

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



October 4, 2013

Stephen E. LaFond  
Principal Engineer  
Energy Delivery Asset Management/Contracts Administration  
Riverside Public Utilities  
2911 Adams Street  
Riverside, CA 92504-4303

CPUC ID: EA2013-010

**SUBJECT:** Electric Audit of Riverside Public Utilities

Dear Mr. LaFond:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission, Richard Kyo, Derek Fong, and Zelalem Ewnetu of my staff conducted an audit of Riverside Public Utilities (RPU) from August 26, 2013 to August 30, 2013. The audit included a review of RPU's records and field inspections of RPU's facilities.

During the audit, we identified violations of General Orders (GOs) 95 and 165. A copy of the audit summary itemizing the violations is enclosed. Please advise me no later than November 15, 2013, by electronic or hard copy, of all corrective measures taken by RPU to remedy and prevent such violations.

If you have any questions, you can contact Richard Kyo at (213) 576-7081 or [richard.kyo@cpuc.ca.gov](mailto:richard.kyo@cpuc.ca.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Raymond Fugere".

Raymond Fugere, P.E.  
Program and Project Supervisor  
Electric Safety and Reliability Branch  
Safety and Enforcement Division

Enclosure: Audit Summary

Cc: Elizaveta Malashenko, Deputy Director, Safety and Enforcement Division  
Fadi Daye, P.E., Senior Utilities Engineer Supervisor, CPUC – LA

## AUDIT SUMMARY

**GO 165, Section IV, Standards for Inspection, Record-keeping, and Reporting, States in part:**

*For all inspections, within a reasonable period, company records shall specify the circuit, area, or equipment inspected, the name of the inspector, the date of the inspection, and any problems identified during each inspection, as well as the scheduled date of corrective action.*

The following violations were not documented and/or addressed by RPU during its last detailed inspection as required by General Order 165:

<b>1.</b>	<b>Location:</b>	Pole No. J34577
	<b>Previous RPU Visit Details:</b>	05/25/2012
	<b>Date of CPUC Inspection:</b>	08/27/2013
<b>Explanation of Violation(s):</b>		
<p><b><u>Loose Down Guy Wire</u></b></p> <p>GO 95, Rule 56.2, Overhead Guys, Anchor Guys and Span Wires, states in part:</p> <p style="text-align: center;"><i>Guys shall be attached to structures, as nearly as practicable, at the center of load. They shall be maintained taut and of such strength as to meet the safety factors of Rule 44.</i></p> <p>A down guy wire was not taut. This violation was not documented when RPU last inspected the pole.</p>		

<b>2.</b>	<b>Location:</b>	Pole No. 28326J
	<b>Previous RPU Visit Details:</b>	04/26/2012
	<b>Date of CPUC Inspection:</b>	08/27/2013
<b>Explanation of Violation(s):</b>		
<b><u>Third Party Safety Hazard – Broken Lashing Wire</u></b>		
<p>GO 95, Rule 18B, Notification of Safety Hazards, states:</p> <p style="text-align: center;"><i>If a company, while performing inspections of its facilities, discovers a safety hazard(s) on or near a communications facility or electric facility involving another company, the inspecting company shall notify the other company and/or facility owner of such safety hazard(s) no later than 10 business days after the discovery.</i></p> <p>A lashing wire supporting a communication cable on the pole was broken. RPU did not notify the communication company of this noncompliance when it last visited the pole.</p>		

<b>3.</b>	<b>Location:</b>	Pole No. 564139H
	<b>Previous RPU Visit Details:</b>	04/26/2012
	<b>Date of CPUC Inspection:</b>	08/27/2013
<b>Explanation of Violation(s):</b>		
<b><u>Abandoned Down Guy Anchor</u></b>		
<p>GO 95, Rule 31.1, Design, Construction and Maintenance, states in part:</p> <p style="text-align: center;"><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>An abandoned guy anchor was exposed, creating a tripping hazard. This violation was not documented when RPU last inspected the pole.</p>		

<b>4.</b>	<b>Location:</b>	Pole No. 27518J
	<b>Previous RPU Visit Details:</b>	05/03/2012
	<b>Date of CPUC Inspection:</b>	08/27/2013
<b>Explanation of Violation(s):</b>		
<b><u>Abandoned Down Guy Anchor</u></b>		
<p>GO 95, Rule 31.1, Design, Construction and Maintenance, states in part:</p> <p style="text-align: center;"><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>An abandoned guy anchor was exposed, creating a tripping hazard. This violation was not documented when RPU last inspected the pole.</p>		

<b>5.</b>	<b>Location:</b>	Pole No. 32063J
	<b>Previous RPU Visit Details:</b>	05/03/2012
	<b>Date of CPUC Inspection:</b>	08/27/2013
<b>Explanation of Violation(s):</b>		
<b><u>Damaged High Voltage Sign</u></b>		
<p>GO 95, Rule 51.6-A, High Voltage Marking, 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. 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. Such signs shall be of weather and corrosion-resisting material, solid or with letters cut out therefrom and clearly legible.</i></p> <p>The pole had a damaged high voltage sign. This violation was not documented when RPU last inspected the pole.</p>		

<b>6.</b>	<b>Location:</b>	Pole No. J38867
	<b>Previous RPU Visit Details:</b>	04/26/2012
	<b>Date of CPUC Inspection:</b>	08/27/2013
<b>Explanation of Violation(s):</b>		
<b><u>Loose Span Guy Wire</u></b>		
<p>GO 95, Rule 56.2, Overhead Guys, Anchor Guys and Span Wires, states in part:</p> <p style="text-align: center;"><i>Guys shall be attached to structures, as nearly as practicable, at the center of load. They shall be maintained taut and of such strength as to meet the safety factors of Rule 44.</i></p> <p>A span guy wire was not taut. This violation was not documented when RPU last inspected the pole.</p>		

<b>7.</b>	<b>Location:</b>	Pole No. 27596J
	<b>Previous RPU Visit Details:</b>	07/18/2012
	<b>Date of CPUC Inspection:</b>	08/27/2013
<b>Explanation of Violation(s):</b>		
<b><u>Leaking Transformer</u></b>		
<p>GO 95, Rule 31.1, Design, Construction and Maintenance, states in part:</p> <p style="text-align: center;"><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>The pole had a transformer that was leaking oil. This violation was not documented when RPU last inspected the pole.</p>		