

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



January 12, 2015

Melvin Stark  
Manager, Maintenance & Inspection  
Southern California Edison (SCE)  
3 Innovation Way  
Pomona, CA 91768

CPUCID: EA2014-022

**SUBJECT:** Audit of SCE's Valencia District

Dear Mr. Stark:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission, Derek Fong of my staff conducted an audit of SCE's Valencia District from September 8, 2014 to September 12, 2014. The audit included a review of SCE's records and field inspections of SCE's facilities.

During the audit, my staff identified violations of one or more General Orders (GOs). A copy of the audit findings itemizing the violations is enclosed. Please advise me no later than February 16, 2015, by electronic or hard copy, of all corrective measures taken by SCE to remedy and prevent such violations.

If you have any questions, you can contact Derek Fong at (213) 576-6850 or [derek.fong@cpuc.ca.gov](mailto:derek.fong@cpuc.ca.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Fadi Daye".

Fadi Daye, P.E.  
Program and Project Supervisor  
Electric Safety and Reliability Branch  
Safety and Enforcement Division

Enclosure: Audit Findings

Cc: Elizaveta Malashenko, Deputy Director, Safety and Enforcement Division, CPUC  
Charlotte TerKeurst, Program Manager, Electric Safety and Reliability Branch, CPUC

## AUDIT FINDINGS

<b>Location:</b>	SCE Valencia District
<b>Date of CPUC Inspection:</b>	09/08/2014
<b>Explanation of Violation(s):</b>	
<b><u>Late Work Orders</u></b>	
<p>GO 95, Rule 31.1: Design, Construction, and Maintenance, States in part:</p> <p style="padding-left: 40px;"><i>Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.</i></p> <p>GO 165, Section III-C: Record Keeping, States in part:</p> <p style="padding-left: 40px;"><i>For all inspections records shall specify the circuit, area, facility or equipment inspected, the inspector, the date of the inspection, and any problems (or items requiring corrective action) identified during each inspection, as well as the scheduled date of corrective action.</i></p> <p>SCE's records indicated that from 2011 to 2014, 12 work orders were completed past their scheduled date of corrective action. Additionally, there were four Priority Level 2 work orders for replacing damaged primary crossarms (work order no. 404375246, 404383113, 404413506, and 404434427) involving nonconformances that can create a fire risk, and were located in Extreme or Very High Fire Threat Zones, that were both scheduled for completion and completed beyond the 12 month time period required for correction.</p>	

The following violations were identified during the field inspection of the audit and were not documented and/or addressed by SCE during its last detailed inspection as required by General Order 165:

<b>1.</b>	<b>Location:</b>	Pole No. 4215696E
	<b>Previous SCE Visit Details:</b>	1/14/2014
	<b>Date of CPUC Inspection:</b>	09/08/2014
<b>Explanation of Violation(s):</b>		
<b><u>Communication Cable in the Climbing Space</u></b>		
GO 95, Rule 54.7: Climbing and Working Space, States in part:  <i>Climbing space shall be maintained from the ground level.</i>		
A communications cable was installed across the climbing space.		

<b>2.</b>	<b>Location:</b>	Pole No. 1248780E
	<b>Previous SCE Visit Details:</b>	1/14/2014
	<b>Date of CPUC Inspection:</b>	09/08/2014
<b>Explanation of Violation(s):</b>		
<b><u>Communication Cable in the Climbing Space</u></b>		
GO 95, Rule 54.7: Climbing and Working Space, States in part:  <i>Climbing space shall be maintained from the ground level.</i>		
A communications cable was installed across the climbing space.		

3.	<b>Location:</b>	Pole No. 1226597E
	<b>Previous SCE Visit Details:</b>	1/14/2014
	<b>Date of CPUC Inspection:</b>	09/08/2014
<b>Explanation of Violation(s):</b>		
<b><u>Insufficient Clearance of SCE Service Drop Above a Public Thoroughfare</u></b>		
GO 95, Rule 54.8-B1: Above Public Thoroughfares, States:		
<p><i>Service drop conductors shall have a vertical clearance of not less than 18 feet above public thoroughfares, except that this clearance may grade from 18 feet at a position not more than 12 feet horizontally from the curb line to a clearance of not less than 16 feet at the curb line, provided the clearance at the centerline of any public thoroughfare shall in no case be less than 18 feet. Where there are no curbs the foregoing provisions shall apply using the outer limits of possible vehicular movement in lieu of a curb line.</i></p>		
An SCE service drop had a vertical clearance of 16 feet, 6 inches at the centerline of a public thoroughfare, less than the minimum required clearance of 18 feet, and a vertical clearance of 12 feet, 5 inches at the curb line, less than the minimum required clearance of 16 feet.		

4.	<b>Location:</b>	Pole No. 1226597E
	<b>Previous SCE Visit Details:</b>	1/14/2014
	<b>Date of CPUC Inspection:</b>	09/08/2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Warning Sign</u></b>		
GO 95, Rule 51.6-A: High Voltage Marking of Poles, States in part:		
<p><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs. This marking shall consist of a single sign showing the words "HIGH VOLTAGE", or pair of signs showing the words "HIGH" and "VOLTAGE", not more than six (6) inches in height with letters not less than 3 inches in height..</i></p>		
The High Voltage sign was damaged.		