist, Applicant, County, and MLD shall make all reasonable efforts to develop an agreement for the treatment, with appropriate dignity, of human remains and associated and unassociated funerary objects (CEQA Guidelines Section 15064.5(d)). The agreement should take into consideration the appropriate excavation, removal, recordation, analysis, custodianship, curation, and final disposition of the human remains and associated and unassociated funerary objects. The PRC allows 48 hours to reach agreement on these matters. If the MLD and the other parties do not agree on the reburial method, PRC Section 5097.98(b) shall be followed: "the landowner or his or her authorized representative shall reinter the human remains and items associated with Native American burials with appropriate dignity on the property in a location not subject to further subsurface disturbance." Should any dispute arise, the County will request that the NAHC act to mediate the dispute. The site of any reburial of Native American human remains or cultural artifacts shall remain confidential, shall not be disclosed, and shall not be governed by public disclosure requirements of the California Public Records Act (California Government Code Section 6250). No construction activities will be allowed within 100 feet of the discovery site of human remains until a Notice to Proceed is provided by the County.	During construction and operational repair period, discovery of human remains shall result in work stoppage and notification of responsible parties, and subsequent actions shall be identified in the Cultural Resources Management Plan (CRMP) required by CUL-3.	Riverside County Planning Department Coroner.	During construction and operation.	Riverside County Planning Department Coroner, NAHC (as applicable).		
<b>Impact CUL-3:</b> Implementation of the proposed project could result in the alteration or destruction of an historic or archaeological site.	Implement Mitigation Measures CUL-1 through CUL-4 and HYD-1 through HYD-4.	See CUL-1 through CUL-4 and HYD-1 through HYD-4.	See CUL-1 through CUL-4 and HYD-1 through HYD-4.	See CUL-1 through CUL-4 and HYD-1 through HYD-4.	See CUL-1 through CUL-4 and HYD-1 through HYD-4.		
<b>Contribution Toward Cumulative Cultural Resources Impacts</b>	Implement Mitigation Measures CUL-1 through CUL-4.	See CUL-1 through CUL-4.	See CUL-1 through CUL-4.	See CUL-1 through CUL-4.	See CUL-1 through CUL-4.		
<b>Geology and Soils</b>							
<b>Impact GEO-1b:</b> The Project could expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death, involving strong seismic ground shaking.	<b>Mitigation Measure GEO-1:</b> Prior to final design and construction, a site-specific subsurface geotechnical evaluation/report shall be prepared to evaluate the potential ground-shaking hazard, which would meet the requirements of the most recent version of the California Building Code. A state certified Project geologist shall ensure appropriate structural design and mitigation techniques achieve adequate protection according to industry standards and building code requirements.	The Riverside County Planning Department shall verify that the Applicant has conducted a subsurface geotechnical evaluation.	Riverside County Planning Department.	Prior to issuance of a grading or excavation permit.	Riverside County Planning Department .		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<b>Mitigation Measure GEO-2:</b> Should future data suggest the presence of active faulting at the Project area, a fault evaluation may be performed. Mitigation of potential fault rupture hazard would typically include locating improvements away from the trace of an active fault, designing structures for an acceptable amount of movement, or implementing systems to maintain safety and that allow for displacement that could be repaired.	The Riverside County Planning Department shall verify that the Applicant has conducted a fault evaluation may be performed, should future data suggest the presence of active faulting at the Project area.	Riverside County Planning Department.	Prior to issuance of a grading or excavation permit.	Riverside County Planning Department .		
<b>Impact GEO-1c:</b> The Project could expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death, involving liquefaction.	Implementation of Mitigation Measures GEO-1, GEO-2.	See GEO-1 and GEO-2.	See GEO-1 and GEO-2.	See GEO-1 and GEO-2.	See GEO-1 and GEO-2.		
	<b>Mitigation Measure GEO-3:</b> Based on the nature, location and severity of adverse soil conditions, the geotechnical study shall recommend appropriate and feasible design features necessary to reduce the potential for liquefiable, expansive, corrosive, or collapsible soils, as necessary, to adversely affect Project facilities. Such measures might include removal of loose soil layers to be replaced with compacted fill or specialized foundation design, including the use of deep foundation systems, to support structures in accordance with industry standards and building code requirements.	The Riverside County Planning Department shall verify that the final geotechnical study for Project site include appropriate and feasible design features necessary to reduce the potential for liquefiable, expansive, corrosive, or collapsible soils measures for soil stability during the design stages of the Project.	Riverside County Planning Department.	Prior to issuance of a grading or excavation permit.	Riverside County Planning Department .		
<b>Impact GEO-2:</b> The Project would be susceptible to wind and water erosion which could result in substantial soil erosion or the loss of topsoil.	Implement Mitigation Measures HYD-1 through HYD-4.	See HYD-1 through HYD-4.	See HYD-1 through HYD-4.	See HYD-1 through HYD-4.	See HYD-1 through HYD-4.		
<b>Impact GEO-3:</b> The Project could be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on-or-off-site landslide, lateral spreading, subsidence, liquefaction, or collapse.	Implement Mitigation Measures GEO-1 through GEO-3.	See GEO 1 through GEO-3.	See GEO 1 through GEO-3.	See GEO 1 through GEO-3.	See GEO 1 through GEO-3.		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Impact GEO-4:</b> The Project could be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life and property.	Implement Mitigation Measures GEO-1 through GEO-3.	See GEO 1 through GEO-3.	See GEO 1 through GEO-3.	See GEO 1 through GEO-3.	See GEO 1 through GEO-3.		
<b>Impact GEO-5:</b> The Project could have soils that are incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water or result in grading that affects or negates subsurface sewage disposal systems.	<b>Mitigation Measure GEO-4:</b> Removal of loose soil layers shall be replaced with compacted fill or specialized foundation design, including the use of deep foundation systems, to support structures. The septic system shall be placed in soils capable of adequately supporting the septic system as determined by the Project Geologist and in accordance with County requirements specified in the Department of Environmental Health Technical Guidance Manual.	The Applicants shall obtain a septic system permit from the Riverside County Department of Environmental Health Services.	The Riverside County Department of Environmental Health Services.	Prior to installation of the septic system on-site.	The Riverside County Department of Environmental Health Services.		
<b>Hazards and Hazardous Materials</b>							
<b>Impact HAZ-1:</b> The Project would create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials.	<b>Mitigation Measure HAZ-1:</b> Prior to issuance of a grading permit, a Phase II soil investigation shall be prepared by a qualified environmental consultant to evaluate the potential presence of residual pesticides or herbicides from past agricultural land uses. The investigation shall be in accordance with the recommendations of the November 27, 2012 Kennedy Jenks Phase I report. Any soils found to contain residual contaminants in exceedance of regulatory action levels that are determined by the consultant to represent a potential hazard to construction workers or future workers and visitors shall be removed from the site in accordance with Riverside County Department of Environmental Health oversight.	The Riverside County Building and Safety Department shall verify that the Applicant has had a qualified environmental consultant prepare a Phase II soil investigation.	Riverside County Planning Department.	Prior to issuance of a grading or excavation permit.	Riverside County Planning Department		
	<b>Mitigation Measure HAZ-2:</b> Worker Environmental Awareness Program. The Worker Environmental Awareness Program (WEAP) shall include a personal protective equipment (PPE) program, an Emergency Action Plan (EAP), and an Injury and Illness Prevention Program (IIPP) to address health and safety issues associated with normal and unusual (emergency) conditions. Construction-related safety programs and procedures shall include a respiratory protection program, among other things. Construction would be undertaken sequentially in accordance with a Construction Plan that shall include the final design documents, work plan, health and safety plans, permits, project schedule, and operation and maintenance manuals. Construction Plan documents shall relate at least to the following: <ol style="list-style-type: none"><li>1. Environmental health and safety training (including, but not limited, to training on the hazards of Valley Fever, including the symptoms, proper work procedures, how to use PPE, and informing supervisor of suspected symptoms of work-related Valley Fever)</li><li>2. Site security measures</li><li>3. Site first aid training</li><li>4. Construction testing (non-destructive examination, hydro, etc.) requirements</li><li>5. Site fire protection and extinguisher maintenance, guidance, and</li></ol>	The Riverside County Planning Department shall verify that measures detailed in the WEAP have been implemented.	Riverside County Planning Department.	During construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	documentation 6. Furnishing and servicing of sanitary facilities records 7. Trash collection and disposal schedule/records 8. Disposal of hazardous materials and waste guidance in accordance with local, state, and federal regulations						
<b>Impact HAZ-3:</b> The Project is located within an airport land use plan and could result in a safety hazards for people residing or working in the project area.	<b>Mitigation Measure HAZ-3:</b> Prior to issuance of a grading or building permit, the Applicant shall submit all required plans and proposals to the Riverside County Airport Land Use Commission (RCALUC) and the Federal Aviation Administration (FAA) for Title 14 CFR Federal Aviation Regulations (FAR) Part 77 review. Commencement of construction shall not begin prior to final approval from RCALUC and FAA with any modifications required as part of the review incorporated into project design.	The Riverside County Planning Department shall verify that the Applicant has submitted all required plans and proposals to the RCALUC and FAA for review.	Riverside County Planning Department.	Prior to issuance of a grading or building permit.	Riverside County Planning Department		
<b>Impact HAZ-5:</b> The Project could expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands.	Implement Mitigation Measure HAZ-2.	See HAZ-2.	See HAZ-2.	See HAZ-2.	See HAZ-2.		
<b>Other Hazard Issues of Concern</b>	Implement Mitigation Measure HAZ-2.	See HAZ-2.	See HAZ-2.	See HAZ-2.	See HAZ-2.		
<b>Contribution Toward Cumulative Hazards and Hazardous Materials Impacts</b>	Implement Mitigation Measures HAZ-1 through HAZ-3.	See HAZ-1 through HAZ-3.	See HAZ-1 through HAZ-3.	See HAZ-1 through HAZ-3.	See HAZ-1 through HAZ-3.		
<b>Hydrology and Water Quality</b>							
<b>Impact HYD-1:</b> The Project could violate water quality standard or waste discharge regulation.	Implement Mitigation Measure BIO-9.	See BIO-9.	See BIO-9.	See BIO-9.	See BIO-9.		
	<b>Mitigation Measure HYD-1:</b> Existing drainage crossings shall be utilized at streams, washes, and irrigation channels to the full extent necessary to reduce impacts to less than significant levels. New access roads not required for ongoing operation and maintenance shall be permanently closed after construction using the most effective and least environmentally damaging methods appropriate to that specific area, with concurrence of the land manager (e.g., stockpiling and replacing topsoil, rock replacement) in a manner that most closely matches undisturbed conditions of the area to emulate natural drainage patterns.						

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<p><b>Impact HYD-3:</b> The Project could substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on or off-site.</p>	<p>Implement Mitigation Measures BIO-9 and HYD-1.</p>	<p>See BIO-9 and HYD-1.</p>	<p>See BIO-9 and HYD-1.</p>	<p>See BIO-9 and HYD-1.</p>	<p>See BIO-9 and HYD-1.</p>		
	<p><b>Mitigation Measure HYD-2:</b> Roads would be built as near as possible to right angles to streams and washes. Culverts would be installed where necessary and sized in accordance with local county regulations. All construction and maintenance activities shall be conducted in a manner that would minimize disturbance to vegetation and drainage channels, including ephemeral stream banks. Culverts shall also be designed with minimum impacts to floodplains. Any encroachment into or modification of the floodplain shall only be permitted in accordance with the District's approval based on demonstrative evidence that no adverse effects would occur upstream or downstream of the site. In addition, road construction would include dust-control measures during construction especially in sensitive areas. All existing roads would be left in a condition equal to or better than their condition prior to the construction of the gen-tie line and other Project components.</p>	<p>The Riverside County Flood Control District shall verify that all construction and maintenance activities by the contractor have been conducted in a manner that would minimize disturbance to vegetation and drainage channels, including ephemeral stream banks.</p>	<p>Riverside County Flood Control District.</p>	<p>During construction and post construction.</p>	<p>Riverside County Flood Control District.</p>		
	<p><b>Mitigation Measure HYD-3:</b> Stormwater drainage inside substations would be designed to minimize erosion and increase sediment control. Internal runoff would be released from the switching station by means of surface drainage structures designed to filter contaminants from water flow. Drainage from the property would be collected and controlled by surface improvements, as detailed in the Drainage, Erosion, and Sedimentation Control Plan (BMP-1).</p>	<p>The Riverside County Flood Control District shall verify that measures detailed in the SWPPP have been implemented and that stormwater drainage inside substations would be designed to minimize erosion and increase sediment control.</p>	<p>Riverside County Flood Control District.</p>	<p>Prior to and during construction.</p>	<p>Riverside County Flood Control District.</p>		
	<p><b>Mitigation Measure HYD-4:</b> New impervious areas associated with temporary construction would be restored to existing conditions, including but not limited to revegetation, to the extent possible after completion of Project construction.</p>	<p>The Riverside County Flood Control District shall verify that new impervious areas associated with temporary construction have been restored to existing conditions.</p>	<p>Riverside County Flood Control District.</p>	<p>During post construction.</p>	<p>Riverside County Flood Control District.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Impact HYD-5:</b> The Project could create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff.	Implement Mitigation Measures HYD-3 and HYD-4.	See HYD-3 and HYD-4.	See HYD-3 and HYD-4.	See HYD-3 and HYD-4.	See HYD-3 and HYD-4.		
	<b>Mitigation Measure HYD-5:</b> All new buildings (e.g., substation) shall be flood-proofed by constructing the finished floor a minimum of 24 inches above the highest adjacent ground or 100 year water surface elevation, whichever is greater, based on a final Floodplain Delineation Study with supporting calculations in accordance with County requirements. The final Floodplain Delineation Study shall be approved by the County prior to issuance of a building permit. Slope protection may be required for buildings on fill. New buildings shall be located outside of the well-defined watercourses of the floodplains. Additionally, the solar panels shall have a minimum clearance of 24 inches above the highest adjacent ground when upright to ensure flows are not obstructed.	The Riverside County Flood Control District shall verify that all new buildings (e.g., substation) have been flood-proofed.	Riverside County Flood Control District.	Prior to construction.	Riverside County Flood Control District.		
<b>Impact HYD-6:</b> The Project could substantially degrade water quality.	Implement Mitigation Measures BIO-9 and HYD-1 through HYD-4.	See BIO-9 and HYD-1 through HYD-4.	See BIO-9 and HYD-1 through HYD-4.	See BIO-9 and HYD-1 through HYD-4.	See BIO-9 and HYD-1 through HYD-4.		
<b>Impact HYD-7:</b> The Project would place within a 100-year flood hazard area structures which would impede or redirect flood flows.	Implement Mitigation Measure HYD-5.	See HYD-5.	See HYD-5.	See HYD-5.	See HYD-5.		
	<b>Mitigation Measure HYD-6:</b> No flow obstructing fences (chain link, block wall, etc.) shall be constructed along the north and west property lines, since these types of fences obstruct flows causing damage to adjacent properties. Fencing used in these areas shall contain openings of 3 inches high by 6 inches wide for first 18" from the bottom, and openings of 4 inches high by 6 inches wide for the next 8 inches and so forth. This fencing or equivalent shall be provided to allow the free flow of storm or flood runoff. No setback is required with the use of this fencing. A detail of this fencing shall be provided to the County of Riverside.	The Riverside County Planning Department Flood Control District shall verify that proper fencing has been implemented as required by Hydrology-6 of the EIR/EA. The Riverside County Planning Department shall verify the Applicant has provided Riverside County with fencing detail.	Riverside County Flood Control District.	Prior to construction.	Riverside County Flood Control District.		
<b>Contribution Toward Cumulative Hydrology and Water Quality Impacts</b>	Implement Mitigation Measures BIO-9 and HYD-1 through HYD-6.	See BIO-9 and HYD-1 through HYD-6.	See BIO-9 and HYD-1 through HYD-6.	See BIO-9 and HYD-1 through HYD-6.	See BIO-9 and HYD-1 through HYD-6.		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Noise</b>							
<b>Impact NOI-1:</b> Construction of the Project could result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.	<b>Mitigation Measure NOI-1:</b> Construction shall be prohibited in areas within 0.25 mile (1,320 feet) of residents, between the hours of 6:00 p.m. and 6:00 a.m. during the months of June through September and the hours of 6:00 p.m. and 7:00 a.m. during the months of October through May. The construction contractor shall locate equipment staging in areas that will create the greatest distance between construction-related noise sources and noise sensitive receivers nearest the project site during project construction. No music or electronically reinforced speech from construction workers shall be audible at noise-sensitive properties. During all project site construction, the construction contractors shall equip all construction equipment, fixed or mobile, with properly operating and maintained mufflers, consistent with manufacturers' standards. Where feasible, the construction contractor shall place all stationary construction equipment so that emitted noise is directed away from the noise sensitive receptors nearest the project site.	The Riverside County Planning Department shall verify that contractor construction activities do not occur within 0.25 mile (1,320 feet) of residents, from the hours of 6:00 p.m. and 6:00 a.m. during the months of June through September and hours of 6:00 p.m. and 7:00 a.m. during the months of October through May.	Riverside County Planning Department.	During construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department		
	<b>Mitigation Measure NOI-2:</b> Prior to and during construction, decommissioning, and ground disturbing activities, the applicant shall provide at least two weeks' advance notice of construction and decommissioning. Notices shall be mailed directly to land owners and residents within 2,400 feet of the Project boundary, and signs shall be a minimum size of 4 feet high by 6 feet wide and posted at the solar facility in areas accessible to the public. Notices shall announce when and where construction would occur; provide tips on reducing noise intrusion (e.g., closing windows facing the planned construction); and provide contact information for the local public liaison for any noise complaints.	The Riverside County Planning Department shall verify that the Applicant has provided at least two weeks' advance notice of construction and decommissioning.	Riverside County Planning Department.	Prior to and during construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department		
	<b>Mitigation Measure NOI-3:</b> The applicant would implement a Hearing Conservation Program and Personal Protective Equipment Program that would provide personal protective devices for specific jobs that would produce excessive noise levels. The Applicant shall comply with the Occupational Safety and Health Administration's (OSHA) regulations on occupational noise exposure.	The Riverside County Planning Department shall verify that the Applicant has implemented a Hearing Conservation Program and Personal Protective Equipment Program.	Riverside County Planning Department.	Prior to and during construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department		
<b>Impact NOI-2:</b> Construction of the Project could create a substantial temporary or periodic increase in ambient noise levels in the Project vicinity above levels existing without the Project.	Implement Mitigation Measure NOI-1 through NOI-3.	See NOI-1 through NOI-3.	See NOI-1 through NOI-3.	See NOI-1 through NOI-3.	See NOI-1 through NOI-3.		
<b>Impact NOI-4:</b> The Project would be located within an airport land use plan, which could result in the exposure of people working in the Project area to excessive noise levels.	Implement Mitigation Measure NOI-3.	See NOI-3.	See NOI-3.	See NOI-3.	See NOI-3.		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
Paleontological Resources							
<p><b>Impact PALEO-1:</b> The Project could directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.</p>	<p><b>Mitigation Measure PALEO-1:</b> Prior to issuing any grading or excavation permits for activities within any area of the Project area, and prior to any Project-related ground-disturbing activities of that area, the Applicant shall implement procedures to monitor, avoid, and/or recover unique paleontological resources discovered during ground-disturbing activities. These procedures, the Paleontological Resources Monitoring and Mitigation Plan (PRMMP), shall be developed by a qualified vertebrate paleontologist and submitted for approval by the County of Riverside for private lands, and the BLM for BLM-managed lands. The PRMMP shall specify how mitigation measures Paleontology-1, Paleontology-2, and Paleontology-3 shall be implemented. This PRMMP shall be consistent with the provisions of CEQA, as well as with regulations currently implemented by the County of Riverside, the BLM and the proposed guidelines of the SVP. The PRMMP shall include, but not be limited to:</p> <ol style="list-style-type: none"> <li>1. A requirement that, during excavations in areas underlain by geologic units identified as having a high paleontologic sensitivity under Society of Vertebrate Paleontology guidelines (or a PFYC rating of 3b or higher) and likely to contain paleontologic resources, a qualified vertebrate paleontologist, who is a Registered Professional Geologist, shall direct the paleontologic monitoring by a qualified paleontologic monitor. Areas of concern include all previously undisturbed paleontologic sensitive sediments of the fossiliferous Pleistocene Palo Verde Mesa Alluvium, alluvial deposits of the Palo Verde Mesa and alluvial deposits of the McCoy Wash area.</li> <li>2. A requirement that paleontologic monitors be equipped to salvage fossils as unearthed to avoid construction delays and to remove samples of sediments likely to contain the remains of small fossil invertebrates and vertebrates. Monitors shall be empowered to temporarily halt or divert equipment to allow removal of abundant or large specimens.</li> <li>3. Identification of the processes for preparation of recovered specimens to a point of identification. If the paleontologic monitor determines that the resource is unique, it shall be prepared for permanent preservation, including washing of sediments to recover small invertebrates and vertebrates.</li> <li>4. A requirement that a report be prepared documenting all finds with permanent retrievable paleontologic storage for curation of specimens. The paleontologist should have a written repository agreement in hand prior to the initiation of mitigation activities. Mitigation of adverse impacts to unique paleontologic resources is not complete until such curation into an established museum repository has been fully completed and documented.</li> <li>5. A requirement that a report be prepared documenting all finds with an appended itemized inventory of specimens. The report and inventory, when submitted to the County with respect to private lands, and to the BLM with respect to BLM-managed lands, along with confirmation of the curation of recovered unique paleontological specimens into an established, accredited museum repository, would signify completion of the PRMMP to mitigate impacts to paleontologic resources.</li> </ol>	<p>The Riverside County Planning Department shall verify that the Applicant has developed a Paleontological Resources Monitoring and Mitigation Plan (PRMMP) by a qualified vertebrate paleontologist for approval to be submitted for approval by the County of Riverside for private lands..</p>	<p>Riverside County Planning Department.</p>	<p>Prior to issuing any grading or excavation permits.</p>	<p>Riverside County Planning Department</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
	<p><b>Mitigation Measure PALEO-2:</b> Prior to issuance of the first grading permit, a worker training program shall be prepared and include information on the recognition of the types of paleontological resources that could be encountered within the Project area and referral of finds to the paleontologic monitor if they are found. This information shall be presented to Project construction personnel and Project operation and maintenance personnel by a qualified professional paleontologist.</p>	<p>The Riverside County Planning Department shall verify that the Applicant has developed a worker training program, which includes information on the recognition of the types of paleontological resources that could be encountered within the Project area and referral of finds to the paleontologic monitor if they are found.</p>	<p>Riverside County Planning Department</p>	<p>Prior to issuance of the first grading permit.</p>	<p>Riverside County Planning Department</p>		
	<p><b>Mitigation Measure PALEO-3:</b> If construction or other Project personnel discover any potential fossils during construction, operation and maintenance, or decommissioning, the fossils shall be left undisturbed and the paleontological monitor shall be notified immediately and shall then take appropriate actions to evaluate the find in accordance with the PRMMP.</p>	<p>During construction, operation and maintenance, or decommissioning discovery of fossils shall result in work stoppage and notification of responsible parties, and subsequent actions shall be identified in the find in accordance with the PRMMP.</p>	<p>Riverside County Planning Department</p>	<p>During construction, decommissioning, and ground disturbing activities.</p>	<p>Riverside County Planning Department</p>		
<p><b>Contribution Toward Cumulative Paleontological Impacts</b></p>	<p>Implement Mitigation Measures PALEO-1 through PALEO-3.</p>	<p>See PALEO-1 through PALEO-3.</p>	<p>See PALEO-1 through PALEO-3.</p>	<p>See PALEO-1 through PALEO-3.</p>	<p>See PALEO-1 through PALEO-3.</p>		
<p>Traffic and Transportation</p>							
<p><b>Impact TRA-1:</b> The Project could conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness of the performance of the circulation system.</p>	<p><b>Mitigation MeasureTRA-1:</b> A construction phase Traffic Management Plan would be prepared in consultation with Caltrans and Riverside County for the roadway network potentially affected by construction activities at the Project area and off-site gen-tie line facilities. In order to achieve acceptable LOS, the Traffic Management Plan would include a plan to split the workforce and stagger arrival times during peak construction periods along with a traffic LOS and queue monitoring program, as determined necessary by the County's Transportation Department staff. The plan would be based upon the analysis set forth in this EIR. Carpooling shall also be required of contractor employees during the construction phase to help achieve acceptable LOS levels. In addition to the above-mentioned measures, other approaches could be considered to reduce peak hour traffic, such as requiring contractors to arrange employee busing and/or employee participation in park and ride.</p>	<p>The Riverside County Transportation Department and Caltrans shall verify that the Applicant has prepared a TMP.</p>	<p>Riverside County Planning Department and Caltrans.</p>	<p>Prior to construction.</p>	<p>Riverside County Transportation Department and Caltrans.</p>		
	<p><b>Mitigation MeasureTRA-2:</b> The contractor would conduct construction activities in accordance with Caltrans' applicable limitations on vehicle sizes and weights, Construction Excavation Permits obtained from Riverside County, Encroachment Permits from Caltrans, and permits and licenses from the California Highway Patrol and Caltrans for the transport of hazardous substances.</p>	<p>The Riverside County Transportation Department and Caltrans shall verify the contractor has conducted construction activities in accordance with Caltrans' applicable limitations on vehicle sizes and weights.</p>	<p>Riverside County Transportation Department.</p>	<p>During construction, decommissioning, and ground disturbing activities.</p>	<p>Riverside County Transportation Department and Caltrans.</p>		

Resource Area/ Environmental Impact	BMP/Mitigation Measures	Monitoring Method	Responsible Monitoring Party	Monitoring Phase	Verification Approval Party	Date Mitigation Measure Verified or Implemented	Completion Requirement
<b>Impact TRA-2:</b> The Project would not conflict with an applicable congestion management program.	Implement Mitigation Measures TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.		
<b>Impact TRA-3:</b> The Project could result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks; results in a change in air traffic levels or a change in location and result in substantial safety risks.	Implement Mitigation Measures HAZ-2 and HAZ-3.	See HAZ-2 and HAZ-3.	See HAZ-2 and HAZ-3.	See HAZ-2 and HAZ-3.	See HAZ-2 and HAZ-3.		
<b>Impact TRA-4:</b> The Project would substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).	Implement Mitigation Measures TRA-1 and TRA-2	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.		
<b>Contribution Toward Cumulative Traffic and Circulation Impacts</b>	Implement Mitigation Measures TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.	See TRA-1 and TRA-2.		
	<b>Mitigation Measure TRA-3:</b> Construction traffic coordination shall be required to address potential cumulative traffic issues associated with concurrent construction of several large projects with large workforces, approximately from 2015 through 2017. The Applicant shall coordinate construction traffic with applicable traffic management (e.g., Caltrans, Riverside County, and City of Blythe) as well as BLM representatives, as determined appropriate and necessary by the listed agencies. The Applicant shall also coordinate construction traffic with other proponents of renewable energy projects in the I-10 corridor. Cumulatively considerable projects shall be identified and the appropriate staggered arrival times or other approaches (such as busing, park and ride, or carpooling) will be prescribed to achieve an acceptable LOS	The Riverside County Planning Department, Caltrans, BLM, and City of Blythe shall verify that the Applicant has coordinated construction traffic.	Riverside County Planning Department.	During construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department, Caltrans, BLM, and City of Blythe		