

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



August 18, 2026

SA2026-1489

Desiree Villalobos
Principal Manager, T&D Compliance Integration
Southern California Edison Company (SCE)
1 Innovation Way
Pomona, CA 91786

SUBJECT: Substation Audit of Southern California Edison's (SCE) Lugo Switching Area

Ms. Villalobos:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Stacey Ocampo of my staff conducted a substation audit of SCE's Lugo Switching Area from June 29-July 3, 2026. The audit was comprised of a records review and a substation facilities field inspection for the SCE Lugo Switching Area.

During the audit, my staff identified violations of one or more General Orders (GOs). A copy of the audit findings that itemize the violations is enclosed with this letter. Please advise me no later than September 18, 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 Stacey Ocampo at (213) 266-4712 or Stacey.Ocampo@cpuc.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Derek Fong".

(Derek Fong for Majed Ibrahim)

Majed Ibrahim, P.E.
Program and Project Supervisor
Electric Safety and Reliability Branch
Safety and Enforcement Division
California Public Utilities Commission

Enclosures: Audit Findings

Cc: Koko Tomassian, Director, Safety and Enforcement Division, CPUC
Eric Wu, Program Manager, Electric Safety and Reliability Branch, CPUC
Saimon Islam, Senior Utilities Engineer, Electric Safety and Reliability Branch, CPUC
Stacey Ocampo, Utilities Engineer, Electric Safety and Reliability Branch, CPUC

AUDIT FINDINGS

I. Records Review

During the audit, my staff reviewed the following records onsite:

- Map of substations within SCE's Lugo Switching Area
- SCE Substation maintenance and inspection procedures
- SCE Substation Testing Policies and Procedures
- SCE Lugo Switching Area Substation Inspector GO174 Training Records
- SCE Lugo Switching Area Substation Inspection Records from May 2023 – April 2026
- Inspection Checklists and One-Line Diagrams for three selected substations
- Pending and Completed Work Orders for the year 2025.

II. Records Review – Violations List

My staff observed the following violations during the records review portion of the audit:

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

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.

Between January 2025 and December 2025, SCE failed to complete 2 work orders by SCE's assigned due date.

III. Field Inspections

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

No.	Sub. ID	Location	Latitude	Longitude
1	Wrightwood	HWY 2 AND LONE PINE CYN RD	34.3581	-117.624
2	Phelan	W/O JOHNSON RD., 1/4 MI. S/O PHELAN RD	34.4237	-117.5551
3	Aqueduct	TOPAZ AVE & DARTMOUTH ST	34.4152	-117.3555
4	Hesperia	G' AVE	34.4128	-117.2895
5	Apple Valley	DEEP CREEK RD, 1.5 MI. S/O BEAR VALLEY RD	34.4494	-117.2242
6	Victor	PALMDALE RD, .5 MI. E/O HWY. 395	34.5064	-117.3886
7	Roadway	N/E C/O LAWSON AVE & DELICIOUS ST	34.5764	-117.4136
8	Helendale	100' W/O NAT'L TRAILS HWY & 1/2 MI. N/O VISTA RD	34.7404	-117.324
9	Bryman	OLD TRAILS HWY, .5 MI. N/O BRYMAN RD	34.682	-117.339
10	Oro Grande	N/E C/O 3RD ST & HILL ST	34.6014	-117.3349
11	Victorville	N/E C/O SIXTH ST & 'B' ST	34.5351	-117.2952
12	Cottonwood	HIGHWAY 18	34.3727	-116.8619
13	Goldhill	750' E/O HOLCOMB VALLEY RD., NEXT TO COUNTY DUMP	34.3035	-116.8198
14	Pluess	CRYSTAL CREEK RD	34.383	-116.9412
15	Lucerne	N/W C/O BARSTOW RD. AND OLD WOMAN SPRINGS RD	34.4448	-116.9462
16	Rancho	HWY 18, S/O STANDING ROCK	34.5178	-117.2159
17	Kramer	S/O HIGHWAYS 58 AND 395	34.9897	-117.5417
18	SEGS 4	1 MI. W/O HWY. 395 & 1 MI. N/O HWY 58	35.0118	-117.5558
19	SEGS 3	1 MI. W/O HWY. 395 & 1 MI. N/O HWY 58	35.0074	-117.5556
20	SEGS 5	1 MI. W/O HWY. 395 & 1 MI. N/O HWY 58	35.0118	-117.5558
21	Holgate	ON U.S. BORAX RD. 1/4 MI N/O INTERSTATE HIGHWAY 58	35.0142	-117.704
22	Amargo	ALLEY N/O AMARGO RD. E/O BORON AVE	35.000230	-117.649341

IV. 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:

Hesperia

- Phase A, B and C bushing oil sight glasses on the 115 kV Relay Pot were cracked.
- The 115 Line Pot Sec KN SW oil sight glass had an unreadable gauge.

Victor

- A bird nest was found in the line ground disconnect clip of the Phelan North 115 kV CB.
- A bird nest was found in the line ground disconnect clip of the Phelan North 115 kV Bus Disc.

Lucerne

- The GO BAR 33 kV Pot Sec Knife Switch case was weeping oil.

Rancho

- A bird nest was found in the top tier of the No. 2 CAP 12 kV capacitor structure.

Kramer

- The C Phase in the No. 1 Capacitor 220 kV Ground Disc fuse was leaking oil.
- A bird nest was found underneath the B Phase center frame in the line disconnect of the Rocket Test North 115 kV Line Ground Disc.

SEGS 5

- A bird nest was found underneath the B Phase frame of the Kramer-Sungen 115 kV Line Pot Disc.

Holgate

- Two wooden crossarms of the 33 kV SL&P Fuse Disc were splitting.