

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



June 4, 2014

TA2014-001

Michael Palusso  
Manager, T&S ISO/FERC Compliance RPPM/TDBU  
Southern California Edison  
3 Innovation Way, PIV 3, 3<sup>rd</sup> Floor  
Pomona, California 91768

**SUBJECT:** Audit of SCE's Ventura County Transmission Facilities

Dear Mr. Palusso:

On behalf of the Safety and Enforcement Division (SED) of the California Public Utilities Commission, Ben Brinkman and Derek Fong conducted an audit of Southern California Edison's (SCE's) transmission facilities in Ventura County from March 17, 2014 to March 21, 2014. The audit included a review of SCE's maintenance records and inspections of SCE's facilities.

During the audit, we identified violations of General Order (GO) 95. A copy of the audit summary itemizing the violations is enclosed. Please advise me no later than July 11, 2014, by electronic or hard copy, of all corrective measures taken by SCE to remedy and prevent such violations.

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

Sincerely,

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

Fadi Daye, P.E.  
Senior Utilities Engineer Supervisor  
Electric Safety and Reliability Branch  
Safety and Enforcement Division

Enclosure: Audit Summary

CC: Elizaveta Malashenko, Deputy Director, Safety and Enforcement Division, CPUC  
Charlotte TerKeurst, Program Manager, Electric Safety and Reliability Branch, CPUC  
Benjamin Brinkman, P.E., Senior Utilities Engineer, CPUC – LA

## Audit Summary

**Company:** SCE  
**Location:** Transmission System, Ventura County  
**Audit:** Transmission  
**Date:** March 17, 2014 to March 21, 2014

### Violations

<b>1.</b>	<b>Structure ID / Location:</b>	Pole no. 3007720
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged Ground Molding</u></b>            GO 95, Rule 54.6-B, States in part:</p> <p style="text-align: center;"><i>That portion of the ground wires attached on the face or back of wood crossarms or on the surface of wood poles and structures shall be covered by a suitable protective covering (see <u>Rule 22.8</u>).</i></p> <p>The pole had damaged ground molding. This violation was not noted or addressed when SCE last inspected the pole.</p>		
<b>2.</b>	<b>Structure ID / Location:</b>	Pole no. 1662456
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged Ground Molding</u></b>            GO 95, Rule 54.6-B, States in part:</p> <p style="text-align: center;"><i>That portion of the ground wires attached on the face or back of wood crossarms or on the surface of wood poles and structures shall be covered by a suitable protective covering (see <u>Rule 22.8</u>).</i></p> <p>The pole had damaged ground molding. This violation was not noted or addressed when SCE last inspected the pole.</p>		

3.	<b>Structure ID / Location:</b>	Pole no. 2116025
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
	<b>Explanation of Violation(s):</b>	
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

4.	<b>Structure ID / Location:</b>	Pole no. 2116065
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
	<b>Explanation of Violation(s):</b>	
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

5.	<b>Structure ID / Location:</b>	Pole no. 2279252
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b> GO 95, Rule 51.6-A, States in part:  <i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i>  The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.		

6.	<b>Structure ID / Location:</b>	Pole no. 2279253
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b> GO 95, Rule 51.6-A, States in part:  <i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i>  The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.		

7.	<b>Structure ID / Location:</b>	Pole no. 2279255
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b> GO 95, Rule 51.6-A, States in part:  <i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i>  The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.		
<b><u>Stepping</u></b> GO 95, Rule 91.3-A1, States in part:  <i>Poles with Vertical Runs or Risers: All jointly used poles which support supply conductors shall be provided with pole steps if vertical runs or risers are attached to the surface of such poles</i>  A jointly used pole with a communications riser was not stepped. This violation was not noted or addressed when SCE last inspected the pole.		

8.	<b>Structure ID / Location:</b>	Pole no. 2279256
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b> GO 95, Rule 51.6-A, States in part:  <i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i>  The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.		

9.	<b>Structure ID / Location:</b>	Pole no. 2279257
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

10.	<b>Structure ID / Location:</b>	Pole no. 1632016
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

11.	<b>Structure ID / Location:</b>	Pole no. 1840684
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Third Party Nonconformance</u></b> GO 95, Rule 12.6, States in part:  <i>When a third party that is not subject to the requirements of this Order causes a condition on or near a utility facility that does not conform with this Order, the utility shall be allowed reasonable time to address the condition by pursuing appropriate corrective action and/or notification procedures.</i>  A fence was attached to the pole. This violation was not noted or addressed when SCE last inspected the pole.		

12.	<b>Structure ID / Location:</b>	Pole no. 4438854
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b> GO 95, Rule 51.6-A, States in part:  <i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i>  The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.		

13.	<b>Structure ID / Location:</b>	Pole no. 4170628
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

14.	<b>Structure ID / Location:</b>	Pole no. 4081436
	<b>Previous SCE Visit Details:</b>	February 1, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

15.	<b>Structure ID / Location:</b>	Pole no. 1730489
	<b>Previous SCE Visit Details:</b>	January 31, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

16.	<b>Structure ID / Location:</b>	Pole no. 1730490
	<b>Previous SCE Visit Details:</b>	January 31, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged High Voltage Sign</u></b>  GO 95, Rule 51.6-A, States in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.</p>		

17.	<b>Structure ID / Location:</b>	Pole no. 1730491
	<b>Previous SCE Visit Details:</b>	January 31, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b> GO 95, Rule 51.6-A, States in part:  <i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i>  The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.		

18.	<b>Structure ID / Location:</b>	Pole no. 1730492
	<b>Previous SCE Visit Details:</b>	January 31, 2013
	<b>Date of CPUC Inspection:</b>	March 17, 2014
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b> GO 95, Rule 51.6-A, States in part:  <i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i>  The high voltage sign on the crossarm was damaged. This violation was not noted or addressed when SCE last inspected the pole.		

### Areas of Concern

During the field visit, ESRB staff identified potential woodpecker damage on the following poles:

- Pole no. 1840653 – Possible woodpecker damage, but did not see any holes.
- Pole no. 1840652 – Two woodpecker holes at the top of the pole.
- Pole no. 4170629 – Possible woodpecker damage.
- Pole no. 4081432 – Seven woodpecker holes.