#	Environmental Factor	Mitigation	Action Required	When Monitoring to Occur	Responsible Agency or Party	Monitoring Agency or Party
3.1	Aesthetics	MM AES-1: Any lighting that may be installed in specific locations within the project site, as required for nighttime security purposes, shall consist of modern, low-intensity, downward-shielded fixtures that are motion activated, and would be directed onto the project site. All lighting would comply with the requirements of the Los Angeles County Code Title 22, Chapter 22.80, Rural Outdoor Lighting District. Motion detectors shall be set at a sensitivity level that cannot be triggered by small animal movement or vehicular traffic.	A. Submit a lighting plan to Regional Planning. B. Install project lighting as specified and approved.	A. Prior to the issuance of the building permit. B. During construction and throughout operational life of the project.	AES	County of Los Angeles Department of Regional Planning (LACDRP)
3.2	Agriculture / Forest	MM AGR-1: A farmland restoration component would be included in the project's Decommissioning Plan. As discussed in Section 2.7, pre-construction conditions would be documented by digital photography and used as references to adequately restore the project site to its previous condition. This information would be reviewed before decommissioning demolition documents are prepared and would be included in the submittal of an Existing Conditions Report to the County. Pre-construction documentation would also include descriptions of existing topography and drainage patterns. In order to restore the site to pre-construction conditions, activities may consist of de-compaction of the topsoil by disking or tilling and fertilization. Restoration efforts and monitoring would be continued until the success criteria outlined in the Site Restoration Plan are met. Upon completion of the project site restoration, a Final Restoration Monitoring Report would be submitted to the County documenting the restoration process and results. Implementation of the Decommissioning Plan and Site Restoration Plan would restore the project site to conditions such that agriculture would be feasible if water becomes available in the future.	 A. Document pre- construction conditions for reference. B. Submit an Existing Conditions Report to DRP for review. C. Submit a Decommissioning Plan and Restoration Plan prior to obtaining a demolition, grading, or building permit for DRP review and approval. D. Comply with farmland restoration component of the project's Decommissioning Plan. 	A. Prior to the issuance of the grading permit. B. Prior to the issuance of the grading permit. C. Prior to the issuance of the demolition, grading, or building permits. D. As required by the Decommissioning Plan	AES	LACDRP

3.3	Air Quality	MM AQ-1: Minimize Exposure to Potential Valley	A. Submit a Dust Control Plan A.	Prior to the issuance of the	AES	LACDRP/ AVAQMD
		Fever–Containing Dust. To minimize personnel and public		ilding permit.	/	
		exposure to potential Valley Fever-containing dust on and		During construction		
		off site, the following control measures shall be		During construction		
		implemented during project construction:	scheduling, soil stockpiles,			
		-Equipment, vehicles, and other items shall be thoroughly	water appication, soil binding,			
		cleaned of dust before they are moved off site to other	monitoring, valley fever, and			
		work locations.	high wind. Provide the			
		-Wherever possible, grading and trenching work shall be	County with approved copy of			
		phased so that earth-moving equipment is working well	the approved Dust Control			
		ahead or downwind of workers on the ground.	Plan. B.			
		-Water all active construction areas at least three times	Comply with Dust Control			
		daily, or as often as needed to control dust emissions.	Plan and measures while			
		Watering should be sufficient to prevent airborne dust	monitoring and keeping			
		from leaving the site. Increased watering frequency may	records of this mitigation			
		be necessary whenever wind speeds exceed 15 miles per	measure. Present records to			
		hour. Reclaimed water should be used whenever	AVAQMD and the County			
		possible. The area immediately behind grading or	upon request.			
		trenching equipment shall be sprayed with water before	C. Provide Valley Fever			
		ground workers move into the area.	information and training on			
		-In the event that a water truck runs out of water before	personal protective			
		dust is sufficiently dampened, ground workers being	equipment to staff and onsite			
		exposed to dust shall leave the area until a truck can	construction personnel, and			
		resume water spraying.	present records to AVAQMD			
		-Pave, apply water three times daily or as often as	and County upon request.			
		necessary to control dust, or apply (non-toxic) soil	D. Implement a Valley Fever			
		stabilizers on all unpaved access roads, parking areas,	Management Plan approved			
		and staging areas at construction sites.	by the County Department of			
		-Sweep daily (with water sweepers using reclaimed water	Public Health.			
		if possible), or as often as needed, all paved access				
		roads, parking areas, and staging areas at the				
		construction site to control dust.				
		-Sweep public streets daily (with water sweepers using				
		reclaimed water if possible) in the vicinity of the project				
		site, or as often as needed, to keep streets free of visible				
		soil material.				
		-Hydroseed or apply non-toxic soil stabilizers to inactive				
		construction areas.				
		-Enclose, cover, water three times daily, or apply non-toxic				
		soil binders to exposed stockpiles (dirt, sand, etc.).				

3.4	Biological Resources	MM BIO-2: Pre-Construction Burrowing Owl Take Avoidance Survey. Qualified biologists will conduct a preconstruction burrowing owl survey throughout the study area no less than 14 days prior to the start of construction or ground disturbing activities. Survey methodology shall follow that described in the 2012 CDFW Staff Report on Burrowing Owl Mitigation as appropriate for the season in which the preconstruction surveys commence. Owl surveys can be conducted concurrently with preconstruction desert kit fox and American badger surveys as described below in MM BIO-8. If no owls are found within the study area, construction may proceed as planned. If burrowing owls are detected on site, no ground- disturbing activities, such as vegetation clearance or grading, will be permitted within a buffer of no fewer than 330 feet (100 meters) from an occupied burrow during the breeding season (February 1–August 31). During the nonbreeding (winter) season (September 1–January 31), ground-disturbing work may proceed near active burrows as long as the work occurs no closer than 165 feet (50 meters) from the burrow. Depending on the level of disturbance, if smaller buffers are set, they will be per established CDFW protocol. If active burrows cannot be avoided, a Burrowing Owl Exclusion Plan will be prepared following established CDFW protocols. The plan shall describe all necessary measures to minimize impacts on burrowing owls during passive relocation, including details on how owls will be removed and excluded from burrows, the methodology to do so, where the owls will be moved to, and whether any follow-up monitoring will be required.	burrowing owl survey	A. Prior to the issuance of the grading permit B. Prior to the issuance of the building permit.	AES	LACDRP/CDFW
		CDFW protocols. The plan shall describe all necessary measures to minimize impacts on burrowing owls during passive relocation, including details on how owls will be removed and excluded from burrows, the methodology to do so, where the owls will be moved to, and whether any				
3.4	Biological Resources	MM BIO-3: Workers will be prohibited from bringing pets to the project site and from feeding, harassing, collecting, or otherwise harming wildlife.	Inform workers prior to and during construction about this measure.	During construction	AES	LACDRP

3.4 Biological Resources	MM BIO-4: Burrowing owls, mammals, and nesting birds can use construction pipes, culverts, or similar structures for refuge or nesting. Therefore, all construction pipes, culverts, or similar structures with a diameter of 4 inches or more that are stored at a construction site for one or more overnight periods will be covered or capped while in storage, or will otherwise be thoroughly inspected for special-status wildlife or nesting birds before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If an animal is discovered inside a pipe, that section of pipe will not be moved until a biologist has been consulted and the animal has either moved from the	Requires the capping and/or inspection of construction pipes, culverts, or similar structures.	During construction	AES	LACDRP / CDFW
3.4 Biological Resources	structure on its own accord or until the animal has been captured and relocated by a biologist. MM BIO-5: To prevent inadvertent entrapment of wildlife	Requires covering excavated,	During construction	AES	LACDRP / CDFW
	during construction or decommissioning activities, all excavated, steep-walled holes or trenches more than 2 feet deep will be covered with plywood or similar materials at the close of each working day, or provided with one or more escape ramps constructed of earth fill or secured wooden planks measuring at least 12 inches wide. Larger excavations and trenches measuring 100 feet or greater will be outfitted with at least two escape ramps and one every 100 feet. All holes and trenches, whether covered or not, will be inspected for trapped wildlife at the start and end of each workday. Immediately before such holes or trenches are filled, they will be thoroughly inspected by the biological monitor for trapped wildlife. If trapped animals are observed, escape ramps or structures will be installed immediately to allow escape. If a listed species is found trapped, all work will cease immediately in the vicinity of the trapped animal. If the animal is apparently uninjured, then a biologist will directly supervise the provision of escape structures and/or trench modification to allow the trapped animal to escape safely. Work will not resume in the vicinity of the animal, and it will be allowed to leave the animal and bring it to a pre-identified veterinary/rehabilitation facility and notify the USFWS and/or CDFW of the incident.	steep-walled holes or trenches and/or providing escape ramps.			

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3.4	Biological Resources	MM BIO-6: Nesting Raptors and Migratory Birds. Initial	5	Prior to construction and during	AES	LACDRP
		ground disturbance and vegetation removal will be	outside nesting bird season	construction		
		scheduled outside the nesting bird season (approximately				
		February 1 to September 15), if feasible.	surveys.			
		If construction cannot be scheduled outside of the nesting				
		bird season, a qualified wildlife biologist will conduct pre-				
		construction surveys of all potential nesting habitat within				
		the project site. Preconstruction surveys for nesting				
		raptors will cover potential raptor nesting sites within 500				
		feet of the project site and within 100 feet of the project				
		site for all other migratory birds, where accessible.				
		Surveys will be conducted no more than 3 days prior to				
		construction activities, and the surveying biologist must be				
		qualified to determine the status and stage of nesting				
		without causing intrusive disturbance.				
		If active nests are detected during the preconstruction				
		surveys, a suitable buffer from construction activities (500				
		feet for raptors and up to 300-feet for other species, at the				
		discretion of the qualified biologist) will be applied until a				
		qualified biologist has determined that the nest is no				
		longer active (e.g., the nestlings have fledged or the nest				
		has failed). A qualified biologist will check the nest status				
		at least once per week, using the least invasive method				
		feasible (e.g. observation with binoculars from a distance).				
		These buffers may be reduced at the discretion of a				
		qualified biologist with sufficient avian experience as long				
		as the nesting birds continue to behave normally and do				
		not show signs of stress caused by construction.				
3.4	Biological Resources	MM BIO-7: Trash Management. During Construction,		During construction	AES	LACDRP
		trash and food items will be contained in closed containers				
		and removed daily to reduce the attractiveness to	and removed daily.			
		opportunistic predators, such as common ravens,				
		coyotes, and feral dogs. Fruit peels, nut and seed shells,				
		eggshells, chicken bones, and other food waste are not				
		natural to the desert and will be placed in a trash				
		receptacle.				

3.4	Biological Resources	MM BIO-8: Burrow Surveys. Preconstruction burrow surveys will be conducted by a qualified biologist for the presence of American badger or desert kit fox dens no more than 14 days prior to commencement of construction activities. If dens are detected, each den will be classified as inactive, potentially active, active non- natal, or active natal. Active dens will be flagged and project activities within 200 feet (non-natal dens) or 500 feet (natal dens) should be avoided. Buffers may be modified by the qualified biologist, in coordination with CDFW and with notification to the County. Active natal dens (i.e., any den with cubs or pups) will not be excavated or passively relocated.	Conduct preconstruction burrow surveys for American badger and/or desert kit fox.	14 days prior to construction	AES	LACDRP / CDFW
3.5	Cultural Resources	MM CUL-1: Prior to the issuance of any grading permit, applicants shall provide written evidence to the County of Los Angles that a County-certified archaeologist has been retained to observe grading activities greater than six feet in depth and salvage and catalogue archaeological resources as necessary. The archaeologist shall be present at the pre-grade conference, shall establish procedures for archaeological resource surveillance, and shall establish, in cooperation with the applicant, procedures for temporarily halting or redirecting work to permit the sampling, identification, and evaluation of the artifacts as appropriate. If the archaeological resources are found to be significant, the archaeological observer shall determine appropriate actions, in cooperation with the project applicant, for exploration and/or salvage. Prior to the release of the grading bond the applicant shall obtain approval of the archaeologist's follow-up report from the County. The report shall include the period of inspection, an analysis of any artifacts found and the present repository of the artifacts. Applicant shall prepare excavated material to the point of identification. Applicant shall offer excavated finds for curatorial purposes to the County of Los Angeles, or its designee, on a first refusal basis. These actions, as well as final mitigation and disposition of the resources, shall be subject to the approval of the County. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County or its designee, all in a manner meeting the approval of the County. Unanticipated discoveries shall be evaluated for cignificance by a County certified archaeologist. If the	 B. Construction manager or delegated monitor for cultural resource will be on-site during all construction activities to ensure compliance with this measure and keep documentation of compliance. C. Notify archaeologist and Native American Monitor if cultural resources are encountered during construction. 	A. Prior to construction B and C. During construction	AES	LACDRP

3.5	Cultural Resources	MM CUL-2: In the event cultural resources are	A. Retain a Native American	A. Prior to construction	B	AES	LACDRP
0.0		encountered during construction of the project, all ground-		and C. During construction	-	, .20	ENODIN
			B. Construction manager or				
		cease and a Native American Monitor shall be notified of	delegated Native American				
		the find. The Native American Monitor shall make	Monitor will be on-site during				
		recommendations to the Lead Agency on the measures	all construction activities to				
		that shall be implemented to protect the discovered	ensure compliance with this				
		resources, including but not limited to recordation and	measure and keep				
		excavation of the finds and evaluation and processing of	documentation of				
		the finds in accordance with § 15064.5 of the CEQA	compliance.				
		Guidelines. Potentially significant cultural resources	C. Notify archaeologist and				
		consist of, but are not limited to, stone, bone, fossils,	Native American Monitor if				
		wood or shell artifacts or features, including hearths,	cultural resources are				
		structural remains, or historic dumpsites.	encountered during				
		If the resources are determined to be unique historic	construction.				
		resources as defined under § 15064.5 of the CEQA					
		Guidelines, Mitigation Measures shall be identified by the					
		monitor and recommended to the Lead Agency.					
		Appropriate Mitigation Measures for significant resources					
		could include but not be limited to avoidance or capping,					
		incorporation of the site in green space, parks, or open					
		space, or data recovery excavations of the finds.					
		No further earthwork shall occur in the area of the					
		discovery until the Lead Agency approves the measures					
		to protect these resources. Any archaeological artifacts					
		recovered because of mitigation would be donated to a					
		qualified scientific institution approved by the Lead					
		Agency where they would be afforded long-term					
		preservation to allow future scientific study.					
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3.5		the necessary findings as to origin and disposition pursuant to CEQA regulations and PRC § 5097.98.	delegated monitor will be on- site during all construction	During construction	AES	
3.5	Cultural Resources		Contact SMBMI if cultural resources are discovered during construction. Prepare a cultural resources Monitoring and Treatment		AES	
			Plan if the find is significant. Allow a SMBMI monitor if elected. Provide archaeological/ cultural documents to the applicant and Lead Agency for dissemination to SMBMI.			

3.6	Geology / Soils	, , , , , , , , , , , , , , , , , , , ,		Prior to construction and during	AES	
			paleontologist to develop and	construction		
		Los Angles that a County-certified paleontologist has been e	0			
		retained to observe grading activities greater than six feet F	Resources Mitigation and			
		in depth and salvage and catalogue paleontological	Nonitoring Plan and retain a			
		resources as necessary. The paleontologist shall develop p	paleontological monitor.			
		and execute a PRMMP, shall be present at the pre-grade				
		conference, shall establish procedures for paleontologist				
		resource surveillance, and shall establish, in cooperation				
		with the applicant, procedures for temporarily halting or				
		redirecting work to permit the sampling, identification, and				
		evaluation of the artifacts as appropriate. The PRMMP				
		would outline the procedures to follow with respect to				
		paleontological resources (e.g. monitoring protocols,				
		curation, data recovery of fossils, reporting). If fossils are				
		found during such excavation, the paleontological monitor				
		shall be authorized to halt ground-disturbing activities				
		within 25 feet of the find in order to allow evaluation of the				
		find and determination of appropriate treatment according				
		to the Program.				
		If the paleontological resources are found to be				
		significant, the paleontologist observer shall determine				
		appropriate actions, in cooperation with the project				
		applicant, for exploration and/or salvage.				
		Prior to the release of the grading bond the applicant shall				
		obtain approval of the paleontologist's follow-up report				
		from the County. The report shall include the period of				
		inspection, an analysis of any artifacts found and the				
		present repository of the artifacts. Applicant shall prepare				
		excavated material to the point of identification. Applicant				
		shall offer excavated finds for curatorial purposes to the				
		County of Los Angeles, or its designee, on a first refusal				
		basis. These actions, as well as final mitigation and				
		disposition of the resources shall be subject to the				

3.8	Greenhouse Gas	MM GHG-1: Implement Diesel Emission-Reduction		Prior to and during construction	AES	LACDRP
	Emissions	Measures During Construction. To control emissions	attestation to the County prior			
			to commencement of			
		its contractor(s) shall implement the following measures	construction activities as			
		during construction of the proposed project, subject to	detailed in the preceding			
		verification by the County:	column.			
		1. Electric equipment shall be used to the extent feasible	Install signage to limit idling			
		in lieu of diesel or gasoline-powered equipment.	time to less than 3 minutes.			
		2. If procurement of electric equipment is not feasible, off-				
		road equipment engines over 50 horsepower shall be				
		equipped with EPA Tier 4 or Tier 4 Interim (i), unless Tier				
		4/4i construction equipment is not available within 50				
		miles of the project site.				
		3. If procurement of Tier 4/4i equipment is not feasible, off-				
		road equipment engines over 50 horsepower shall be				
		equipped with EPA Tier 3, unless Tier 3 construction				
		equipment is not within 50 miles of the project site.				
		4. The project proponent/operator and/or its leading				
		contractor shall submit a letter of attestation to the County				
		prior to commencement of construction activities stating				
		that electric, Tier 4/4i, or Tier 3 equipment shall be used,				
		or that those technologies are not available.				
		5. Construction-related equipment, including heavy-duty				
		equipment, motor vehicles, and portable equipment, shall				
		be turned off when not in use. Maximum idling time shall				
		be reduced to less than 3 minutes.				
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3.9	Materials	 MM HAZ-1: Prepare and Implement a Soil Management Plan. Prior to the commencement of soil-disturbing construction activities, AES shall retain a licensed Professional Geologist, Professional Engineering Geologist, or Professional Engineer with experience in contaminated site redevelopment and restoration to prepare and submit a Soil Management Plan to the County for review and approval. After the County's review and approval, AES shall implement the Soil Management Plan, which shall include the following components, as applicable: A Site Contamination Characterization Report (Characterization Report) delineating the vertical and lateral extent and concentration of residual contamination from the site's past uses in areas where soil would be disturbed. The Characterization Report shall include a compilation of data based on historical records review and from prior reports and investigations and, where data gaps are found, include new soil sampling to characterize the existing vertical and lateral extent and concentration of residual contamination. The Characterization Report will determine whether a Soil Testing and Profiling Plan, a Soil Disposal Plan, and a Site Worker Health and Safety Plan are necessary. These additional plans are described below. A Soil Testing and Profiling Plan (Testing and Profiling Plan) for materials that shall be disposed of during construction. Testing shall occur for all potential contaminants of concern, which may include CA Title 22 metals, PAHs, VOCs, herbicides, pesticides, PCBs, TPH, PAHs, or any other potential contaminants, as specified within the Testing and Profiling Plan. The Testing and Profiling Plan shall document compliance with CA Title 22 	Retain a licensed Professional Geologist, Professional Engineering Geologist, or Professional Engineer with experience in contaminated site redevelopment and restoration to prepare and implement a Soil Management Plan.	Prior to and during construction	AES	LACDRP/LACDPW
3.9	Materials	for proper identification and segregation of bazardous and MM HAZ-2: Characterize and Dispose of Contents of 55- Gallon Drum. Prior to obtaining a grading permit, AES shall retain a licensed Professional Geologist, Professional Engineering Geologist, or Professional Engineer with experience in hazardous materials characterization to sample the contents of the 55-gallon drum and dispose of the contents in accordance with all federal, state, and local regulations. The City of Los Angeles has a Conditionally Exempt Small Quantity Generator (CESQG) program for collecting Hazardous Waste from businesses in Los Angeles County. The project applicant may contact the City Program at (213) 485-2260 for available options for the 55-gallon drum found within the project area.	Retain a licensed Professional Geologist, Professional Engineering Geologist, or Professional Engineer to sample the contents of the 55-gallon drum and dispose of the contents.	Prior to construction	AES	LACDRP/LACDPW

3.13	construction contractor(s) shall adhere to the following construction noise abatement and avoidance measures: • Perform the majority of work during weekdays and daytime hours, or as described in Section 12.08 of the Los Angeles County Code and Chapter 8.36 of the Kern County Code of Ordinances. Limit haul deliveries to the same hours specified for operation of construction equipment.	noise abatement and avoidance measure in the preceding column.	During construction	AES	LACDRP
3.18	MM CUL-1, MM CUL-2, and MM CUL-3, as described above	Notify archaeologist and Native American Monitor if cultural resources are encountered during construction. Notify the county coroner if human remains are encountered during construction.	During construction	AES	LACDRP

3.18	Tribal Cultural Resources	MM TCR-1: The San Manuel Band of Mission Indians Cultural Resources Department (SMBMI) shall be contacted, as detailed in CR-1, of any pre-contact and/or historic-era cultural resources discovered during project implementation, and be provided information regarding the nature of the find, so as to provide Tribal input with regards to significance and treatment. Should the find be deemed significant, as defined by CEQA (as amended, 2015), a cultural resources Monitoring and Treatment Plan shall be created by the archaeologist, in coordination with SMBMI, and all subsequent finds shall be subject to this Plan. This Plan shall allow for a monitor to be present that represents SMBMI for the remainder of the project, should SMBMI elect to place a monitor on-site.	Contact SMBMI if cultural resources are discovered during construction. Prepare a cultural resources Monitoring and Treatment Plan if the find is significant. Allow a SMBMI monitor if elected.	During construction	AES	LACDRP
3.18	Tribal Cultural Resources	MM TCR-2: Any and all archaeological/cultural documents created as a part of the project (isolate records, site records, survey reports, testing reports, etc.) shall be supplied to the applicant and Lead Agency for dissemination to SMBMI. The Lead Agency and/or applicant shall, in good faith, consult with SMBMI throughout the life of the project.	Provide archaeological/ cultural documents to the applicant and Lead Agency for dissemination to SMBMI.	During construction	AES	LACDRP

* In the "#" column, the number before the decimal should always correspond with the chapter number in the initial study.