



# Mesa 500-kV Substation Project CPUC Minor Project Change Form

Date Requested: October 9, 2017

Report No.: 01

Date Approved: October 9, 2017

Approval Agency: CPUC

Property Owner(s): SCE

Location/Milepost: Greenwood Avenue

Land Use/Vegetative Cover: Existing Dirt Access Road

Sensitive Resources: None

Modification From:  Permit  Plan/Procedure  Specification  Drawing  
 Mitigation Measure  Other:

This activity is described Notice to Proceed Request-1 for Initial Project-Related Activities for the Mesa 500-Kv Substation Project, Section 2.2.2 Substation Grading and Section 11 Figure 3, and Final Environmental Impact Report, Mesa 500-kV Substation Project, Section 2.3.2.1.

Describe how project refinement deviates from current project. Include photos.

- Original Condition: Existing dirt access roads will be used by light trucks and vehicles covered in NTP-1 for Substation Grading.
- Justification for change: The existing driveway is approximately 45 feet wide at initial opening with a road width of approximately 14 feet. The stretch of existing driveway requested for use is approximately 35 feet, and is located 900 feet southeast of the intersection of Potrero Grande and Greenwood Avenue (Driveway 1), and is not included in NTP-1 (Figure 1; Photographs 1-3). Under NTP-1, the grading contractor, and the bulk of construction traffic, is utilizing the existing approved construction access off Potrero Grande. The access road, through the site, is heavily traveled by hauling equipment and is causing safety concerns for traffic traversing the property. Use of the currently unauthorized, existing access off Greenwood will allow safe access and travel to the site, avoiding grading activities.
- Maps & Figures: Figure 1 attached. Photographs 1-3 follow.

**Photograph 1: On Greenwood Avenue Southeast of the Driveway Looking Back to the Northwest**



Photograph 2: Standing on the Driveway Forward of the K-rail Looking Southwest into the Substation Site



Photograph 3: On Greenwood Avenue at the Driveway Looking Southeast



- Environmental Impact: This developed, compacted dirt/gravel driveway (the initial opening off Greenwood is approximately 45 feet wide and it narrows to approximately 14 feet wide. From the road to the temporary work limits is about 35 feet) provides no useful habitat for any wildlife or botanical species, and does not host cultural resources or paleontological resources. Using this driveway for its current operational purpose will not be a significant additional project impact.
- Concurrence: Documents consulted include the USACE Section 404 Permit (SPL-2015-0324), USFWS Biological Opinion (FWS-LA-15B0327-17F1426), CDFW Streambed Alteration Agreement (1600-2016-0034-R5), SWRCB Section 401 Permit (16-019), NTPR-1 Biological Review, Cultural Resources Management Plan for the Mesa Substation Project, and Paleontological Resources Management Plan for the Southern California Edison Mesa 500 Kilovolt Substation Project were consulted to determine whether other agencies, municipalities, utilities, etc. would need to provide concurrence with this MPC. For this situation, no project measures or plans stipulate consultation with agencies other than the CPUC.

**Resources:**

The existing Mesa Substation Access Road

**Biological**  No Resources Present  Resources Present  N/A

**Previous Biological Survey Report Reference:** [Include dates of original "baseline" surveys (from EIR analysis) to prove that the areas/practices were previously analyzed. Include more recent preconstruction sweeps, if applicable, to prove that the applicant has an understanding of what resources are currently present in this new area or could be impacted by this new practice.]

AMEC Earth & Environmental, Inc. (AMEC). 2009a. *Final Special Status Plant Species Survey Report for the Southern California Edison Tehachapi Renewable Transmission Project, Segments 7 and 8*. Prepared for Southern California Edison. December.

AMEC. 2009b. *Final 2009 Burrowing Owl Focused Survey Report for Segments 7 and 8 of the Southern California Edison Tehachapi Renewable Transmission Project*. Submitted to Southern California Edison. October.

AMEC. 2009c. *Final 2009 Burrowing Owl Focused Survey Report for Segments 6 & 11 of the Southern California Edison Tehachapi Renewable Transmission Project*. Prepared for Southern California Edison. October.

Aspen. 2009. *Revised Biological Resources Specialist Report for the Tehachapi Renewable Transmission Project*. Prepared for the California Public Utilities Commission and the USDA Forest Service. September.

Aspen. 2010. *Final Environmental Impact Statement, Southern California Edison's Application for the Tehachapi Renewable Transmission Project*. Prepared for the California Public Utilities Commission and the USDA Forest Service. September.

Ecology and Environment, Inc. (Ecology and Environment). 2016. *Final Environmental Impact Report, Southern California Edison's Application for the Mesa 500-kV Substation Project*. Prepared for the California Public Utilities Commission. October.

ICF. 2010a. *Jurisdictional Delineation Report for the Tehachapi Renewable Transmission Project: Segments 6 and 11*. Prepared for Southern California Edison. September.

ICF. 2010b. *Jurisdictional Delineation Report for the Tehachapi Renewable Transmission Project: Segments 7 and 8*. Prepared for Southern California Edison.

ICF. 2010c. *Focused Survey Report Special-Status Plant Species Segments 7 and 8*. Tehachapi Renewable Transmission Project. Prepared for Southern California Edison.

ICF. 2010d. *2010 Focused Survey Report of Burrowing Owl Segments 6 and 11*. October. Prepared for Southern California Edison.

ICF. 2010e. *Focused Survey Report for Burrowing Owl Segments 7 and 8*. August. (ICF 00133.10.) Irvine, CA. Prepared for Southern California Edison, Rosemead, California.

ICF. 2010f. *Focused Survey Report for Coastal California Gnatcatcher Segments 7 and 8*. August. (ICF 00133.10.) Irvine, CA. Prepared for Southern California Edison, Rosemead, California.

ICF. 2011a. *TRTP: Segment 11A Goodrich to Mesa Transmission Line Jurisdictional Delineation and Impact Analysis Report*. July 13. Prepared for Southern California Edison, Brea, California.

ICF. 2011b. *2011 Focused Survey Report Coastal California Gnatcatcher Segments 7 and 8, Tehachapi Renewable Transmission Project Component*. September. Prepared for Southern California Edison, Brea, California.

ICF. 2011c. *Preconstruction Biological Survey and Clearance Sweep Report for Southern California Edison's*

*WP3 Transmission Line Work Segment 7 Transmission Line (M40-T1, M42-T6, WSS 7-7.62, WSS 7-7.63, WSS 7-7.64, WSS 7-7.75), and 66kV Relocation (4774404E to 4774410E, M7-T1) Los Angeles County, California.* September. Prepared for Southern California Edison.

ICF. 2011d. *2011 Tree Inventory Report Segments 7 and 8.* October 2012. Prepared for Southern California Edison, Brea, California.

ICF. 2017a. *Mesa 500kV Substation Project 45-day Report for Protocol Coastal California Gnatcatcher Surveys.* Prepared for Southern California Edison, Brea, California. July.

ICF. 2017b. *Mesa 500kV Substation Habitat Assessment for Western Spadefoot.* Prepared for Southern California Edison, Brea, California. September.

Insignia Environmental (Insignia). 2015a. *Biological Resources Technical Report for the Mesa 500 kV Substation Project.* Prepared for Southern California Edison. February.

Insignia. 2015b. *Supplemental Jurisdictional Delineation Report for the Mesa 500 kV Substation Project.* Prepared for Southern California Edison.

Insignia. 2015c. *Biological Assessment, Mesa 500 kilovolt Substation Project, Los Angeles, California.* Prepared for U.S. Army Corps of Engineers. June.

Noreas Environmental Engineering and Science (Noreas). 2015. *Mesa Substation Project Plant Survey Report.* Prepared for Southern California Edison. July.

Noreas Environmental Engineering and Science (Noreas). 2017a. *Mesa Substation Project Pre-construction Special-Status Plant Survey Report.* Prepared for Southern California Edison. September.

Noreas Environmental Engineering and Science (Noreas). 2017b. *Mesa Substation Project Pre-construction Take Avoidance Burrowing Owl Survey.* Prepared for Southern California Edison. September.

Rocks Biological Consulting (RBC). 2015. *45-day Report for Protocol Coastal California Gnatcatcher Surveys for the Proposed Southern California Edison Mesa 500 kilovolt Substation Project, Los Angeles County, California.* Prepared for Insignia Environmental.

Cultural  No Resources Present  Resources Present  Within Project Component Area  
 N/A (paved/graveled area or no ground disturbance)

**Previous Cultural Survey Report Reference:**

California Public Utilities Commission (CPUC)  
2016 *Mesa 500-kV Substation Project Environmental Impact Report.*

Davis, Shannon  
2017 *Evaluation of Historical Significance for the Mesa Substation Project.* Prepared by ASM Affiliates, Inc., Pasadena, California. Prepared for Southern California Edison.

McLeod, S.A.  
2014 *Paleontological resources for the proposed Southern California Edison Mesa Substation Project,* Project # 061014, Los Angeles County, project area. Unpublished letter report by the Natural History Museum of Los Angeles Count, dated 30 June, 2014.

Miller, D.M., S.A. Siren, G.L. Aron  
2015 *Paleontological Resource Survey Report: Southern California Edison Mesa 500 Kilovolt Substation Project,* Los Angeles County, California. Prepared by Paleo Solutions, Inc. on behalf of SCE. Original dated July 22, 2014 and revised September 2014, November 2014, and January 2015.

Ninyo and Moore

2015 *Geotechnical Evaluation, Mesa 500kV Substation – Phase 1*, 700 East Potrero Grande Drive, Monterey Park, California, dated August 27.

Ninyo and Moore

2016 *Geotechnical Evaluation, Mesa 500kV Substation – Phase 2*, 700 East Potrero Grande Drive, Monterey Park, California, dated May 6.

Raum, J. and G.L. Aron

2015 *Paleontological Survey Summary for the Mesa Substation Project- Staging Yards 6 & 7*, cities of Rosemond and South El Monte, Los Angeles County, California. Report prepared by Paleo Solutions, Inc. on behalf of SCE. Dated August 13, 2015.

Richards, C.D., and G.L. Aron

2015 *Paleontological Monitoring, SCE Mesa 500 kV Substation Project*, Los Angeles County, California. Prepared by Paleo Solutions, Inc. on behalf of SCE. Dated February 16, 2015.

Williams, Audry


2014 *Historical Resource Analysis Report/Historic Property Survey Report Southern California Edison Company Mesa 500kV Substation Project*. Prepared by Southern California Edison.

**Disturbance Acreage Changes:**  Yes  No

Original disturbance acreage: N/A

New disturbance acreage: N/A

CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Geology, Soils, and Seismicity	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Hazardous Materials and Waste	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Hydrology	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Cultural Resources	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Traffic and Circulation	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Air Quality	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Noise and Vibration	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Visual Resources	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Vegetation and Wildlife	<input type="checkbox"/> Y	No potential additional impacts.
	<input checked="" type="checkbox"/> N	
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.

Approvals	Date	Name (print)	Signature	
Southern California Edison Environmental Project Manager	10/8/17	Lori Iles-Rangel		<input type="checkbox"/> Reviewed
CPUC Project Manager	10/9/2017	Lisa Orsaba		<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved with conditions (see below) <input type="checkbox"/> Denied

For CPUC Compliance Manager Use Only		
<input checked="" type="checkbox"/> Refinement Approved	<input type="checkbox"/> Refinement Denied	<input type="checkbox"/> Beyond Authority

**Conditions of Approval or Reason for Denial:**

- All project Mitigation Measures (MMs), Applicant Proposed Measures (APMs), and other measures described in the Project Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) will apply to this driveway area.**
- The driveway will be used by light trucks and personal vehicles only. No heavy truck or construction equipment will use this driveway.**
- Crews will remain within the established driveway boundaries.**
- No new ground disturbance will occur as a result of using this driveway for this project.**

Prepared by: Ilja Nieuwenhuizen (Ecology and Environment, Inc.)      Date: October 9, 2017



### Minor Project Refinement Definitions

*Project refinements are strictly limited to minor changes that will not trigger less restrictive or new discretionary permit requirements, that do not increase or create impacts, and that comply with the mitigation measures.*

Project Change Level	Description	Example
Level 1 (Minor Change)	Temporary actions that will not affect biological or cultural resources or deviate from APMs, MMs, or permit requirements; use of existing private resources (i.e., private road, well) with permission	Temporary use of an existing access road, storage yard, well, hydrant, etc. not associated with current project
Level 2 (Major Change)	Changes to established mitigation protocols or project activities due to new information or improved techniques that result in temporary, insignificant impacts on resources	Installing additional disposal sites; road widening or additional grading; changes to seed mix for restoration if does not significantly alter final targeted vegetation composition
Petition for Modification	Significant, long-term changes to construction plan or mitigation protocol that require additional biological or cultural surveys or verification; discovery of omissions or errors in project documents (permits, MMs, APMs) that jeopardize biological or cultural resources; discovery of new and significant biological or cultural resources that require new avoidance measures	Construction of a new access road or bridge; discovery of new sensitive species or habitat not initially described in project documents; changes to seed mix for restoration that significantly alter final targeted vegetation composition

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- NTPR-1 Approved Impact Areas**
-  Permanent
  -  Temporary
-  Access Route



Source: Imagery-BING, 2016.



0 35 70  
1 in = 70 ft  
Feet

**Figure 1**  
**CPUC Minor Project Change**  
**Mesa 500-kV Substation Project**