

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



January 2, 2026

SA2025-1385

Melvin Stark  
Principal Manager, EHSQ-T&D Compliance & Quality  
Southern California Edison (SCE)  
3 Innovation Way  
Pomona, CA 91768

**SUBJECT:** Substation Audit of SCE's Orange County and Lighthipe Switching Centers

Mr. Stark:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Kyle King of my staff conducted a substation audit of SCE's Orange County and Lighthipe Switching Centers from September 22-26, 2025. The audit included a review of SCE's records and field inspections of SCE's Orange County and Lighthipe Switching Centers substation 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 2, 2026, by electronic or hard copy, of all corrective measures taken by SCE to remedy and prevent such violations.

Please note that ESRB will be posting the audit report and your response to our audit on the CPUC website. If there is any information in your response that you would like us to consider as confidential, we request that in addition to your confidential response, you also provide us with a public or redacted version of your response that can be posted publicly on our website.

If you have any questions concerning this audit, you can contact Kyle King at (213) 222-3260 or [Kyle.King@cpuc.ca.gov](mailto:Kyle.King@cpuc.ca.gov).

Sincerely,

A handwritten signature in black ink.

Derek Fong, P.E.  
Senior Utilities Engineer, Supervisor  
Electric Safety and Reliability Branch  
Safety and Enforcement Division  
California Public Utilities Commission

Enclosures: CPUC Audit Findings

Cc: Leslie Palmer, Deputy Executive Director, Safety Enforcement, Safety Policy, and Water  
Eric Wu, Program Manager, Electric Safety and Reliability Branch, CPUC  
Kyle King, Utilities Engineer, ESRB, SED, CPUC

## **AUDIT FINDINGS**

### **I. Records Review**

During the audit, my staff reviewed the following records:

- SCE GO 174 Substation Inspection Process
- SCE GO 174 Substation Inspection Program
- SCE SOP Protection System Maintenance Program.
- Substation Operators Training Records
- Summary of Substation Inspections
- Inspection Checklists and One-Line Diagrams for ten substations
- Recent open and completed work orders
- Summary of results of Infrared Testing in 2024
- Oil sample testing results
- Infrared inspection records

## II. Field Inspections

My staff inspected the following substation facilities during the field inspection:

No.	Substation ID	Location
1	Cornuta	Flora Vista Ave., W/O Cornuta, Bellflower, CA
2	Somerset	C/O Lakewood Blvd. and Artesia St., Bellflower, CA
3	Imperial	13140 South Laureldale Ave., Downey, CA
4	Eric	16610 Gridley Rd., Cerritos, CA
5	Signal Hill	1900 E. Spring St., Signal Hill, CA
6	Los Cerritos	219 Canton Ave., Long Beach, CA
7	Bowl	1947 Walnut Ave., Long Beach, CA
8	Hathaway	1850 Lakewood Blvd., Long Beach, CA
9	Fremont	Compton Blvd. E/O Avalon, Compton, CA
10	Bullis	690 N. Bullis Rd., Compton, CA
11	Neptune	Between Grace & Ravenda Avenues, S/O 220 <sup>th</sup> Street, Carson, CA
12	Nola	S/W C/O Griffith and Main, Carson, CA
13	Alon	213 <sup>th</sup> and Vera Street, Carson, CA
14	Watson	Sepulveda Blvd., @ Broad Street, Carson, CA
15	Santa Fe Springs	12714 Los Nietos Rd., Santa Fe Springs, CA
16	Carmenita	14127 S. Carmenita Ave., Santa Fe Springs, CA
17	La Mirada	14800 Alondra Blvd., La Mirada, CA
18	Murphy	13300 Mulberry Ave. W/O Painter Ave., Whittier, CA
19	Nietos	10906 Romandel, E/O Bloomfield Ave., S/O Telegraph Rd., Santa Fe Springs, CA
20	Passons	8730 Pioneer Blvd., Santa Fe Springs, CA

### **III. Field Inspection - Violations List**

My staff observed the following violations during the field inspections portion of the audit:

**GO 174, Rule 12, General**, states in part:

*Substations shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to promote the safety of workers and the public and enable adequacy of service.*

*Design, construction, and maintenance should be performed in accordance with accepted good practices for the given local conditions known at the time by those responsible.*

Facilities at the following substations were not maintained for their intended use:

#### **Hathaway Substation**

- Manila 4 kV 300 AMP Regulator was leaking oil.

#### **Somerset Substation**

- No. 1 Bank 66/12 kV North Unit Transformer was leaking oil.

#### **Signal Hill Substation**

- No. 2 Bank 12/4 kV C Phase Transformer was leaking oil.

#### **Cornuta Substation**

- No. 2 Bank 66/12 kV Transformer “Confined Space” signage was damaged.

#### **Los Cerritos Substation**

- No. 2 Bank 66 kV Transformer Bus Disc Rack had a damaged concrete footing for pedestal H at position 4.