



Mesa 500-kV Substation Project CPUC Minor Project Change Form

Date Requested: December 20, 2018

Report No.: 03

Date Approved:

Approval Agency: CPUC

Property Owner(s): SCE

Location/Milepost: North and South of Potrero Grande Avenue

Land Use/Vegetative Cover: Public sidewalk, ornamental vegetation, and bare earth

Sensitive Resources: None

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

This activity is described Notice to Proceed Request-2 for Initial Project-Related Activities for the Mesa 500-Kv Substation Project, Section 2.4 Subtransmission Line Relocations Section 11 Figure 6B, and Final Environmental Impact Report, Mesa 500-kV Substation Project, Section 2.2.1.4.

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

- Original Condition: Three casings that were installed for the subtransmission line underground option traversing Potrero Grande Drive were routed significantly deeper than originally planned in order to safely avoid other underground utilities installed within the street. The cable manufacturer performed revised soil heat dissipation capability calculations to account for these as-built conditions. The increased depth of the subtransmission line caused a significant reduction in how much load each circuit could carry.
- Justification for change: An assessment of SCE forecast load projections indicates that two of the 13 circuits installed in this fashion will be over their 100% rating under normal conditions by 2024, only 5 years after first being energized. Due to the size of the conduits, it is not possible to increase the size of the conductor to achieve more capacity. In addition, it is completely impractical, due to space availability and cost impacts, to install another casing in the same underground alignment to split the two circuits into separate casings to alleviate the loading issues. The safest and most cost effective manner to obtain the needed capacity is to convert this short run to overhead wires. For this modification, SCE will install two new tubular steel riser poles (TSP) and one new lightweight steel (LWS) pole. One riser TSP will be located within the substation and the other will be installed approximately 800 feet away, on the north side of Potrero Grande within SCE's fee-owned transmission line corridor property. The LWS pole will be installed in between the two, roughly 230 feet away from the first riser TSP, on the south side of Potrero Grande, within the franchise area of the street. There will be six overhead non-specular conductors installed to complete two 66kV circuits. This overhead design will essentially bypass one of three sets of underground conduit that was installed within a larger casing along the same general alignment.
- Figure & KOPs: Attached to this document.
 - Figure 1. Revised KOP, New Pole, and Line Locations for Minor Project Change Three at the Mesa Substation Project
 - Revised KOP 1
 - Revised KOP 2

- Environmental (Aesthetics) Impact:
 - KOP 1: The three taller LSTs and one TSP for the approved project with the two additional shorter poles add no additional silhouetting against the sky in KOP 1. These additional poles would be less dominant to viewers traveling along Potrero Grande Drive than the LSTs and one TSP already installed for the approved project.
 - KOP 2: The approved project involves removal of many structures in KOP 2 and replacement with fewer structures of similar alignment, resulting in slight improvement to the existing visual quality of the area. The additional pole within KOP 2 is much shorter than the LSTs in this alignment and the conduit aligns within the same space. The slight improvement to the existing visual quality of the area is not affected by the addition of this pole.
- Concurrence: the Final Environmental Impact Report, Mesa 500-kV Substation Project was consulted, as was 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 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:

Potrero Grande, public sidewalk, ornamental vegetation, and bare earth

Biological	<input checked="" type="checkbox"/> No Resources Present	<input type="checkbox"/> Resources Present	<input type="checkbox"/> N/A
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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.

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 7 and 8. Prepared for Southern California Edison.

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

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

- ICF. 2010d. 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	<input type="checkbox"/> No Resources Present	<input type="checkbox"/> Resources Present	<input type="checkbox"/> Within Project Component Area	<input checked="" type="checkbox"/> N/A (paved/gravel ed area or no ground disturbance)
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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: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Original disturbance acreage: <i>N/A</i> New disturbance acreage: <i>N/A</i>

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 <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Hazardous Materials and Waste	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Hydrology	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Cultural Resources	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.

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.
Traffic and Circulation	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Air Quality	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Noise and Vibration	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Visual Resources	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency consultation is not necessary.
Vegetation and Wildlife	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No potential additional impacts.
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	12/20/18	Lori Iles-Rangel	<div style="border: 2px solid green; border-radius: 15px; padding: 10px; display: inline-block;"> <p style="margin: 0;">APPROVED</p> <p style="margin: 0;"><i>By Lori Iles-Rangel at 7:07 pm, Dec 20, 2018</i></p> </div>	<input checked="" type="checkbox"/> Reviewed
CPUC Project Manager		Lisa Orsaba		<input type="checkbox"/> Approved <input type="checkbox"/> Approved with conditions (see below) <input type="checkbox"/> Denied

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

Conditions of Approval or Reason for Denial:

Prepared by:

Date:



KOP 1 - Visual Simulation of Approved Project



KOP 1 - Visual Simulation of Proposed Project



KOP 2 - Visual Simulation of Approved Project

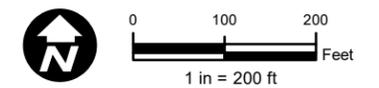


KOP 2 - Visual Simulation of Proposed Project

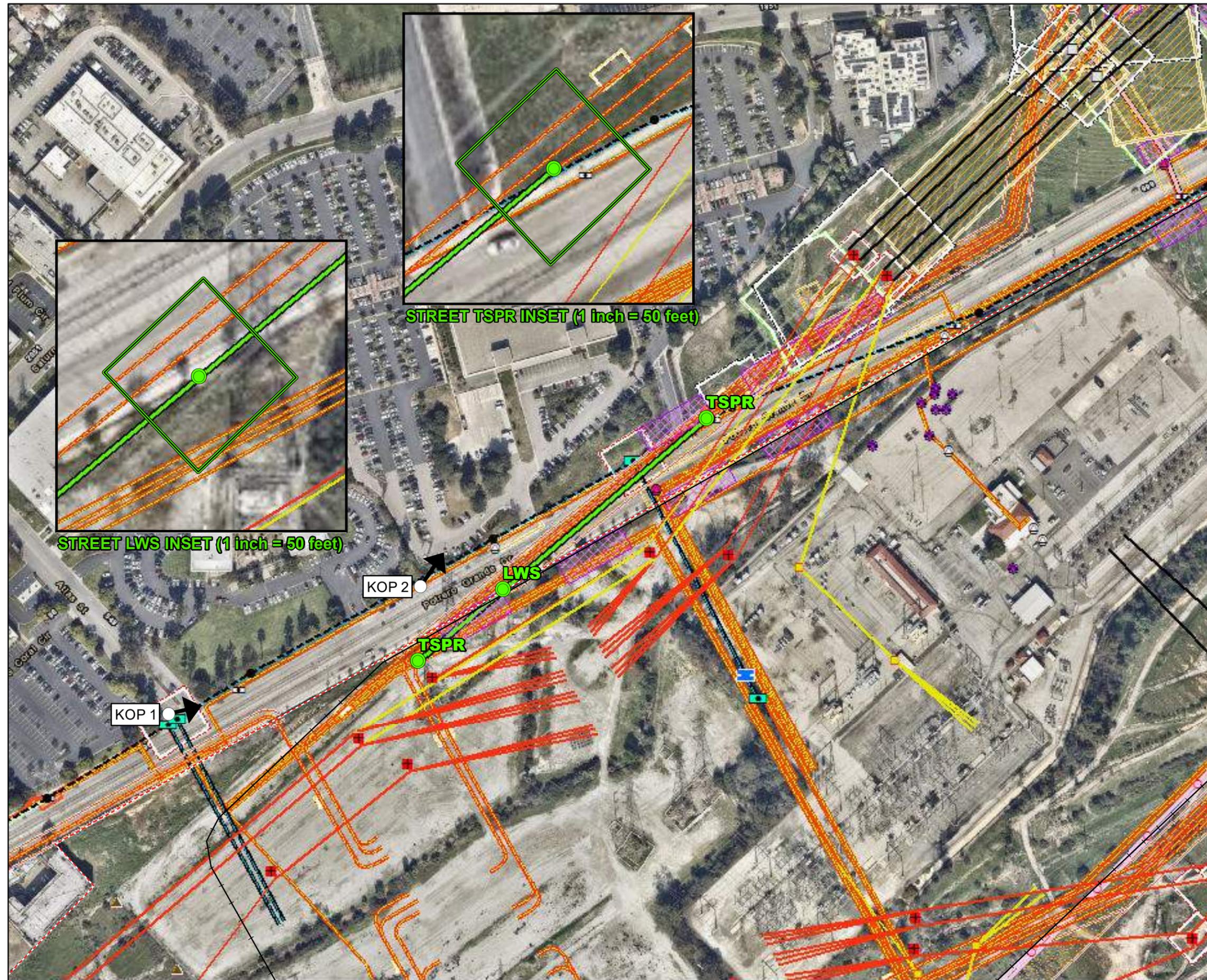
FIGURE 1
MESA 500KV SUBSTATION
 REVISED KOP, NEW POLE, AND
 LINE LOCATIONS
 FOR MINOR PROJECT CHANGE THREE

Legend

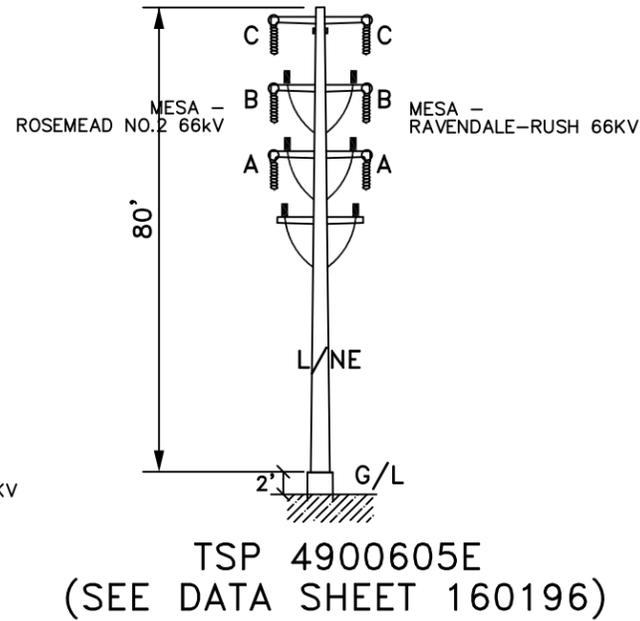
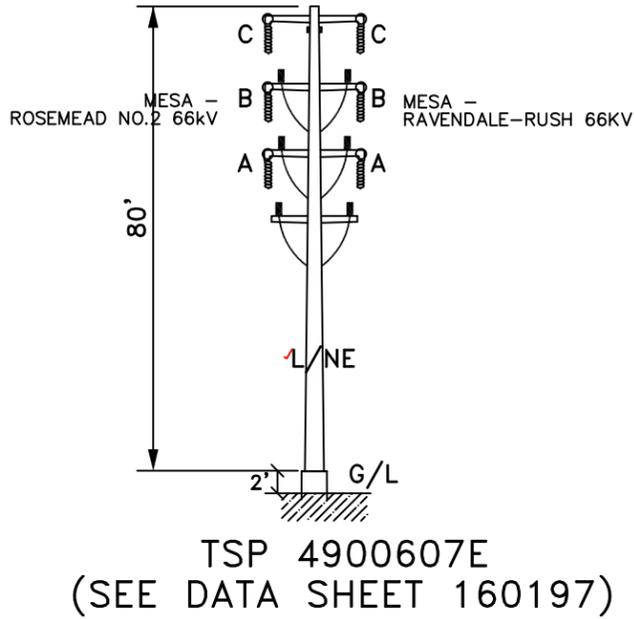
- KOP
- Major Trans Structure Proposed/Existing**
- Status, kV**
- Existing, 220; 500
- Proposed, 220
- Temporary, 220
- Major Trans Line Proposed/Existing**
- STATUS, kV_ENERGIZED_CKT1**
- Existing, 220; 500
- Proposed, 220
- Temporary, 220
- Transmission Construction Areas for Structures**
- Type**
- ▭ Construction Work Site
- ▭ Demo Site
- ▭ Guard Structure
- ▭ Permanent OM Areas
- ▭ Wire Setup
- Structures**
- Minor Project Change #3 Proposed, 66
- Existing, 66
- Proposed, 66
- Temporary, 66
- ▭ Vault
- Conductors**
- Minor Project Change #3 Proposed, OH
- Existing, OH
- Proposed, OH
- Proposed, UG
- Temporary, OH
- Construction Areas**
- ▭ Construction Work Site
- ▭ Demo Site
- ▭ General Disturbance Area
- ▭ Guard Structure
- ▭ Permanent OM Areas
- ▭ Wire Setup



Date: 1/8/2019



SCE Pole Work Order Map
1097103_0



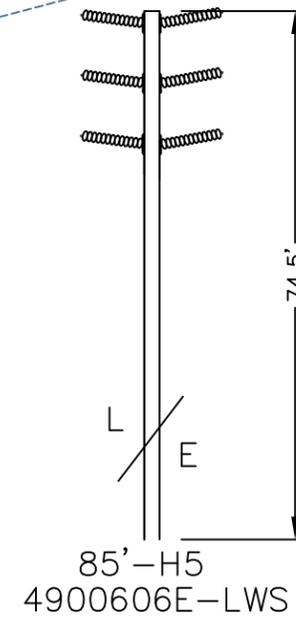
- ① IN: 4900605E
80'-TSP RISER
IN: 1-TSP-PO.ENG
IN: 1-TSP-FTG.ENG
IN: 6-954 SAC DE CLAMPS
IN: 6-POLY INSULATORS
IN: 6-POTHEADS(COLD SHRINK)
IN: 6-ARRESTERS

- ③ IN: 4900607E
80'-TSP RISER
IN: 1-TSP-PO.ENG
IN: 1-TSP-FTG.ENG
IN: 6-954 SAC DE CLAMPS
IN: 6-POLY INSULATORS
IN: 6-POTHEADS(COLD SHRINK)
IN: 6-ARRESTERS

- ② IN: 4900606E
85'
IN: 1-85'-LWS-H5
IN: 1-PH 852
IN: 6-POST INSULATORS
IN: 6-954 POST CLAMPS

INSTALL
954 SAC
954SAC
954SAC
66KV

POTRERO GRANDE



SOUTHERN CALIFORNIA
EDISON
An EDISON INTERNATIONAL Company

SCALE: 1 IN = 60 FT



PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

PROJ #	1695209	ESTIMATOR	OCHOA, BERNIE	PHONE	626-688-6791	J.P.A. NO.	N/A
GRID	METRO EAST	THOMAS BROS.		INVENTORY MAP		SAP ORDER	TD1479138
DIVISION	SOUTHEAST	DISTRICT		PRODUCT/MAT	1479138-RELIABILITY >= \$50M		
LINE	ET-04922-Mesa-Rosemead No. 2 -NON-ISO					LINE VOLTAGE	66KV
PROPOSED CONSTRUCTION (LOCATION)						INSTALL 2 TSP RISERS, 1 LWS & 954 SAC ACROSS POTRERO GRANDE MONTEBELLO	
REV.	APPROVED BY	DATE	CHECKED BY	DRAWN BY	DATE	SHEET	DESIGN NO.
						1 OF 1	1097103_0.01
SOUTHERN CALIFORNIA EDISON COMPANY							

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



January 7, 2018

Lori Rangel
Environmental Project Manager
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770

RE: Mesa 500-kV Substation Project – Minor Project Change No. 3 Request, CPUC Data Request Memorandum

Dear Ms. Rangel,

On December 20, 2018, Southern California Edison (SCE) submitted Minor Project Change (MPC) No. 3 Request to the California Public Utilities Commission (CPUC) for review. CPUC understands that MPC No. 3 addresses design issues associated with two of the 13 subtransmission circuits approved for one of the three underground casings already installed under Potrero Grande Drive. Specifically, SCE has calculated that two of the 13 circuits will exceed their 100 percent rating for soil heat dissipation capability by 2024. To alleviate this potential exceedance, SCE's requested modification will bypass the circuits in one of the three sets of underground casings beneath Potrero Grande Drive by re-orienting these lines to an overhead configuration.

For this project modification, SCE would install two new tubular steel riser poles (TSPs) and one new lightweight steel (LWS) pole. One TSP would be located within the substation fence wall and the other would be installed approximately 800 feet away, within SCE's fee-owned transmission line corridor property on the north side of Potrero Grande Drive. The LWS pole would be installed in between the two TSPs, approximately 230 feet from the TSP within the fence line, on the south side of Potrero Grande Drive, within the franchise area of the street.

CPUC requests that SCE provide the following information to ensure a thorough review of MPC No. 3 Request, under the conditions evaluated in the Final Environmental Impact Report (Final EIR) for the Mesa 500-kV Substation Project:

1. Provide a detailed map showing the exact locations of the proposed new TSP and LWS installations (and overhead lines) associated with MPC No. 3 in relation to the currently approved project and existing public infrastructure (e.g., streets and sidewalks). Include the locations of all proposed permanent and temporary disturbance/work areas, and provide the area for each (e.g., acres or square feet). Also provide the heights of the three proposed poles. The MPC No. 3 Request references a Figure 1, but the figure was not included.

2. Potrero Grande Drive and the associated public sidewalks are identified as resources that may be temporarily impacted by MPC No. 3. Please identify what these impacts would be (e.g., physical damage requiring repair, temporary closures, and duration and location of impacts, etc.).
3. Verify that SCE does not require new or amended local permits or approvals (e.g., for encroachment, lane closure, traffic control, etc.) to install the poles, especially the LWS and the northernmost TSP that are proposed outside of the substation wall, along Potrero Grande Drive. During the EIR production phase, the City of Monterey Park expressed concerns regarding potential project-related sidewalk and road impacts. Therefore, please submit documentation of MPC No. 3 notification to the City of Monterey Park—and any subsequent correspondence with the City—to the CPUC. The notification shall adequately describe the project activities as proposed in MPC No. 3, and construction activities that may occur within the sidewalk and/or franchise area of the street, and how these differ from the plans that the City previously reviewed.
4. Please provide justification for placing the LWS pole located along the southern side of Potrero Grande Drive between the sidewalk and the substation wall, rather than within wall. The proposed location may have small impacts the aesthetic quality of the vegetation/plantings along Potrero Grande Drive. Is there a reason why the LWS couldn't easily be placed within the wall to avoid potential impacts?

The CPUC appreciates SCE's efforts to maintain environmental compliance and consistency with the Final EIR for the Mesa 500-kV Substation Project, and requests that SCE provide the information requested above within two weeks' time to ensure a timely review of MPC No. 3 Request.

Sincerely,



Lisa Orsaba
CPUC Project Manager

cc:

Ilja Nieuwenhuizen, E & E Compliance Manager
Aileen Cole, E & E Deputy Compliance Manager
Don Dow, SCE Project Manager

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



January 17, 2019

Lori Rangel
Environmental Project Manager
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770

RE: Mesa 500-kV Substation Project – Minor Project Change No. 3 Request, CPUC Data Request # 2 Memorandum

Dear Ms. Rangel,

On December 20, 2018, Southern California Edison (SCE) submitted Minor Project Change (MPC) No. 3 Request to the California Public Utilities Commission (CPUC) for review. On January 7, 2019 the CPUC submitted a data request to SCE for the MPC No. 3 Request.

The CPUC requests that SCE provide the following additional information to ensure a thorough review of the MPC No. 3 Request, under the conditions evaluated in the Final Environmental Impact Report (Final EIR) for the Mesa 500-kV Substation Project:

1. SCE provided responses to the CPUC's January 7, 2019 data request by electronic mail on January 9, 2019. Please resubmit those responses in letter format, including SCE letterhead.
2. Provide a table that reports the areas (square feet and acres) of proposed permanent disturbance areas (e.g., for pole footings) and temporary disturbance areas (e.g., work areas) associated with MPC No. 3, including the areas for the three proposed poles. Include the areas (square feet and acres) of overlap with work areas already analyzed in the Final EIR, and Notice to Proceed 1 and 2 (NTP-1 and NTP-2).
3. Please confirm that SCE has informed the City of Monterey Park of the changes that are the subject of MPC No. 3, and that SCE has received correspondence indicating that the City has expressed no major concerns regarding proposed MPC No. 3 activities.

The CPUC appreciates SCE's efforts to maintain environmental compliance and consistency with the Final EIR for the Mesa 500-kV Substation Project, and requests that SCE provide the information requested above within two weeks' time to ensure a timely review of MPC No. 3 Request.

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



Sincerely,

A handwritten signature in blue ink, appearing to read "Lisa Orsaba".

Lisa Orsaba
CPUC Project Manager

cc:

Ilja Nieuwenhuizen, E & E Compliance Manager
Aileen Cole, E & E Deputy Compliance Manager
Don Dow, SCE Project Manager

February 1, 2019

Lisa Orsaba
Project Manager
State of California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102-3298

**Re: Mesa 500-kV Substation Project – Minor Project Change No. 3 Request,
SCE Responses to CPUC Data Requests #1 and #2**

Ms. Orsaba,

In response to Southern California Edison (SCE) Request for a Minor Project Change (MPC) No. 3, submitted on December 20, 2018, SCE is responding to CPUC data requests dated January 7 and January 17, 2019.

MPC No. 3 - CPUC Data Request #1, January 7, 2019

1. Provide a detailed map showing the exact locations of the proposed new TSP and LWS installations (and overhead lines) associated with MPC No. 3 in relation to the currently approved project and existing public infrastructure (e.g., streets and sidewalks). Include the locations of all proposed permanent and temporary disturbance/work areas, and provide the area for each (e.g., acres or square feet). Also provide the heights of the three proposed poles. The MPC No. 3 Request references a Figure 1, but the figure was not included.

SCE previously provided a figure (MPC3 Figure 1.pdf) showing the location of the new proposed structures along with the previously approved project elements, via email on January 9. We included a work area around the two new proposed structures that fall outside the substation, on the north and south sides of Potrero Grande. Each of these work areas is 5,000 square feet, but mostly overlap with previously approved work areas. Also attached was a work order map (1097103_0.pdf) which shows each of the structures (1, 2 and 3) and their pole heights. FYI, the visual simulations provided with our initial submittal were generated from the pole height information on this work order map.

2. Potrero Grande Drive and the associated public sidewalks are identified as resources that may be temporarily impacted by MPC No. 3. Please identify what these impacts would be (e.g., physical damage requiring repair, temporary closures, and duration and location of impacts, etc.).

The poles will be installed behind the sidewalks, with the pole on the south side of Potrero Grande between the sidewalk and the new substation perimeter wall. We anticipate no sidewalk repairs to be needed, but we would need to establish traffic control to install the LWS pole, which will require a lane closure permit from the City of Monterey Park for the installation. Most of the foundation work for the TSPR on the north side of Potrero Grande can be performed from the SCE-owned property north of the sidewalk, but a similar lane closure permit may be required there too if a crane needs to set up to install the pole. An exact schedule for the work is not yet finalized, but is anticipated to only take a couple days to install each pole, and an additional day to string both sets of conductors across Potrero Grande (which will also require temporary traffic stoppage.)

3. Verify that SCE does not require new or amended local permits or approvals (e.g., for encroachment, lane closure, traffic control, etc.) to install the poles, especially the LWS and the northernmost TSP that are proposed outside of the substation wall, along Potrero Grande Drive. During the EIR production phase, the City of Monterey Park expressed concerns regarding potential project-related sidewalk and road impacts. Therefore, please submit documentation of MPC No. 3 notification to the City of Monterey Park—and any subsequent correspondence with the City—to the CPUC. The notification shall adequately describe the project activities as proposed in MPC No. 3, and construction activities that may occur within the sidewalk and/or franchise area of the street, and how these differ from the plans that the City previously reviewed.

We will need site specific encroachment permits with traffic control plans. We are communicating with the City of Monterey Park, and will provide copy of this coordination.

4. Please provide justification for placing the LWS pole located along the southern side of Potrero Grande Drive between the sidewalk and the substation wall, rather than within wall. The proposed location may have small impacts the aesthetic quality of the vegetation/plantings along Potrero Grande Drive. Is there a reason why the LWS couldn't easily be placed within the wall to avoid potential impacts?

The placement of the LWS pole on the south side of Potrero Grande was determined by both the location of the TSP within the substation property, as well as the need to stay safely away from the nearest duct bank on the north side of Potrero Grande. Additionally, we need to meet “swing and rise” clearance requirements between the structures on both sides of Potrero Grande. Due to the long span, and the significant difference in elevation between Potrero Grande and

the substation surface, the LWS is required to help meet GO-95 ground clearance requirements as we cross Potrero Grande. If the LWS was located within the wall, much taller structures would have been required.

MPC No. 3 - CPUC Data Request #2, January 17, 2019

1. SCE provided responses to the CPUC’s January 7, 2019 data request by electronic mail on January 9, 2019. Please resubmit those responses in letter format, including SCE letterhead.

Responses to Data Request #1, dated January 7, 2019 are contained herein this written response.

2. Provide a table that reports the areas (square feet and acres) of proposed permanent disturbance areas (e.g., for pole footings) and temporary disturbance areas (e.g., work areas) associated with MPC No. 3, including the areas for the three proposed poles. Include the areas (square feet and acres) of overlap with work areas already analyzed in the Final EIR, and Notice to Proceed 1 and 2 (NTP-1 and NTP-2).

Table provided below. Please note that the TSPR South of Potrero Grande is entirely within the previously approved permanently disturbed substation, so no NEW impacts are shown.

(all in square feet)	New/MPC Impacts		Overlap with Previous Approved Work Area		Total New/MPC Impacts	
	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary
South of Potrero Grande TSPR	707	1,794	707	1,794	0	0
South of Potrero Grande LWS	707	1,895	0	0	707	1,895
North of Potrero Grande TSPR	707	1,794	324	874	384	920
Column Total	2,120	5,482	1,030	2,668	1,090	2,815

3. Please confirm that SCE has informed the City of Monterey Park of the changes that are the subject of MPC No. 3, and that SCE has received correspondence indicating that the City has expressed no major concerns regarding proposed MPC No. 3 activities.

SCE informed the City of Monterey Park via various emails. SCE had a meeting with the City today, Friday, February 1. The City acknowledges the need for this change, but would like to be kept informed should an option to keep the lines underground be possible. Copy of the Cities email communication following the February 1 meeting is provided via email.

Please let us know if you have any additional questions, or require further information.

Thank you.

Lori Iles-Rangel
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