Appendix D5: Riverside Energy Resource 96 MW Project
5950 Acorn Ave, Riverside

Environmental Topic	Impact(s)	Mitigation	Conclusion
Aesthetics	Not evaluated in document	None identified in document	Not identified in document
Agricultural	Not evaluated in document	None identified in document	Not identified in document
Air Quality - Construction	**PROJECT SPECIFIC:** The air quality effects resulting from RERC's construction will be of two types: dust kicked up by construction equipment, and tailpipe emissions from the equipment. Impacts from dust particulate matter of 10 microns or less in diameter (known as PM10), and from tailpipe emissions of oxides of nitrogen (NOx), may be significant. The maximum impacts during initial site preparation will be very short-lived: three weeks or less, with the worst potential dust impacts coming in a three- to four-day period when the higher silt content topsoil is being handled. Observations of visible dust plumes that have the potential to be transported (1) off the project site or (2) 200 feet beyond the centerline of the construction of linear facilities or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not resulting in effective mitigation. **CUMULATIVE:** There is no factual basis for that there will be significant cumulative impacts (according to the document).	The on-site Air Quality Construction Mitigation Manager shall submit, in a monthly report, a construction mitigation report that demonstrates compliance with the following mitigation measures: a) All unpaved roads and disturbed areas in the project and linear construction sites shall be watered until sufficiently wet. The frequency of watering can be reduced or eliminated during periods of precipitation. b) No vehicle shall exceed 10 miles per hour within the construction site. c) The construction site entrances shall be posted with visible speed limit signs. d) All construction equipment vehicle tires shall be washed or cleaned free of dirt prior to entering paved roadways. e) Gravel ramps of at least 20 feet in length must be provided at the tire washing/cleaning station. f) All entrances to the construction site shall be graveled or treated with water or dust soil stabilization compounds. g) No construction vehicles can enter the construction site unless through the treated entrance roadways. h) Construction areas adjacent to any paved roadway shall be provided with sandbags to prevent run-off to the roadway. i) All paved roads within the construction site shall be swept twice daily when construction activity occurs. j) At least the first 500 feet of any public	Mitigated to less than significant.

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		roadway exiting from the construction site shall be swept twice daily on days when construction activity occurs, and twice daily on any other day when dirt or runoff from the construction site is visible on the public roadways. k) All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or be treated with appropriate dust suppressant compounds. l) All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least one foot of freeboard. m) Wind erosion control techniques, such as windbreaks, water, chemical dust suppressants, and vegetation shall be used on all construction areas that may be disturbed. Any windbreaks used shall remain in place until the soil is stabilized or permanently covered with vegetation. n) Any construction activities that may cause fugitive dust in excess of the visible emission limits specified in Condition AQ-C4 shall cease when the wind exceeds 25 miles per hour unless water, chemical dust suppressants, or other measures have been applied to reduce dust to the limits set forth in AQ-C4. o) The heavy traffic areas, any onsite construction parking areas and equipment and material laydown areas shall be covered with crushed stone after they have been graded. Additionally the crushed stone surface shall be maintained by watering or other appropriate measure to limit dirt that	

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		may be tracked on or may otherwise over time cover the crushed stone. p) Diesel Fired Engines (1) All diesel-fueled engines used in the construction of the facility shall be fueled only with ultra-low sulfur diesel, which contains no more than 15 ppm sulfur. (2) All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM that shows the engine meets the conditions set forth herein. (3) All large construction diesel engines, which have a rating of 50 hp or more, shall meet, at a minimum, the Tier 1 ARB/EPA certified standards for off-road equipment unless certified bythe on-site AQCMM that a certified engine is not available for a particular item of equipment. All large construction diesel engines, which have a rating of 50 hp or more, where a Tier 1 or better ARB/EPA certified engine was not available shall be equipped with catalyzed diesel particulate filters (soot filters), unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for the specific engine types. (4) Equipment will be properly maintained in accordance with manufacturer guidelines (5) Engine idling for all onroad and off-road diesel-fueled equipment shall be limited to no more than five minutes, as practical. NOTE: Where mitigation measures identical to or similar to those provided in (a) through (n) are required in District Rule 403, the most stringent requirement shall apply and be identified in the Air Quality Construction Mitigation Plan; except when the requirements	

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		listed in (a) through (n) would conflict with the implementation and compliance with a District rule requirement. Any conflict between mitigation measures (a) through (n) and District Rule 403 will be identified in the AQCMP. q) The site shall be pre-irrigated for a week prior to initiating the site preparation activities. r) Applicant shall restrict public access to areas within the 50 µg/m3 and 1.0 µg/m3 isopleths during the period of heavy earthmoving. *The following procedures for additional mitigation measures in the event that such visible dust plumes are observed:* Step 1: The AQCMM shall direct more intensive application of the existing mitigation methods within 15 minutes of making such a determination. Step 2: The AQCMM shall direct implementation of additional methods of dust suppression if step 1 specified above fails to result in adequate mitigation within 30 minutes of the original determination. Step 3: The AQCMM shall direct a temporary shutdown of the activity causing the emissions if step 2 specified above fails to result in effective mitigation within one hour of the original determination. The activity shall not restart until the AQCMM is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the shutdown source. The owner/operator may appeal to the CPM any directive from the AQCMM to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless	

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		overruled by the CPM before that time. Construction activities shall be limited to an eleven-hour per day schedule, and activities that may cause fugitive dust shall not begin before 7 am daily. To limit the creation of fugitive dust, during initial site preparation/grading activities the use of mass earthmoving equipment shall be limited to no more than eight hours per day, occurring between the hours of 7 am to 4 pm.	
Air Quality - Operation	**PROJECT SPECIFIC:** The RERC project will emit air pollutants through its exhaust stacks throughout its lifetime. Those emissions have been fully mitigated ("offset," in the vernacular of air quality law) in accordance with SCAQMD rules and the principles of CEQA. **CUMULATIVE:** There is no factual basis for that there will be significant cumulative impacts (according to the document).	The project owner shall provide emission reductions in the amounts of 7,930 lbs/year of PM10, 2,600 lbs/year of VOC, and 736 lbs/year of SO2. Any diesel retrofit reductions shall be from combustion sources within CPM approved proximity of the project site and shall be fully implemented no later than the start of project commissioning activities. The emission reductions shall be developed from any combination of the following sources: 1. The retrofit of emission controls on diesel powered school buses within the Riverside School District or directly adjacent school districts. 2. The retrofit of emission controls on diesel powered equipment under the direct or contracted control of the City of Riverside. 3. The reduction or elimination of other combustion sources within the city boundaries of the City of Riverside as approved by the CPM. 4. Any remaining emission reductions not provided as specified above from their voluntary surrender and retirement of emission reduction credits or RECLAIM trade credits banked with the South Coast Air Quality Management District and approved by the CPM. 5. Turbine emissions shall not exceed 3	Mitigated to less than significant.

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		lbs/hour/turbine PM10 or an equivalent emission limitation imposed by the South Coast Air Quality Management District. 6. Hours of operation for the project shall be limited to 1330 hours per turbine annually or a comparable emissions limitation imposed by the South Coast Air Quality Management District. The project owner shall verify or provide any minor revisions to the PM10, VOC and SO2 emissions levels provided above based on the final South Coast Air Quality Management District air quality permit annual potential to emit limits for each of the three listed pollutants, as well as, any revised emission estimates for equipment exempt from South Coast Air Quality Management District permitting (such as the cooling tower and ZLD system).	
Biological Resources – Construction	**PROJECT SPECIFIC:** Potential construction impact of electrocutions of large birds from the installation of transmission lines and all electrical components, as well as impact to burrowing owls. **CUMULATIVE:** None identified.	• The project owner shall design, install and maintain transmission lines and all electrical components in accordance with the Avian Power Line Interaction Committee, *Suggested Practices for Raptor Protection onPower Lines: The State of the Art in 1996* to reduce the likelihood of electrocutions of large birds. • The project owner must provide written verification to the Compliance Project Manager (CPM) that the project has purchased a minimum of 12 acres of credit at the current fee level adopted by Riverside County for the Western Riverside County Multiple Species Habitat Conservation Plan prior to the start of any project-related construction activities. • The biological monitor shall complete the following measures: 1. Two preconstruction surveys for	Mitigated to less than significant.

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		burrowing owls shall be completed; the first at least 14 days prior to site mobilization and the second 48 hours prior to site mobilization. If burrowing owls are present on the site or along the linear facilities then the California Department of Fish and Game (CDFG) guidelines (1995) shall be implemented prior to the initiation of ground disturbing activities; 2. If one way doors are used to exclude burrowing owls, the burrows shall be monitored and hand excavated to ensure the individual has evacuated the burrow prior to ground disturbing activities. 3. At least two artificial burrows shall be constructed in the slope around the site, with an additional two artificial burrows for each active burrow used by a wintering or nesting burrowing owl; 4. A preconstruction survey immediately prior to ground disturbing activities and boulder removal to ensure clearance of sensitive species. A biological monitor shall be present during boulder removal; 5. Construction activities shall maintain a 500 foot setback from the riparian corridor during the least Bell vireo's nesting season; 6. Environmental awareness training of all construction personnel to recognize sensitive habitat areas and sensitive species; 7. Species specific avoidance and take minimization measures shall be implemented if a sensitive species is found on site in preconstruction surveys that was not previously encountered. Measures may include relocation of the animal as advised by CDFG and the US Fish and Wildlife Service. The Energy Commission shall be	

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		notified prior to measures being implemented; and 8. The applicant shall prepare an end of construction report that discusses sensitive species encountered, monitoring performed, mitigation measures implemented, and the success of those measures.	
Biological Resources - Operation	**PROJECT SPECIFIC:** As noted in the Biological Resources impact from construction, electrocutions of large birds from the installation and operation of transmission lines and all electrical components. However, mitigation measures during construction should reduce the likelihood. **CUMULATIVE:** None identified.	None identified in document	Not identified in document
Cultural Resources - Construction	**PROJECT SPECIFIC:** The ground will be disturbed during the construction phase of the project which has a potential effect on cultural resources. **CUMULATIVE:** None identified.	Prior to the start of ground disturbance, the project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternates, if alternates are needed, to manage all monitoring, mitigation and curation activities. The CRS may elect to obtain the services of Cultural Resource Monitors (CRMs) and other technical specialists, if needed, to assist in monitoring, mitigation and curation activities. The project owner shall ensure that the CRS evaluates any cultural resources that are newly discovered or that may be affected in an unanticipated manner for eligibility to the California Register of Historic Resources (CRHR). No ground disturbance shall occur prior to City of Riverside Historic Preservation Specialist approval of the CRS, unless specifically approved by the City of Riverside Historic Preservation Specialist. Prior to the start of ground disturbance, the project owner shall provide the CRS and the	Mitigated to less than significant.

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		City of Riverside Historic Preservation Specialist with maps and drawings showing the footprint of the power plant and all linear facilities. The City of Riverside Historic Preservation Specialist shall review submittals and in consultation with the CRS approve those that are appropriate for use in cultural resources planning activities. At a minimum, the CRS shall consult weekly with the project construction manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. No ground disturbance shall occur prior to City of Riverside Historic Preservation Specialist approval of maps and drawings, unless specifically approved by the City of Riverside Historic Preservation Specialist. *The project owner shall ensure that:* 1. All cultural resources encountered shall be recorded on a Department of Parks and Recreation (DPR) form 523 and mapped (may include photos). In addition, all archaeological materials collected as a result of the archaeological investigations (survey, testing, and data recovery) shall be curated in accordance with State Historical Resources Commission "Guidelines for the Curation of Archaeological Collections," into a retrievable storage collection in a public repository or museum. The public repository or museum must meet the standards and requirements for the curation of cultural resources set forth at Title 36 of the Federal Code of Regulations, Part 79. Copies of any DPR forms shall be provided to the City of Riverside, Historic Preservation Specialist. 2. All applicable curation fees are paid by the project owner, and any agreements	

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		concerning curation are retained and available for audit for the life of the project. 3. The CRS prepares and presents a training program (video or on-site presentation) to all employees hired during periods of ground disturbance. The training shall include applicable laws and at a minimum photos of artifacts that might be encountered in the local area. 4. If there is a discovery and a research design has not been approved by the City of Riverside Historic Preservation Specialist, then construction will remain halted until the project area research design is approved. A research design that includes a discussion of research questions and testable hypotheses applicable to the project area would be prepared for any resource where data recovery is required. The research design shall contain lists of artifacts and other cultural materials that would be collected because they contribute information to answer the research questions. (A research design may be prepared and reviewed at any time prior to a discovery). The project owner shall ensure that the CRS, alternate CRS, or CRMs shall monitor ground disturbance full-time wherever native sediments would be disturbed at project site. Cultural resources monitoring shall not continue below bed rock. After overburden has been removed in locations where power poles will be installed, the CRS shall examine the soils and determine whether native sediment will be disturbed. If native sediments will be disturbed, cultural resources monitoring shall be conducted full-time. CRMs	

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		shall keep a daily log of any monitoring or cultural resource activities and the CRS shall prepare a weekly summary report on the progress or status of cultural resources-related activities. The CRS may informally discuss cultural resource monitoring and mitigation activities with the City of Riverside Historic Preservation Specialist and Energy Commission technical staff. Cultural resources monitoring activities are the responsibility of the CRS. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS or direction to a monitor to relocate monitoring activities by anyone other than the CRS shall be considered non-compliance with these conditions of exemption. If Native American artifacts are discovered, a Native American monitor shall be obtained to monitor ground disturbance. Informational lists of concerned Native Americans and guidelines for monitoring shall be obtained from the Native American Heritage Commission. Preference in selecting a monitor shall be given to Native Americans with traditional ties to the area that shall be monitored. After all ground disturbance has been completed, the project owner shall submit the Cultural Resources Report (CRR) to the City of Riverside Historic Preservation Specialist for approval. The CRR shall be written by the CRS and shall be provided in the Archaeological Resource Management Reports (ARMR) format. The CRR shall report on all field activities including dates, times and locations, findings, samplings and analysis. All survey reports, Department of Parks and Recreation (DPR) 523 forms and additional research reports not	

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		previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. The project owner shall grant authority to halt construction to the CRS, alternate CRS and the CRMs in the event previously unknown cultural resource sites or materials are encountered, or if known resources may be impacted in a previously unanticipated manner (discovery). Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. In the event cultural resources are found or impacts can be anticipated, construction shall be the halted or redirected and shall remain halted or redirected until all of the following have occurred: 1. The CRS has notified the project owner, and the City of Riverside Historic Preservation Specialist has been notified within 24 hours of the discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning, including a description of the discovery (or changes in character or attributes), the action taken (i.e. work stoppage or redirection), a recommendation of eligibility and recommendations for mitigation of any cultural resources discoveries whether or not a determination of significance has been made. 2. The CRS and the project owner have consulted with the City of Riverside Historic Preservation Specialist and the City of Riverside Historic Preservation Specialist has concurred with the	

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		recommended eligibility of the discovery and the proposed data recovery or other mitigation; and 3. Any necessary data recovery and mitigation has been completed. Prior to beginning ground disturbance or construction within 100 feet of any cultural resources listed as a landmark, structure of merit or designated as an historic district by the City of Riverside; the project owner shall notify the City of Riverside's Cultural Heritage Board.	
Cultural Resources - Operation	Not identified in document	Not identified in document	Not identified in document
Energy	Not evaluated in document	None identified in document	Not identified in document
Geology - Construction	**PROJECT SPECIFIC:** The project location has a potential for liquefaction, dynamic compaction, expansion, and collapse of site soils along the transmission line alignment. **CUMULATIVE:** None identified**.**	The project owner shall submit a copy of the Soils Engineering Report required by the 2001 CBSC Appendix Chapter 33, Section 3309.5 Soils Engineering Report, shall specifically include data verifying that the potential for liquefaction, dynamic compaction, expansion, and collapse potential of site soils is negligible along the transmission line alignment.	Less than significant
Geology - Operation	Not identified in document	None identified in document	Not identified in document
Hazards and Hazardous Materials - Construction	Not identified in document	None identified in document	Not identified in document
Hazards and Hazardous Materials – Operation	**PROJECT SPECIFIC:** The project involves the transport, storage and use of ammonia, as well as the potential use of other hazardous materials. **CUMULATIVE:** None identified.	• The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles, that meet or exceed the specifications of DOT Code MC-307. • The project owner shall not use any hazardous material in reportable quantities. • The project owner shall develop and	Mitigated to less than significant

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		implement a Safety Management Plan for delivery of aqueous ammonia and submit the plan to the CPM for review and approval. The plan shall include procedures, protective equipment requirements, training and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of aqueous ammonia with incompatible hazardous materials.	
Hydrology and Water Quality - Construction	Not identified in document	None identified in document	Not identified in document
Hydrology and Water Quality - Operation	**PROJECT SPECIFIC:** There will be a water demand from the operation of this project. **CUMULATIVE:** None identified.	The project owner shall install metering devices and record on a monthly basis the amount of water used by the project. The report on the monthly water use shall include the monthly range and monthly average of daily usage in gallons per day, and total water used by the project on a monthly and annual basis in acre-feet. Following the first full year of operation and in subsequent years, the annual summary shall also include the yearly range and yearly average water used by the project.	Less than significant
Land Use and Recreation - Construction	Not identified in document	None identified in document	Not identified in document
Land Use and Recreation - Operation	**PROJECT SPECIFIC:** The project will need to comply with all applicable zoning and planning ordinances. **CUMULATIVE:** None identified.	The project owner shall prepare a site development plan that complies with the applicable design criteria and performance standards for the Manufacturing Park (MP) zoning district set forth in the City of Riverside Zoning Ordinance. *The site development plan must contain the following features:* • Setbacks (i.e. yard area requirements) for structures; • Building elevations; • Landscaping requirements; • Temporary and permanent signs for project identification; permanent and construction	No impact

Environmental Topic	Impact(s)	Mitigation	Conclusion
		phase signs);and • Permanent parking lot design, showing the quantity and dimension of spaces. Following preparation of the above site development plan, the project owner shall design and construct the project consistent with the applicable design criteria and performance standards for the Manufacturing Park (MP) zoning district set forth in the City of Riverside Zoning Ordinance.	
Mineral Resources	Not evaluated in document	None identified in document	Not identified in document
Noise - Construction	**PROJECT SPECIFIC:** Noise will be generated during the construction of the project. **CUMULATIVE:** None identified.	At least 15 days prior to the start of ground disturbance, the project owner shall notify all residents within ¾ mile of the site and ½ mile of the linear facilities, by mail or other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year. Throughout the construction of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints. The project owner or authorized agent shall: • Use the Noise Complaint Resolution Form	Mitigated to less than significant

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		(see Staff's Final Initial Study – Exhibit 12, p. 12-15) or functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; • Attempt to contact the person(s) making the noise complaint within 24 hours; • Conduct an investigation to determine the source of noise related to complaint; • If the noise is project related, take all feasible measures to reduce the noise at its source; and • Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts; and, if obtainable, a signed statement by the complaint stating that the noise problem is resolved to the complainant's satisfaction.	
Noise - Operation	**PROJECT SPECIFIC:** Noise will be generated during the construction of the project. **CUMULATIVE:** None identified.	Throughout the operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints. The project owner or authorized agent shall: • Use the Noise Complaint Resolution Form (see Staff's Final Initial Study – Exhibit 12, p. 12-15) or functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; • Attempt to contact the person(s) making the noise complaint within 24 hours; • Conduct an investigation to determine the source of noise related to complaint; • If the noise is project related, take all feasible measures to reduce the noise at its source; and	Mitigated to less than significant

Environmental Topic	Impact(s)	Mitigation	Conclusion
		• Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts; and, if obtainable, a signed statement by the complaint stating that the noise problem is resolved to the complainant's satisfaction. The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that noise due to operation of the project during the quietest 4-hour period will not exceed 44 dBA when measured at residential receivers at noise monitoring location LT-1; that noise due to operation of the project will not exceed 50 dBA when measured at the recreational trail north of the site; and that the noise due to plant operations will comply with the noise standards of the City of Riverside Municipal Code and the Riverside County General Plan Noise Element. No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints. The production of pure tones during normal plant operation is not allowed. Within 30 days of the project first achieving a sustained output of 80 percent or greater of rated capacity, the project owner shall conduct a 25-hour community noise survey at monitoring locations LT-1 and ST-5. The survey during the power plant operations shall also include measurement of one-third octave band sound pressure levels to ensure that no new pure-tone noise components have been introduced. If the results from the noise survey indicate that the noise produced by the project exceeds 44 dBA at location LT-1 for the quietest 4-hour period during the 25-hour period; that the noise produced by the project exceeds 50 dBA at	

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		the recreational trail north of the site; or that the noise standards of the City of Riverside Municipal Code or the Riverside County General Plan Noise Element have been exceeded, mitigation measures shall be implemented to reduce noise to a level of compliance with these limits. If any pure tones are present, mitigation measures shall be implemented to eliminate the pure tones.	
Population/Housing	Not evaluated in document	None identified in document	Not identified in document
Public Services	Not evaluated in document	None identified in document	Not identified in document
Recreation	Evaluated in Land Use section	Evaluated in Land Use section	Evaluated in Land Use section
Solid/Hazardous Waste – Construction	Not identified in document	None identified in document	Not identified in document
Solid/Hazardous Waste - Operation	**PROJECT SPECIFIC:** Potential hazardous and/or nonhazardous waste could be generated from the operation of the project **CUMULATIVE:** None identified	The project owner shall determine if the ZLD generated waste is hazardous or nonhazardous pursuant to sections 66261.3 and 66262.11 of Title 22 of the California Code of Regulations. Testing of representative samples of the wastes shall incorporate the methods set forth in Chapter 11, Division 4.5, Title 22 California Code of Regulations. If deemed nonhazardous, then future sampling and testing is not required unless there is a substantial change in the wastewater treatment process or due to cross-contamination between materials and/or processes. If not classified as a hazardous waste, the project owner shall discharge all ZLD generated waste only to those disposal facilities that are authorized to accept such a waste, unless it is sold as a commercial product. If the ZLD generated waste is deemed hazardous, the project owner will comply with all hazardous	Mitigated to less than significant

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		waste LORS.	
Traffic Impacts - Construction	**PROJECT SPECIFIC:** Potential traffic impacts during construction of the project. **CUMULATIVE:** None identified	The project owner shall develop and implement a construction traffic control plan for the project in coordination with the City of Riverside and Caltrans. Specifically, the overall traffic control plan shall be designed to: • schedule heavy vehicle equipment and building materials deliveries to occur during off-peak hours to the extent feasible; and • encourage heavy vehicles and vehicles transporting hazardous materials to proceed from SR-60 to Van Buren Boulevard, and then proceed east on Jurupa Avenue, and north on Payton Avenue to the project site. The construction traffic control plan shall include measures to minimize traffic impacts associated with the construction of the associated linear facilities and shall include information on: • signing, lighting, and traffic control device placement; • temporary travel lane closures; • maintaining access to adjacent residential and commercial properties; • emergency access.	Mitigated to less than significant
Traffic Impacts - Operation	**PROJECT SPECIFIC:** Potential air traffic impacts during operation of the project. **CUMULATIVE:** None identified	If the City of Riverside Airport Director determines it is necessary, the cooling tower stacks and transmission poles shall have red obstruction lights so that the stacks and transmission poles do not create a hazard to air navigation. The transmission towers shall also have obstruction markers (orange beach balls) and shall be Federal Aviation Authority (FAA) approved. The transmission pole red obstruction lights and orange obstruction markers on the transmission lines shall be in the area as identified in B1 (Inner Approach/	Less than significant

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		Departure Zone), B-2 (Adjacent to Runway Zone), and C (Extended Approach/ Departure Zone), in the Riverside County Airport Land Use Compatibility Plan Policy Document (April 2004). The project owner shall ensure that an Aviation Easement is prepared in accordance with the Riverside Airport Land Use Commission criteria. The project owner shall contact the Riverside Airport Director to insure that a request is submitted to the Federal Aviation Administration (FAA) to modify the existing remark in the Airport Facility Directory (AFD) to advise pilots not to fly over the power plant.	