

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



June 12, 2026

EA2026-1413

Julie Manfredi
Compliance Officer
Roseville Electric Utility
116 S. Grant Street, Ste. 2
Roseville, CA 95678

SUBJECT: Electric Distribution Audit of Roseville Electric Utility (REU)

Ms. Manfredi:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission (CPUC), Brandon Vazquez and Rafael Herranz of ESRB conducted an electric distribution audit of REU from March 2-6, 2026. During the audit, ESRB staff conducted field inspections of REU's distribution facilities and equipment and reviewed pertinent documents and records.

As a result of the audit, ESRB staff identified violations of one or more General Orders (GOs). A copy of the audit findings itemizing the violations is enclosed. Please provide a response no later than **July 13, 2026**, by electronic copy of all corrective actions and preventive measures taken by REU to correct the identified violations and prevent the recurrence of 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 provide us with a public version (a redacted version of your confidential response) to be posted on our website.

If you have any questions concerning this audit, please contact Brandon Vazquez at (628) 249-2867 or Brandon.Vazquez@cpuc.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Rickey Tse'.

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

Enclosure: CPUC Electric Distribution Audit Report of REU

Cc: Lee Palmer, Deputy Executive Director, Safety Enforcement, Safety Policy, and Water, CPUC
Chihhsien "Eric" Wu, Program Manager, ESRB, Safety and Enforcement Division (SED), CPUC
Majed Ibrahim, Program & Project Supervisor, ESRB, SED, CPUC
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Jason Grace, Electric Operations Manager, REU
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CPUC AUDIT FINDINGS
ROSEVILLE ELECTRIC UTILITY (REU) DISTRIBUTION AUDIT
MARCH 2-6, 2026

I. Records Review

During the audit, Electric Safety and Reliability Branch (ESRB) reviewed the following records:

- REU's utility procedures, standards, etc. for electric distribution facility maintenance and inspections.
- REU's distribution facilities statistics.
- A list of all open, closed, and canceled work orders from January 1, 2020 to December 31, 2025.
- A list of completed and late patrol and detailed-inspection records from January 1, 2020 to December 31, 2025.
- Reliability metrics (SAIDI, SAIFI, CAIDI, and MAIFI) and sustained outages from January 1, 2020 to December 31, 2025.
- REU's Service Area Map.
- New construction projects completed from January 1, 2024 to December 31, 2025.
- Pole loading and safety factor calculations completed from January 1, 2024 to December 31, 2025.
- Third-Party Safety Hazard notifications (TPN) sent and received from January 1, 2020 to December 31, 2025.
- Inspector list and training records/courses from January 1, 2020 to December 31, 2025.
- Equipment test records from January 1, 2022 to December 31, 2025.
- Intrusive pole test records from January 1, 2022 to December 31, 2025.

II. Records Violations

ESRB observed the following violation during the records review portion of the audit:

1. General Order (GO) 95, Rule 31.1, Design, Construction and Maintenance states in part:

“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.

For all particulars not specified in these rules, design, construction, and maintenance should be done in accordance with accepted good practice for the given local conditions known at the time by those responsible for the design, construction, or maintenance of communication or supply lines and equipment.”

GO 128, Rule 17.1, Design, Construction and Maintenance states in part:

“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.

For all particulars not specified in these rules, design, construction, and maintenance should be done in accordance with accepted good practice for the given local conditions known at the time by those responsible for the design, construction, or maintenance of [the] communication or supply lines and equipment.”

ESRB reviewed REU’s work order records from January 1, 2020 to December 31, 2025. REU’s EOP 1.02 Distribution Inspection and Maintenance Program, Revision 1.02 (v1.0), Effective on June 4, 2019,¹ defines priority levels and associated time frames for work orders as follows:

Table 1: REU Priority Levels

Priority Level	Time Interval	Description
Priority 5 (Immediate to High Impact)	0-30 Days	Immediate or urgent response that may require continued action until the condition is repaired or no longer presents a potential hazard. This rating includes a high probability of potential safety issues including personal injury to the public or City employees, property damage or service interruptions to customers.
Priority 3 (Non-Immediate to Low Impact)	1-12 Months	Requires timely corrective action to mitigate an existing condition which, at the time of identification, does not present an immediate hazard to third parties, City employees or property. The probability of personal injury to third parties or City employees, property damage or service interruption to customers is low and is expected to remain so in the future. Every effort will be made to correct the identified maintenance conditions by the established due date.
Priority 1 (Low Impact):	12-36 Months	Requires no corrective action at the time of initial identification. However, monitoring of a time frame shorter than the normal periodic or condition-based inspection period is deemed warranted.

¹ REU Pre-Audit Data Request (PADR) Response, Question 2.

ESRB's analysis of the work order records found that REU had a total of 12 late-open work orders, out of 531 total work orders (2.26% late).² For several of these late work orders, ESRB also noted that there was significant lag time between the failed inspection "Reported Date" and the "Reported Date" for generating the subsequent corrective work order. Table 2 below lists the 12 late-open work orders by year, priority, and due date.

Table 2: Late-Open Work Orders

FAILED INSPECTIONS				FAILED INSPECTION CORRECTIVE WORK ORDERS						
Work Order	Location	Reported Date	Status	Work Order	Description	Reported Date	Status	Priority	Overhead/ Underground	Due Date
1571826	PP-1899	1/2/20 7:23 AM	CLOSE	3699039	Pole Failed Intrusive Test	2/28/25 12:57 PM	NEW	1	Overhead	1/2/2023
1572110	SP-0489	1/2/20 7:31 AM	CLOSE	3936600	Pole Failed Intrusive Test	9/2/25 1:55 PM	NEW	1	Overhead	1/2/2023
1579727	SP-0531	1/15/20 9:27 AM	CLOSE	3970768	Pole Failed Intrusive Test	9/30/25 7:47 AM	NEW	1	Overhead	1/15/2023
1593251	PP-2735	2/3/20 1:25 PM	CLOSE	3965013	Pole Failed Intrusive Test	9/24/25 3:50 PM	NEW	1	Overhead	2/3/2023
2395660	JB-0104	2/1/22 9:03 AM	CLOSE	4023531	Corrective Maintenance Needed - Corroded racks	11/3/25 6:43 AM	NEW	3	Underground	2/1/2023
2621024	GP-4774	8/10/22 7:48 AM	CLOSE	3990103	Pole Failed Intrusive Test	10/8/25 11:29 AM	NEW	1	Overhead	8/10/2025
2754330	PP-6767	1/3/23 6:24 AM	CLOSE	2788050	Pole Failed Intrusive Test - Calcs Done	2/15/23 11:05 AM	APPR	1	Overhead	1/3/2026
3194880	JB-0089	1/2/24 7:50 AM	CLOSE	4070155	Corrective Maintenance Needed - Needs New Lid	12/10/25 2:13 PM	APPR	3	Underground	1/2/2025
3645328	T-1762	1/13/25 9:57 AM	CLOSE	4006512	Corrective Maintenance Needed - Leaker: signs of static leak. Recommend changing out	10/27/25 8:30 AM	NEW	3	Underground	1/13/2026
3645389	JB-0195	1/13/25 10:01 AM	CLOSE	4060188	Corrective Maintenance Needed - Needs new lid	12/1/25 5:58 AM	NEW	3	Underground	1/13/2026
3645409	P-0815	1/13/25 10:01 AM	CLOSE	4060189	Corrective Maintenance Needed - Fix C/O and Arrestors	12/1/25 5:59 AM	NEW	3	Overhead	1/13/2026
3645496	JB-0789	1/13/25 10:03 AM	CLOSE	4070156	Corrective Maintenance Needed - Needs New Lid	12/10/25 2:14 PM	NEW	3	Underground	1/13/2026

**Due Date based on the failed inspection "Reported Date" and calculated using the maximum time intervals listed in Table 1.*

**Late-Open work orders effective as of January 21, 2026 (PADR Date).*

² Excel file: 4-abc Work Orders.xlsx. REU PADR Response, Question 4.

III. Field Inspection

During the field inspection, ESRB inspected the following facilities in Roseville:

Location	Structure ID	Structure Type	Address / GPS Coordinates
1	4023-9	Padmount Transformer	2214 Longview Dr
2	4024-10	Padmount Transformer	2209 Longview Dr
3	8418	Padmount Transformer	80 Linda Dr
4	0182-1	Padmount Transformer	80 Linda Dr
5	AJB0105	Padmount Junction Box	80 Linda Dr
6	PP2603	Pole	181 S Lincoln St
7	PP4131	Pole	173 S Lincoln St
8	PP2611	Pole	161 S Lincoln St
9	PP2612	Pole	153 S Lincoln St
10	PP2610	Pole	141 S Lincoln St
11	PP2613	Pole	135 S Lincoln St
12	PP4426	Pole	Atkinson St and Booth Rd
13	PP4425	Pole	Atkinson St and Booth Rd
14	PP4995	Pole	9020 Atkinson St
15	PP4424	Pole	9020 Atkinson St
16	PP2087	Pole	235 D St
17	PP2088	Pole	306 5th St
18	SP0500	Pole	306 1/2 5th St
19	PP2089	Pole	330 C St
20	PP4205	Pole	509 Keehner Ave
21	PP1298	Pole	301 Marian Ave
22	PP1297	Pole	301 Marian Ave
23	PP1296	Pole	309 Marian Ave
24	1762	Padmount Transformer	1905 Branding Iron Way
25	PP4809	Pole	1781 E Roseville Pkwy
26	PP6834	Pole	1781 E Roseville Pkwy
27	PP6228	Pole	1781 E Roseville Pkwy
28	DF10-343	Padmount Switch	1781 E Roseville Pkwy
29	6136	Padmount Transformer	1781 E Roseville Pkwy
30	JB097	Junction Box	38.746279, -121.259513
31	PP6429	Pole	8330 Brady Ln

Location	Structure ID	Structure Type	Address / GPS Coordinates
32	PP6430	Pole	38.748068, -121.313734
33	PP6432	Pole	2030 Brady Ln
34		Secondary Enclosure	1245 Arbor Ct
35	PP2389	Pole	38.744537, -121.286779
36	PP2390	Pole	38.744724, -121.286566
37	SP0419	Pole	38.744828, -121.286433
38	SP0437	Pole	112 Grape St
39	PP2192	Pole	38.745412, -121.294963
40	PP2193	Pole	38.745332, -121.294929
41	PP1900	Pole	113 Grape St
42	PP2035	Pole	121 Grape Ct
43	1844	Padmount Transformer	1204 Sommerset Ct
44		Secondary Enclosure	1204 Sommerset Ct
45		Pole	1804 View Ct
46	3328	Streetlight	1806 View Ct
47	PP1208	Pole	1210 Sheffield Way
48	PP4036	Pole	38.729470, -121.258004
49	PP1185	Pole	38.729246, -121.258010
50	FC108	Pole	Rear of 1788 Cirby Way
51	PP4035	Pole	1201 Cresmont Ave
52	PP4034	Pole	1804 Cirby Way
53	PP4033	Pole	1808 Cirby Way
54	PP4032	Pole	1810 Cirby Way
55	GP4774	Guy Pole	2020 Taylor Rd
56	PP1215	Pole	2020 Taylor Rd
57	PP1216	Pole	2020 Taylor Rd
58	SP0029	Pole	947 Porter Drive
59	DF4W-255	Padmount Switch	38.754672, -121.303184
60	3975-2	Padmount Transformer	1088 Rand Way
61	PP6019	Pole	38.776192, -121.277752
62	PB711	UG Pull Box	38.776224, -121.277786
63	9671	Padmount Transformer	38.776576, -121.277198
64	PP4856	Pole	38.791444, -121.384451
65	PP6844	Pole	38.791671, -121.384551

Location	Structure ID	Structure Type	Address / GPS Coordinates
66	PP6965	Pole	38.791675, -121.383688
67	PP6964	Pole	38.791677, -121.383328
68	6395	Padmount Transformer	38.791642, -121.383731
69	PP6824	Pole	38.810290, -121.325499
70		Pole	38.810433, -121.326378

IV. Field Inspection Violations

ESRB observed the following violations during the field inspection:

1. GO 95, Rule 44.3, Replacement states:

“Lines or parts thereof shall be replaced or reinforced before safety factors have been reduced (due to factors such as deterioration and thirds of the safety factors specified in Rule 44.1 and in Grade “C” construction to less than one-half of the safety factors specified in Rule 44.1. Poles in Grade “C” construction that only support communication lines shall also conform to the requirements of Rule 81.3–A.. In no case shall the application of this rule be held to permit the use of structures or any member of any structure with a safety factor less than one.”

Location	Violation Description
6	Pole top is deteriorated. REU has an open Work Order # 4031179 to assess the pole top.
16	Pole top is deteriorated and split. REU has an open work order for the split pole top.
17	Pole failed intrusive test. REU has an open Work Order # 3944976 to assess the pole.
21	Pole failed intrusive test. REU has an open Work Order # 3964174 to replace the pole.
32	Pole is red tagged due to a failed intrusive test. REU has an open Work Order # 4097463 to retest the pole by June 30, 2026.
39	Pole is red tagged due to a failed intrusive test. REU has an open Work Order # 3909505 to assess the pole.
54	Deteriorated/split pole top and bottom. REU created Work Order # 4180460 and assessed the pole. REU subsequently created Work Order # 4182543 to replace the pole.

2. GO 95, Rule 51.6-A, High Voltage Marking states in part:

“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.

The top of such sign(s) shall be located between the level of the lowest line conductor, energized in excess of 750 volts, on the pole to no more than 40 inches below that conductor level (see Figure 51–1).”

Location	Violation Description
10	High voltage sign is loose. REU created Work Order # 4245573 and fixed the signage.
17	Missing high voltage signage on one side. REU created Work Order # 4245590 and installed high voltage signage.
33	High voltage signage damaged/deteriorated. REU created Work Order # 4245597 to install new signage.
53	High voltage signage broken/damaged. REU created Work Order # 4245878 and installed new signage.

3. GO 95, Rule 34, Foreign Attachments states in part:

“Nothing in these rules shall be construed as permitting the unauthorized attachment, to supply, street light or communication poles or structures, of antennas, signs, posters, banners, decorations, wires, lighting fixtures, guys, ropes and any other such equipment foreign to the purposes of overhead electric line construction.

Nothing herein contained shall be construed as requiring utilities to grant permission for such use of their overhead facilities; or permitting any use of joint poles or facilities for such permanent or temporary construction without the consent of all parties having any ownership whatever in the poles or structures to which attachments may be made; or granting authority for the use of any poles, structures or facilities without the owner’s or owners’ consent.

All permanent attachments must be approved by the Commission (see Rule 15.1) and the owner(s) involved.”

Location	Violation Description
10	Unauthorized third-party signage. REU created Work Order # 4245573 and removed the signage.
15	Pole has a railroad spike near the bottom of the pole. REU created Work Order # 4245582 and removed the spike.

4. GO 95, Rule 54.6-B, Vertical and Lateral Conductors, Ground Wires states in part:

“That portion of the ground wire 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 Rule 22.8).”

Location	Violation Description
16	Exposed ground wire and broken ground molding. REU created Work Order # 4245585 to fix the ground molding.
35	Two small sections of ground wire exposed and damaged molding. REU created Work Order # 4245605 and fixed the ground molding.

5. GO 95, Rule 56.9, Guy Marker (Guy Guard) states:

“A substantial marker of suitable material, including but not limited to metal or plastic, not less than 8 feet in length, shall be securely attached to all anchor guys. Where more than one guy is attached to an anchor rod, only the outermost guy is required to have a marker.”

Location	Violation Description
16	Two high-vis strips on down guy are faded/deteriorated. REU created Work Order # 4245585 to install high-vis strips.

6. GO 95, Rule 31.1, Design, Construction and Maintenance states in part:

“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.”

Location	Violation Description
25	Blown fuses. REU has an open Work Order # 4245593 to change the cutouts for the lightning arrestor.

7. GO 128, Rule 17.1, Design, Construction and Maintenance states in part:

“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.

For all particulars not specified in these rules, design, construction, and maintenance should be done in accordance with accepted good practice for the given local conditions known at the time by those responsible for the design,

construction, or maintenance of [the] communication or supply lines and equipment.”

Location	Violation Description
44	Secondary Enclosure is being pushed up by tree roots and obstructing the door of adjacent Transformer # 1844. REU created Work Order # 4178983 and replaced the enclosure.

8. GO 95, Rule 56.2, Overhead Guys, Anchor Guys and Span Wires, Use states in part:

“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.”

Location	Violation Description
47	Corroded anchor and slack down guy.
48	Slack down guy. REU created Work Order # 4245877 to tighten the down guy.

9. GO 95, Rule 56.7-B, Location of Sectionalizing Insulators, Anchor Guys states in part:

“An insulator shall be installed in each anchor guy which is required to be sectionalized by Rule 56.6–A or 56.6–B, so that such insulator is located:

- (1) 8 Feet or more above the ground; and*
- (2) 8 Feet or more below the level of the lowest supply conductor, or 6 feet or more from surface of pole and one foot or more below the level of the lowest supply conductor (see Figure 56–8).”*

Location	Violation Description
50	Secondary guy bob low, about 6-foot clearance from ground level. REU created Work Order # 4245880 to raise the guy bob.

V. Field Observations

ESRB staff observed the following third-party potential safety concerns during the field inspection. REU must issue third-party notifications to the respective utilities for these findings.

GO 95, Rule 18, Maintenance Programs and Resolution of Potential Violations of General Order 95 and Safety Hazards states in part:

“For purposes of this rule, “Safety Hazard” means a condition that poses a significant threat to human life or property...”

GO 95, Rule 18-A, Resolution of Potential Violations of General Order 95 and Safety Hazards states in part:

“(3) 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 entity of such Safety Hazard(s) no later than ten (10) business days after the discovery.

(4) To the extent a company that has a notification requirement under (2) or (3) above cannot determine the facility owner/operator, it shall contact the pole owner(s) within ten (10) business days if the subject of the notification is a Safety Hazard, or otherwise within a reasonable amount of time not to exceed 180 days after discovery. The notified pole owner(s) shall be responsible for promptly (normally not to exceed five business days) notifying the company owning/operating the facility if the subject of the notification is a Safety Hazard, or otherwise within a reasonable amount of time not to exceed 180 days, after being notified of the potential violation of GO95[...]

Note: Each pole owner must be able to determine all other pole owners on poles it owns. Each pole owner must be able to determine all authorized entities that attach equipment on its portion of a pole.”

Location	Observations
7	Comms ground wire exposed and damaged molding. REU sent a TPN to the appropriate utility.
8	Comms ground wire exposed. REU sent a TPN to the appropriate utility.
9	Idle comms line on ground and customer cable taped to weatherhead. REU sent TPNs to the appropriate third-parties.
19	Low comms service line, about 6-feet groundline clearance and damaged customer attachment point. Comms riser not properly attached to pole. REU sent TPNs to the appropriate third-parties.
20	Cable TV and fiber line contacting at midspan. REU sent TPNs to

Location	Observations
	the appropriate utilities.
22	Two fiber lines contacting due to vegetation strain. REU sent TPNs to the appropriate utilities.
23	Two comms lines are contacting. REU sent TPNs to the appropriate utilities.
37	Comms ground wire exposed and damaged molding. REU sent a TPN to the appropriate utility.
39	Comms lines have vegetation strain/abrasion. REU sent TPNs to the appropriate utilities.
41	Low comms line about 9-feet vertical clearance crossing a driveway. REU sent a TPN to the appropriate utility.
47	Two slack comms down guys. REU sent TPNs to the appropriate utilities.
58	Idle comms service line hanging down pole. REU sent a TPN to the appropriate utility.