

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



March 11, 2026

SA2026-1372

Melvin Stark
Principal Manager, T&D Compliance Integration
Southern California Edison
1 Innovation Way
Pomona, California 91768

SUBJECT: Substation Audit of Southern California Edison's Vista Switching Center

Mr. Stark:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Sultan Tipu of my staff conducted a substation audit of Southern California Edison's (SCE) Vista Switching Center from January 20, 2026, to January 23, 2026. 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 April 10, 2026, 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 Sultan Tipu at (213) 660-5524 or Sultan.Tipu@cpuc.ca.gov.

Sincerely,

A handwritten signature in black ink that reads "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: Lee Palmer, Deputy Executive Director for Safety Enforcement, Safety Policy and Water, CPUC
Eric Wu, Program Manager, Electric Safety and Reliability Branch, CPUC
Sultan Tipu, Utilities Engineer, Electric Safety and Reliability Branch, CPUC

AUDIT FINDINGS

I. Records Review

During the audit, my staff reviewed the following records:

- Map of the Vista Switching Center AOR
- Listing of addresses of all substations in SCE Vista AOR
- GO 174 Sub Inspection Program Summary 2025 Final Signed
- Section 6.9 Substation Inspections, of SCE's Operators Manual
- SCE Substation Policies and Procedures
- SCE Vista Substation Inspector Training Records
- SCE Substation Inspection Records from July 2023 to July 2025
- Visual inspection checklist, substation equipment list, one-line diagrams and most recent electrical test for six selected substations
- Four most recent oil sample test results
- Pending and Completed Workorders for the year 2025
- Infrared testing for three selected substations in 2025

II. Field Inspections

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

Functional Location	Substation	Address	City
ES-8075	Highgrove	12700 Taylor St.	Colton
ES-5610	Colton	TBD Mt. Vernon and 'M' Streets,	Colton
ES-8021	Pepper	TBD Pepper St.	Rialto
ES-5636	Yucaipa	TBD Fourth St. & 'H' St. (Turn On 5Th St)	Yucaipa
ES-5628	Tennessee	TBD N/E C/O 18Th St. & Avenue 'E', S/O Yucaipa Blvd	Redlands
ES-5653	Smiley	TBD Henrietta St. 500 ft. S/W of Pepper Way	Redlands
ES-5629	Redlands	504 High Ave.	Redlands
ES-5604	Timoteo	TBD Mountain View Ave. & Redlands Blvd.	Redlands
ES-5650	Linde	TBD Slover Ave., E/O Etiwanda Ave.	Fontana
ES-8059	Purewater	W. San Bernardino Ave. & Woodbury Street	Redlands
ES-5654	Reduction	12550 Arrow Hwy.	Etiwanda
ES-5662	Arbors	8300 Rochester Ave (Orange Ave) B/T Foothill Bl. & Arrow Rou	Rancho Cucamonga
ES-5601	Randall	7700 Citrus Ave.	Fontana
ES-8134	Thrive	MARYGOLD AVE. 100' E/O KEMPSTER AVE.	Fontana
ES-5672	Alder	N/E CORNER LOCUST AVE. & EASTON ST.	Fontana
ES-5641	Mt. Vernon	TBD Orange St. S/O Baseline St., E/O Garner Ave.	San Bernardino
ES-8239	Sixteenth Street	TBD 16Th St. Off Mt. Vernon Ave.	San Bernardino
ES-8191	Falcon Ridge	5439 Delaney Way	Fontana
ES-5650	Linde	SLOVER AVE., E/O ETIWANDA AVE.	Fontana
ES-5664	Wimbledon	C/O Etiwanda Ave. & Jurupa Ave.	Ontario
ES-5615	Declez	CHERRY AND SAN BERNARDINO AVE.	Fontana

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:

Colton Substation

- Vista No. 2 Bank 66 kV circuit breaker unit leaking oil from the drain valve.
- Bus Tie No. 2 Bank 66 kV circuit breaker unit leaking oil from the drain valve.

Timoteo Substation

- The No. 2 Bank East 66/12 kV transformer was leaking oil from the tap changer handle.
- The No.2 Bank, East 66/12kV had one PCB label tag signage damaged.

Tennessee Substation

- The No. 2 Bank 12 kV Capacitor had damaged “High Voltage” sign.

Yucaipa Substation

- The No. 2 Bank East 66/12 kV transformer had a damaged identification signage tag.
- The No. 1 Bank Capacitor 12 kV had damaged “High Voltage” sign.
- The No. 3 Bank Capacitor 12 kV had damaged “High Voltage” signs on all three sides.

Mt. Vernon Substation

- The No. 1 Bank 33/4 kV transformer leaking oil from main tank tap changer valve.
- The No. 2 Bank 33/4 kV transformer leak or weeping oil from high side cable connector.

16th Street Substation

- The No. 2 Bank 33/12 kV transformer had one inoperable cooling fan.

Pepper Substation

- The No. 2 Bank East 115/12 kV transformer had a cracked glass cover for nitrogen blanket pressure gauge.
- The No. 2 Bank East 115/12 kV transformer had one inoperable cooling fan.
- The No. 2 Bank East 115/12 kV transformer had one damaged PCB label tag.
- The No. 2 Bank West unit 115/12 kV transformer had one damaged PCB label tag.

Randall Substation

- The No. 1 Bank 12 kV Capacitor had damaged “High Voltage” sign.
- The No. 1 Bank 12 kV Capacitor had damaged “DVVC Enabled” sign.
- The No. 3 Bank 12 kV Capacitor had damaged “High Voltage” sign.
- The No. 3 Bank 12 kV Capacitor had damaged “DVVC Enabled” sign.

Alder Substation

- The No. 1 Bank 12 kV Capacitor had damaged “High Voltage” sign.
- The No. 1 Bank 12 kV Capacitor had damaged “DVVC Enabled” sign.
- The No. 4 Bank 12 kV Capacitor had damaged “High Voltage” sign.
- The No. 4 Bank 12 kV Capacitor had damaged “DVVC Enabled” sign.
- The No. 5 Bank 12 kV Capacitor had damaged “High Voltage” sign.

Declez Substation

- The No. 1 Bank 12 kV Capacitor had damaged “High Voltage” sign.
- The No. 1 Bank 12 kV Capacitor had damaged “DVVC Enabled” sign.
- The No. 2 Bank 12 kV Capacitor had damaged “DVVC Enabled” sign.

Randall Substation

- The No. 1 Bank 12 kV Capacitor had damaged “High Voltage” sign.
- The No. 2 Bank 12 kV Capacitor had damaged “High Voltage” sign.