

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



June 5, 2024

EA2024-1192

Steve Mickelson
Electrical Supervisor
City of Lompoc Utilities Department / Electric Division
100 Civic Center Plaza
Lompoc, CA 93436

Subject: Audit of the City of Lompoc Utilities Department Electric Division (“City of Lompoc”)

Mr. Mickelson:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Eric Ujiiye of my staff conducted an electric distribution audit of the City of Lompoc from April 8-11, 2024. The audit included a review of the City of Lompoc’s records and field inspections of City of Lompoc’s facilities.

During the audit, my staff identified violations of one or more General Orders (GOs). Included with this letter is a copy of the audit findings that itemize the violations discovered during the audit. Please advise me no later than July 5, 2024, by electronic or hard copy, of all corrective measures taken by City of Lompoc 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 Eric Ujiiye at (213) 620-2598 or eric.ujiiye@cpuc.ca.gov.

Sincerely,

A handwritten signature in blue ink that reads "Fadi Daye".

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

Enclosures: Audit Findings

Cc: Leslie Palmer, Director, Safety and Enforcement Division, CPUC
Nika Kjensli, Program Manager, Electric Safety and Reliability Branch, CPUC
Eric Ujiiye, Utilities Engineer, ESRB, CPUC

AUDIT FINDINGS

I. Records Review

During the audit, my staff reviewed the following records:

- Overhead and underground detailed inspections records.
- Completed and pending corrective action work orders.
- Pole loading calculations.
- Safety hazard notifications.
- Intrusive test records
- City of Lompoc’s documented inspection program.

II. Field Inspections

My staff inspected the following facilities during the field inspection:

No.	Structure ID.	Type of Structure	Location
1	A-5279-LLW	Pole	Lompoc
2	A-4976-LLW	Pole	Lompoc
3	A-5300-LLW	Pole	Lompoc
4	A-5262-LLW	Pole	Lompoc
5	A-5301-LLW	Pole	Lompoc
6	A-5302-LLW	Pole	Lompoc
7	A-4867-LLW	Pole	Lompoc
8	A-5280-LLW	Pole	Lompoc
9	A-5304-LLW	Pole	Lompoc
10	A-5305-LLW	Pole	Lompoc
11	A-5277-LLW	Pole	Lompoc
12	A-5276-LLW	Pole	Lompoc
13	A-5263-LLW	Pole	Lompoc
14	A-5288-LLW	Pole	Lompoc
15	A-5289-LLW	Pole	Lompoc
16	A-5290-LLW	Pole	Lompoc
17	A-5291-LLW	Pole	Lompoc
18	A-5293-LLW	Pole	Lompoc
19	A-5299-LLW	Pole	Lompoc
20	A-5298-LLW	Pole	Lompoc
21	A-5297-LLW	Pole	Lompoc
22	A-5296-LLW	Pole	Lompoc
23	A-5295-LLW	Pole	Lompoc
24	A-5294-LLW	Pole	Lompoc
25	A-5312-LLW	Pole	Lompoc
26	A-5311-LLW	Pole	Lompoc
27	A-5310-LLW	Pole	Lompoc
28	A-5284-LLW	Pole	Lompoc
29	A-5285-LLW	Pole	Lompoc
30	A-4060-LLW	Pole	Lompoc
31	A-5286-LLW	Pole	Lompoc

32	A-4933-LLW	Pole	Lompoc
33	A-4925-LLW	Pole	Lompoc
34	A-4924-LLW	Pole	Lompoc
35	A-4923-LLW	Pole	Lompoc
36	A-4922-LLW	Pole	Lompoc
37	A-4921-LLW	Pole	Lompoc
38	A-4920-LLW	Pole	Lompoc
39	A-4932-LLW	Pole	Lompoc
40	A-4817-LLW	Pole	Lompoc
41	LLW-A-849	Pole	Lompoc
42	LLW-A-850	Pole	Lompoc
43	LLW-A-851	Pole	Lompoc
44	LLW-A-852	Pole	Lompoc
45	LLW-A-853	Pole	Lompoc
46	LLW-A-679	Pole	Lompoc
47	LLW-A-678	Pole	Lompoc
48	LLW-A-677	Pole	Lompoc
49	LLW-A-676	Pole	Lompoc
50	A-4793-LLW	Pole	Lompoc
51	LLW-A-681	Pole	Lompoc
52	LLW-A-682	Pole	Lompoc
53	LLW-A-683	Pole	Lompoc
54	LLW-A-684	Pole	Lompoc
55	LLW-A-688	Pole	Lompoc
56	LLW-A-687	Pole	Lompoc
57	LLW-A-686	Pole	Lompoc
58	LLW-A-685	Pole	Lompoc
59	LLW-A-684	Pole	Lompoc
60	Box for 3381	Vault	Lompoc
61	3381	Pad Mount	Lompoc
62	Box for 2317	Vault	Lompoc
63	2317	Pad Mount	Lompoc
64	SW-1344	Pad Mount	Lompoc
65	Box for 1344	Vault	Lompoc
66	SW-1545	Pad Mount	Lompoc
67	1709	Pad Mount	Lompoc
68	2542	Pad Mount	Lompoc
69	2827	Pad Mount	Lompoc
70	2749	Pad Mount	Lompoc
71	Box for 2749	Pad Mount	Lompoc
72	2298	Pad Mount	Lompoc
73	2394	Pad Mount	Lompoc
74	3285	Pad Mount	Lompoc
75	3240	Pad Mount	Lompoc
76	2558	Pad Mount	Lompoc

III. Field Inspection Violations List

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

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.

The City of Lompoc facilities supported on the following poles required maintenance:

- Pole A-4060-LLW – a traffic visibility strip was partially detached from the surface of the pole.
- Pole A-853-LLW – the attachment point of the down anchor to the down guy wire was buried below ground surface, which can invite corrosion.
- Pole A-679-LLW – the attachment point of the down anchor to the down guy wire was buried below ground surface.
- Pole A-4060-LLW – a traffic visibility strip was partially detached from the surface of the pole and sticking out, creating a public hazard.
- Pole A-684-LLW – the attachment point of the down anchor to the down guy wire was buried below ground surface.
- Pole A-848-LLW – the attachment point of the down anchor to the down guy wire was buried below ground surface.

GO 95, Rule 51.6-A, Marking and Guarding, High Voltage Marking of Poles, 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. A pair of signs may be stacked to a height of no more than 12 inches. Such signs shall be of weather and corrosion-resisting material, solid or with letters cut out therefrom and clearly legible.

The “HIGH VOLTAGE” signs on the following poles were either damaged or missing.

- Pole A-4060-LLW: The “HIGH” and “VOLTAGE” signs were missing.
- Pole LLW-A-850: The “HIGH” and “VOLTAGE” signs were missing.
- Pole LLW-A-851: The “HIGH” and “VOLTAGE” signs were missing.
- Pole LLW-A-679: The “HIGH” and “VOLTAGE” signs were missing.
- Pole LLW-A-678: The “HIGH” and “VOLTAGE” signs were missing.
- Pole LLW-A-851: The “HIGH” and “VOLTAGE” signs were damaged.

- Pole LLW-A-683: The “HIGH” portion was missing, and the “VOLTAGE” portion was damaged.
- Pole LLW-A-683: The “HIGH” and “VOLTAGE” portions of the sign were damaged.
- Pole LLW-A-846: The “HIGH” and “VOLTAGE” signs were missing.
- Pole LLW-A-845: The “HIGH” and “VOLTAGE” signs were damaged.
- Pole LLW-A-844: The “HIGH” and “VOLTAGE” signs were missing.

GO 95, Rule 54.6-B, Ground Wires, states in part:

That portion of the ground wires 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).

On each of the following poles, the ground moulding was either missing or damaged:

- Pole LLW-A-682: the ground moulding supported on the pole was damaged at 6 feet above the ground and detached at 10 feet above the ground, exposing the ground wire.
- Pole LL-A-846: the ground moulding supported on the pole was detached from the surface of the pole, exposing the ground wire.