Appendix A Environmental Impact Assessment Summary Form

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Talega-Escondido/Valley-Serrano 500-kV Interconnect Project

Lake Elsinore Advanced Pumped Storage Project

1.	Project Title:	Talega-Escondido/Valley-Serrano 500-kV Interconnect Project and the Lake Elsinore Advanced Pumped Storage Project
2.	Lead Agency Name/Address:	California Public Utilities Commission 505 Van Ness Avenue, 4 th Floor, San Francisco, CA 94102
3.	Contact Person/Telephone No.:	Billie C. Blanchard, Regulatory Analysis III (415) 703-2068
4.	Project Location:	Riverside, San Diego, and Orange Counties Cleveland National Forest, Trabuco Ranger District United States Marine Corp Base Camp Joseph H. Pendleton
5.	Project Sponsor Name/Address:	The Nevada Hydro Company, Inc. 2416 Cades Way, Vista, CA 92083
6.	General Plan Designation:	Various
7.	Zoning Designation:	Various
8.	Description of Project:	TE/VS Interconnect Project. The CPUC-permitted TE/VS Interconnect is a proposed 30± mile, 500-kV alternating current regional interconnection transmission line with a nominal design capacity of 1,000 MW. The TE/VS Interconnect would extend from the LEAPS powerhouse substation southward to SDG&E's existing 230-kV Talega-Escondido transmission line in northern San Diego County and northward to SCE's existing 500-kV Valley-Serrano transmission line in western Riverside County. The interconnection with SDG&E would be between SDG&E's existing Talega and Escondido substations at a new substation in the vicinity of Camp Pendleton. The interconnection with SCE would be at a point between SCE's existing Valley and Serrano substations at a new substation in the vicinity of Lee Lake. For most of its route alignment, the TE/VS Interconnect would be located within the Cleveland National Forest, Trabuco Ranger District and Camp Pendleton. In addition, network upgrades will include, but are not be limited to: (1) SDG&E's existing 230-kV single circuit Talega-Escondido substations; (3) SCE's existing 500-kV system; (4) SCE's existing Serrano and Valley substations; and (5) SCE's existing Etiwanda generating station. A 47± mile second circuit (Talega-Escondido 2) will be installed along existing support structures (already containing one 230-kV circuit) connecting SDG&E's Talega and Escondido substations. In addition, 8± miles of existing 69-kV transmission line will be removed from the existing towers and installed on new wooded or steel poles within the existing SDG&E right-of-way. LEAPS Project . The LEAPS project is a FERC-licensed advanced pump storage facility with two 250-MW Voith Siemens Hydro Power Generation synchronous generators, 600 MW of pump load, step-up transformers, and appurtenant facilities. The LEAPS project will interconnect to the SCE's Serrano and Valley

Hydro Power Generation synchronous generators, 600 MW of pump load, step-up transformers, and appurtenant facilities. The LEAPS project will interconnect to the SCE's Serrano and Valley substations via a new 500-kV transmission lines and to SDG&E's Talega and Escondido substations via new 230-kV lines. The project includes looping the Valley-Serrano 500-kV line into the 500-kV bus at a new Northern (Lake) substation and looping the Talega-Escondido line into the 230-kV bus at a new Southern (Pendleton or Case Springs) substation.

9. Surrounding Land Uses	vanous
10. Other agencies whose approval is or may be required:	 (1) Federal Energy Regulatory Commission (2) United States Fish and Wildlife Service (3) United States Army Corps of Engineers (4) State Water Resources Control Board (5) California Department of Fish and Game (6) California Department of Transportation (7) South Coast Air Quality Management District (8) San Diego Air Pollution Control District

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(9) California Independent System Operator

Environmental Factors Potentially Affected: The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

Talega-Escondido/Valley-Serrano 500-kV Interconnect Project

Surrounding Land Lloss

$\mathbf{\nabla}$	Biological Resources	\mathbf{N}	Cultural Resources		Water Resources			
	0							
\checkmark	Visual Resources	\checkmark	Noise		Geology/Mineral Resources/Soils			
	Land Use	\checkmark	Transportation	\checkmark	Socioeconomics/Public Services/Utilities			
\checkmark	Wilderness/Recreation		Public Health/Safety	\checkmark	Fuels/Fire Management			
	Agriculture	\checkmark	Air Quality	\checkmark	Mandatory Findings of Significance			
Lake	Lake Elsinore Advanced Pumped Storage Project							
\checkmark	Biological Resources	\checkmark	Cultural Resources	\checkmark	Water Resources			
$\overline{\mathbf{V}}$	Biological Resources Visual Resources	1 1 1	Cultural Resources Noise	V	Water Resources Geology/Mineral Resources/Soils			
_	•	N N						
$\mathbf{\nabla}$	Visual Resources		Noise		Geology/Mineral Resources/Soils			

Determination: On the basis of this initial evaluation:

I find that the proposed project could not have a significant effect on the environment and a negative	
declaration will be prepared.	

I find that although the proposed project could have a significant effect on the environment there will not be a significant effect in this case because revisions in the project have been made or agreed to by the project proponent. A mitigated negative declaration will be prepared.

I find that the proposed project may have a significant effect on the environment and an environmental impact report is required.

I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An environmental impact report is required, but it must analyze only the effects that remain to be addressed.

I find that the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier environmental impact report or negative declaration pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or negative declaration, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

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· U	January 31, 2008
Signature	Date
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Peter Lewandowski, President	The Nevada Hydro Company, Inc.
Printed Name	Applicant

Evaluation of Environmental Impacts:

- (1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on the project-specific screening analysis).
- (2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- (3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- (4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses" may be cross-referenced).
- (5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - (a) Earlier Analyses Used. Identify and state where they are available for review.
 - (b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - (c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- (6) Lead Agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where applicable, include a reference to the page or pages where the statement is substantiated.
- (7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- (8) The is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- (9) The explanation of each issue should identify:
 - (a) The significance criteria or threshold, if any, used to evaluate each question; and
 - (b) The mitigation measure identified, if any, to reduce the impact too less than significance

	Talega-Escondido/Valley-Serrano 500-kV Interconnect Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
I.	BIOLOGICAL RESOURCES					
(a)	Construction activities would result in temporary and permanent losses of native vegetation (Impact B-1)?	\checkmark	\square			
(b)	Construction activities would result in adverse effects to jurisdictional waters and wetlands through vegetation removal, placement of fill, erosion, sedimentation, and degradation of water quality (Impact B-2)?					
(c)	Construction and operation/maintenance activities would result in the introduction of invasive, non-native, or noxious plant species (Impact B-3)?		\checkmark			
(d)	Construction activities would create dust that would result in degradation of vegetation (Impact B-4)?		\checkmark			
(e)	Construction activities would result in direct or indirect loss of listed or sensitive plants or a direct loss of habi- tat for listed or sensitive plants (Impact B-5)?	V				
(f)	Construction, including the use of access roads, would result in disturbance to wildlife and result in wildlife mortality (Impact B-6)?			\square		
(g)	Construction activities would result in direct or indirect loss of listed or sensitive wildlife or a direct loss of habi- tat for listed or sensitive wildlife (Impact B-7)?	V	\checkmark		V	
(h)	Construction activities would result in a potential loss of nesting birds (violation of the Migratory Bird Treaty Act) (Impact B-8)?		\checkmark			
(i)	Construction or operational activities would adversely affect linkages or wildlife movement corridors, the movement of fish, and/or native wildlife nursery sites (Impact B-9)?	V	V	Ø		
(j)	Presence of transmission lines may result in electrocution of, and/or collisions by, listed or sensitive bird species (Impact B-10)?	\square	\square		\square	
(k)	Presence of transmission lines may result in increased predation of listed and sensitive wildlife species by ravens that nest on transmission towers (Impact B-11)?			\checkmark		
(I)	Maintenance activities would result in disturbance to wildlife and could result in wildlife mortality (Impact B-12)?					
II.	VISUAL RESOURCES					
(a)	Long-term visibility of land scars in arid and semi-arid landscapes (Impact V-S-1)?	\checkmark	\checkmark			
(b)	Introduction of substation and transmission line structure contrast, industrial character, view blockage, and skylining when viewed from Key Viewpoint L1, on DePalma Frontage Road and Southbound Interstate 15 (Impact V-S-2)?					
(c)	Introduction of structure contrast and industrial character associated with the Lake-Pendleton 500 kV transmission line, when viewed from Key Viewpoint L2 on Lake Elsinore and I-15 (Impact V-S-3)?	V				
(d)	Inconsistency with USFS Scenic Integrity Objective due to the introduction of transmission line structure contrast, industrial character, view blockage, and skylining when viewed from Key Viewpoint L3, south- bound on South Main Divide Road (Impact V-S-4)?	V				

	Talega-Escondido/Valley-Serrano 500-kV Interconnect Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
II.	VISUAL RESOURCES (Continued)					
(e)	Inconsistency with USFS Scenic Integrity Objective due to the introduction of transmission line structure contrast, industrial character, view blockage, skylining, and unnatural vegetative clearing when viewed from Key Viewpoint L4, northbound on South Main Divide Road (Impact V-S-5)?					
(f)	Inconsistency with USFS Scenic Integrity Objective due to the introduction of transmission line structure contrast, industrial character, view blockage, and skylining when viewed from Key Viewpoint L5, on Ortega Highway (Impact V-S-6)?	V				
(g)	Inconsistency with USFS Scenic Integrity Objective due to the introduction of transmission line structure contrast, industrial character, view blockage, and skylining when viewed from Key Viewpoint L6, on Hombre Lane in LaCresta Subdivision (Impact V-S-7)?	V				
(h)	Inconsistency with USFS Scenic Integrity Objective due to the introduction of transmission line structure contrast, industrial character, view blockage, and skylining when viewed from Key Viewpoint L7, at Tenaja Trailhead to San Mateo Canyon Wilderness (Impact V-S-8)?	V				
(i)	Introduction of structure contrast and industrial character associated with the Talega-Escondido 230 kV transmission line upgrade (Impact V-S-9)?			V		
(j)	Introduction of structure contrast and industrial character associated with the Pala-Lilac 69 kV trans- mission line upgrade, when viewed from Key Viewpoint L8, at West Lilac Road (Impact V-S-10)?			V		
III.	LAND USE					
(a)	Construction would temporarily disturb land uses at or near the alignment (Impact L-1)?		\checkmark			
(b)	Presence of a transmission line or substation would divide an established community or disrupt land uses at or near the alignment (Impact L-2)?		\checkmark		\checkmark	
IV.	WILDERNESS AND RECREATION					
(a)	Construction activities would temporarily reduce access and visitation to recreation or wilderness areas (Impact WR-1)?	\square				
(b)	Presence of a transmission line or substation would permanently change the character of a recreation area, diminishing its recreational value (Impact WR-2)?	\square				
(c)	Presence of a transmission line would permanently preclude recreational activities (Impact WR-3)?	\checkmark				
۷.	AGRICULTURE					
(a)	Construction activities would temporarily interfere with active agricultural operations (Impact AG-1)?		\square			
VI.	CULTURAL RESOURCES					
()	Construction of the project would cause an adverse change to known historic properties (Impact C-1)?		\checkmark			
(b)	Construction of the project would cause an adverse change to unknown significant buried prehistoric and historical archaeological sites or buried Native Ameri- can human remains (Impact C-3)?	V				

	Talega-Escondido/Valley-Serrano 500-kV Interconnect Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
VI.	CULTURAL RESOURCES (Continued)	(,	(,	(,		(1.1.1.)
(c)	Construction of the project would cause an adverse change to Traditional Cultural Properties (Impact C-4)?	\checkmark	\square			
(d)	Operation and long-term presence of the project would cause an adverse change to known historic properties (Impact C-5)?		\blacksquare			
(e)	Long-term presence of the project would cause an adverse change to known historic architectural (built environment) resources (Impact C-6)?		\square			
(f)	Construction of the transmission line would destroy or disturb significant paleontological resources (Impact PAL-1)?	\checkmark				
VII.	NOISE					
(a)	Construction noise would substantially disturb sensitive receptors and violate local rules, standards, and/or ordinances (Impact N-1)?	V				
(b)	Construction activity would temporarily cause groundborne vibration (Impact N-2)?		\checkmark			
(c)	Permanent noise levels would increase due to corona noise from operation of the transmission lines and noise from other project components (Impact N-3)?	\checkmark				
(d)	Routine inspection and maintenance activities would increase ambient noise levels (Impact N-4)?	\checkmark				
	. TRANSPORTATION					
(a)	Construction would cause temporary road and lane clo- sures that would temporarily disrupt traffic flow (Impact T-1)?		${\bf \boxtimes}$			
(b)	Construction would temporarily disrupt the operation of emergency service providers (Impact T-2)?		\checkmark			
. ,	Construction would temporarily disrupt pedestrian and/or bicycle movement and safety (Impact T-4)?		\checkmark			
(d)	Construction vehicles and equipment would poten- tially cause physical damage to roads in the project area (Impact T-5)?		Ø			
()	Construction would result in the short-term elimination of parking spaces (Impact T-7)?		\checkmark			
.,	Construction would generate additional traffic on the regional and local roadways (Impact T-9)?	\checkmark				
,	Construction of the transmission lines would penetrate airport influence area (Impact T-11)?			\checkmark		
	PUBLIC HEALTH AND SAFETY					
(a)	Improper handling and/or storage of hazardous materials during construction could cause soil or groundwater contamination (Impact P-1)?		\checkmark			
(b)	Residual pesticides and/or herbicides could be encountered during grading or excavation in agricul- tural areas (Impact P-2)?		\square			
(b)	Unanticipated preexisting soil and/or groundwater contamination could be encountered during excavation or grading (Impact P-3)?					
(d)	Areas used by the military may contain unexploded ordnance (UXO) and could explode and injure workers during construction (Impact P-4)?		\square			

	Talega-Escondido/Valley-Serrano 500-kV Interconnect Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
IX.	PUBLIC HEALTH AND SAFETY (Continued)	(,	(,	(,		(,
(e)	Soil or groundwater contamination could result from accidental spill or release of hazardous materials during operation and maintenance (Impact P-5)?		\checkmark			
(f)	Herbicides used for vegetation control around towers and other project facilities could result in adverse health effects to the public or maintenance workers (Impact P-6)?		V			
(g)	Excavation or grading could result in mobilization of existing soil or groundwater contamination from known sites (Impact P-7)?		\checkmark			
Х.	AIR QUALITY					
(a)	Construction would generate dust and exhaust emissions of criteria pollutants and toxic air contaminants (Impact AQ-1)?	\checkmark				
(b)	Operation, maintenance, and inspections would generate dust and exhaust emissions of criteria pollutants and toxic air contaminants (Impact AQ-2)?					
(c)	Power generated during transmission line operation would cause emissions from power plants (Impact AQ- 3)?			\checkmark		
(d)	Project activities would cause a net increase of greenhouse gas emissions (Impact AQ-4)?	\checkmark				
XI.	WATER RESOURCES					
. ,	Construction activity could degrade water quality due to erosion and sedimentation (Impact H-1)?		\square			
(b)	Construction activity could degrade water quality through spills of potentially harmful materials (Impact H-2)?					
(c)	Excavation could degrade groundwater quality in areas of shallow groundwater (Impact H-3)?		\checkmark			
(d)	Creation of new impervious areas could cause increased runoff resulting in flooding or increased erosion downstream (Impact H-5)?			\checkmark		
(e)	Transmission towers or other aboveground project fea- tures located in a floodplain or watercourse could result in flooding, flood diversions, or erosion (Impact H-6)?		\checkmark			
XII	GEOLOGY, MINERAL RESOURCES, AND SOILS					
(a)	Erosion would be triggered or accelerated due to construction activities (Impact G-1)?		\checkmark			
. ,	Unique geologic features would be damaged due to construction activities (Impact G-2)?		\square			
(c)	Project would expose people or structures to potential substantial adverse effects as a result of problematic soils (Impact G-3)?		\checkmark			
(d)	Project would expose people or structures to potential substantial adverse effects as a result of seismically induced groundshaking and/or ground failure (Impact G-4)?		V	V		
(e)	Project would expose people or structures to potential substantial adverse effects as a result of surface fault rupture at crossings of active faults (Impact G-5)?		Ø			

	Talega-Escondido/Valley-Serrano 500-kV Interconnect Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
XII.	GEOLOGY, MINERAL RESOURCES, AND SOILS (Con	tinued)				
(f)	Project would expose people or structures to potential substantial adverse effects as a result of slope instability created during excavation and/or grading (Impact G-6)?		V			
XIII	SOCIOECONOMICS, PUBLIC SERVICES, AND UTILIT	TIES (Continued)			
(a)	Project construction and/or transmission line presence would cause a change in revenue for businesses, tribes, or governments (Impact S-1)?	\square	\checkmark			\checkmark
(b)	Project construction and operation would increase the need for public services and facilities (Impact S-3)?			\square		
(b)	Property tax revenues from project presence would substantially benefit public agencies (Impact S-4)?					\checkmark
(d)	Presence of the project would decrease property value (Impact S-5)?			\checkmark		
XIV	. FUELS AND FIRE MANAGEMENT					
(a)	Construction and/or maintenance activities would significantly increase the probability of a wildfire (Impact F-1)?	\square				
(b)	Presence of the overhead transmission line would significantly increase the probability of a wildfire (Impact F-2)?	\checkmark	\square			
(c)	Presence of the overhead transmission line would reduce the effectiveness of firefighting (Impact F-3)?	\checkmark		\checkmark		
(d)	Project activities would introduce non-native plants, which would contribute to an increased ignition potential and rate of fire spread (Impact F-4)?		\square			
xv	. MANDATORY FINDINGS OF SIGNIFICANCE					
(a)	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	V				
(b)	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?		V			
(c)	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?		\square			

	Lake Elsinore Advanced Pumped Storage Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
I.	BIOLOGICAL RESOURCES					
. ,	Construction activities would result in temporary and permanent losses of native vegetation (Impact B-1)? Construction activities would result in adverse effects					
	to jurisdictional waters and wetlands through vegetation removal, placement of fill, erosion, sedimentation, and degradation of water quality (Impact B-2)?		V			
(c)	Construction and operation/maintenance activities would result in the introduction of invasive, non-native, or noxious plant species (Impact B-3)?		\checkmark			
(d)	Construction activities would create dust that would result in degradation of vegetation (Impact B-4)?		\checkmark			
(e)	Construction, including the use of access roads, would result in disturbance to wildlife and result in wildlife mortality (Impact B-6)?			\checkmark		
(f)	Construction activities would result in direct or indirect loss of listed or sensitive wildlife or a direct loss of hab- itat for listed or sensitive wildlife (Impact B-7)?	\checkmark	\checkmark		\square	
(g)	Construction activities would result in a potential loss of nesting birds (violation of the Migratory Bird Treaty Act) (Impact B-8)?		\checkmark			
(h)	Construction or operational activities would adversely affect linkages or wildlife movement corridors, the movement of fish, and/or native wildlife nursery sites (Impact B-9)?	V	V	V		
(i)	Maintenance activities would result in disturbance to wildlife and could result in wildlife mortality (Impact B-12)?		V			
II.	VISUAL RESOURCES					
(a)	Construction of reservoir and associated facilities on National Forest System lands would cause medium- term visibility of construction activities, equipment, and night lighting and an increase in industrial character (Impact V-S-11)?	Ø				
(b)	Short-term visibility of construction activities, equip- ment and night lighting associated with construction of the powerhouse and transmission lines (Impact V-S- 12)?			Ø		
(c)	Introduction of structure contrast and industrial character associated with the Santa Rosa Powerhouse and aboveground Midpoint Substation, when viewed from Key Viewpoint L9 on Grand Avenue (Impact V-S- 13)?					
(d)	Inconsistency with USFS Scenic Integrity Objective due to long-term visibility of a non-natural landscape feature (reservoir facilities) from Key Viewpoints L3 and L10, on South Main Divide Road and from Key Viewpoint L5, Ortega Highway (Impact V-S-14)?	V				
III.	LAND USE					
. ,	Construction would temporarily disturb land uses at or near the alignment (Impact L-1)?	\checkmark	\checkmark	\checkmark		
(b)	Presence of a transmission line or substation would divide an established community or disrupt land uses at or near the alignment (Impact L-2)?		V			

	Lake Elsinore Advanced Pumped Storage Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
IV.	WILDERNESS AND RECREATION					
(a)	Construction activities would temporarily reduce access and visitation to recreation or wilderness areas (Impact WR-1)?			\checkmark		
(b)	Presence of a transmission line or substation would permanently change the character of a recreation area, diminishing its recreational value (Impact WR-2)?	V	\checkmark	V		
VI.	CULTURAL RESOURCES					
(a)	Construction of the project would cause an adverse change to known historic properties (Impact C-1)?	\checkmark	\checkmark			
(b)	Construction of the project would cause an adverse change to unknown significant buried prehistoric and historical archaeological sites or buried Native Ameri- can human remains (Impact C-3)?	V	V			
(c)	Construction of the project would cause an adverse change to Traditional Cultural Properties (Impact C-4)?	\checkmark	\checkmark			
(d)	Operation and long-term presence of the project would cause an adverse change to known historic properties (Impact C-5)?	Ø	\square			
(e)	Long-term presence of the project would cause an adverse change to known historic architectural (built environment) resources (Impact C-6)?		\square			
(f)	Construction of the transmission line would destroy or disturb significant paleontological resources (Impact PAL-1)?		\square			
VII.	NOISE					
(a)	Construction noise would substantially disturb sensitive receptors and violate local rules, standards, and/or ordinances (Impact N-1)?	$\mathbf{\nabla}$				
(b)	Construction activity would temporarily cause groundborne vibration (Impact N-2)?		\checkmark			
(c)	Permanent noise levels would increase due to corona noise from operation of the transmission lines and noise from other project components (Impact N-3)?			\checkmark		
	Routine inspection and maintenance activities would increase ambient noise levels (Impact N-4)?			\checkmark		
(a)	Construction would cause temporary road and lane clo- sures that would temporarily disrupt traffic flow (Impact T-1)?					
(b)	Construction would temporarily disrupt the operation of emergency service providers (Impact T-2)?		\checkmark			
()	Construction would temporarily disrupt pedestrian and/or bicycle movement and safety (Impact T-4)?					
(d)	Construction vehicles and equipment would potentially cause physical damage to roads in the project area (Impact T-5)?					
()	Construction would result in the short-term elimination of parking spaces (Impact T-7)?					
(f)	Construction would generate additional traffic on the regional and local roadways (Impact T-9)?	\checkmark				

	Lake Elsinore Advanced Pumped Storage Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
IX.	PUBLIC HEALTH AND SAFETY					
(a)	Improper handling and/or storage of hazardous materials during construction could cause soil or groundwater contamination (Impact P-1)?		\checkmark			
(b)	Soil or groundwater contamination could result from accidental spill or release of hazardous materials during operation and maintenance (Impact P-5)?		\checkmark			
(c)	Herbicides used for vegetation control around towers and other project facilities could result in adverse health effects to the public or maintenance workers (Impact P-6)?					
(d)	Excavation or grading could result in mobilization of existing soil or groundwater contamination from known sites (Impact P-7)?		\checkmark			
(e)	Project construction would result in noxious gas release (Impact P-8)?			\checkmark		
(f)	Project construction would require use of a toxic substance, resulting in public exposure (Impact P-9)?		\checkmark			
(g)	Generation could cause contamination of project waters with hazardous materials (Impact P-10)?		\checkmark			
Х.	AIR QUALITY					
(a)	Construction would generate dust and exhaust emissions of criteria pollutants and toxic air contaminants (Impact AQ-1)?	\checkmark				
(b)	Operation, maintenance, and inspections would generate dust and exhaust emissions of criteria pollutants and toxic air contaminants (Impact AQ-2)?					
(c)	Power generated during transmission line operation would cause emissions from power plants (Impact AQ- 3)?					
(d)	Project activities would cause a net increase of greenhouse gas emissions (Impact AQ-4)?	\checkmark				
XI.	WATER RESOURCES					
	Accidental releases of contaminants from project facili- ties could degrade water quality (Impact H-7)?		\checkmark			
(b)	Project construction or operation would potentially impact local water supply (Impact H-9)?	\checkmark				
(c)	Project construction would deliver sediment resulting in increased turbidity (Impact H-10)?		\checkmark			
(d)	Project reservoir would capture runoff (Impact H-11)?	\checkmark				
(e)	Project operations could impact the quantity and quality of groundwater recharge (Impact H-12)?	\checkmark				
(f)	Project operations could change water quality parameters (Impact H-13)?					\checkmark
,	Project operations could degrade water quality in San Juan Creek (Impact H-14)?		\checkmark			
. ,	Project operations could result in dam or dike breach and a consequent loss of human life (Impact H-15)?	\checkmark				
	GEOLOGY, MINERAL RESOURCES, AND SOILS					
(a)	Erosion would be triggered or accelerated due to construction activities (Impact G-1)?			\checkmark		

	Lake Elsinore Advanced Pumped Storage Project	Potentially Significant Impact (Class I)	Less than Significant With Mitigation Incorporated (Class II)	Less than Significant Impact (Class III)	No Impact	Beneficial Impact (Class IV)
XII.	GEOLOGY, MINERAL RESOURCS, AND SOILS (Cont	inued)				
(b)	Project would expose people or structures to potential substantial adverse effects as a result of seismically induced groundshaking and/or ground failure (Impact G-4)?					
(c)	Project would expose people or structures to potential substantial adverse effects as a result of landslides, earthflows, debris flows, and/or rockfall (Impact G-7)?	\checkmark				
(d)	Project construction would result in geologic waste material (Impact G-10)?		\checkmark			
XIII	. SOCIOECONOMICS, PUBLIC SERVICES, AND UTILIT	TIES				
(a)	Project construction and/or transmission line presence would cause a change in revenue for businesses, tribes, or governments (Impact S-1)?	\checkmark	\square			\checkmark
(b)	Construction would disrupt the existing utility systems or cause a collocation accident (Impact S-2)?		\checkmark			
(c)	Project construction and operation would increase the need for public services and facilities (Impact S-3)?			\checkmark		
(d)	Labor force requirements would create a substantial demand for labor or a change in local employment (Impact S-1CA)?					\checkmark
XIV	/. FUELS AND FIRE MANAGEMENT					
(a)	Construction and/or maintenance activities would significantly increase the probability of a wildfire (Impact F-1)?	\square				
(d)	Project activities would introduce non-native plants, which would contribute to an increased ignition potential and rate of fire spread (Impact F-4)?		\checkmark			
xv	. MANDATORY FINDINGS OF SIGNIFICANCE					
(a)	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	V				
(b)	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?					
(c)	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?					