

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 18, 2022

EA2022-969

Brian Baharie
Operations Manager
Anza Electric Cooperative, Inc.
P.O. Box 391909
58470 Highway 371, Anza, CA 92539

Subject: Audit of Anza Electric Cooperative, Inc.

Mr. Baharie:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Kyle King of my staff conducted an electric distribution audit of Anza Electric Cooperative, Inc. from April 25, 2022, to April 29, 2022. The audit included a review of Anza Electric Cooperative, Inc.'s records and field inspections of Anza Electric Cooperative, Inc.'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 August 18, 2022, by electronic or hard copy, of all corrective measures taken by Anza Electric Cooperative, Inc. to remedy and prevent such violations.

If you have any questions concerning this audit, you can contact Kyle King at (213)-222-3260 or Kyle.King@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: Lee Palmer, Director, Safety and Enforcement Division, CPUC
Nika Kjensli, Program Manager, ESRB, SED, CPUC
Kyle King, Utilities Engineer, ESRB, SED, CPUC

AUDIT FINDINGS

I. Records Review

During the audit, my staff reviewed the following records:

- Overhead and underground detailed inspections records
- Patrol records
- Completed and pending corrective action work orders
- Pole loading calculations
- Safety hazard notifications
- Intrusive test records
- Anza Electric Cooperative, Inc. documented inspection program.
- Vegetation Management Records

II. Records Review – Violations List

My staff reviewed a portion of Anza's paper records. Anza indicated that moving forward, it will implement an electronic database to track its inspection and work order records, thereby making Anza's records more auditable. Anza has done or is doing the following:

- Beginning in 2019, Anza implemented an electronic database for recording patrols and detailed inspections.
- Beginning a few months before our audit, Anza implemented an electronic database to track its work orders. Prior to this electronic database, Anza maintained paper records.
- Anza's general practice is to (1) fix safety hazards immediately and (2) fix all other issues on a rolling basis, i.e., as they arise, but within 12 months.

III. Field Inspections

My staff inspected the following structures during the field inspection portion of the audit:

	Structure No.	Structure Type	Location
1	012299	Utility Pole	Anza
2	012300	Utility Pole	Anza
3	012306	Utility Pole	Anza
4	8638	Utility Pole	Anza
5	012307	Utility Pole	Anza
6	012308	Utility Pole	Anza
7	012309	Utility Pole	Anza
8	012310	Utility Pole	Anza
9	012311	Utility Pole	Anza
10	012312	Utility Pole	Anza
11	012313	Utility Pole	Anza
12	012314	Utility Pole	Anza
13	012315	Utility Pole	Anza
14	012316	Utility Pole	Anza
15	012317	Utility Pole	Anza
16	8497	Utility Pole	Anza
17	8498	Utility Pole	Anza
18	8499	Utility Pole	Anza
19	8500	Utility Pole	Anza
20	8501	Utility Pole	Anza
21	012318	Utility Pole	Anza
22	012319	Utility Pole	Anza
23	012320	Utility Pole	Anza
24	012321	Utility Pole	Anza
25	012322	Utility Pole	Anza
26	012323	Utility Pole	Anza
27	10801	Utility Pole	Anza
28	10800	Utility Pole	Anza
29	10799	Utility Pole	Anza
30	10798	Utility Pole	Anza
31	10797	Utility Pole	Anza
32	10796	Utility Pole	Anza
33	10795	Utility Pole	Anza
34	10794	Utility Pole	Anza
35	10793	Utility Pole	Anza
36	10792	Utility Pole	Anza
37	10791	Utility Pole	Anza

38	10790	Utility Pole	Anza
	Structure No.	Structure Type	Location
39	10789	Utility Pole	Anza
40	5533	Utility Pole	Anza
41	5534	Utility Pole	Anza
42	10326	Utility Pole	Anza
43	5790	Utility Pole	Anza
44	5789	Utility Pole	Anza
45	5788	Utility Pole	Anza
46	10617	Utility Pole	Anza
47	10615	Utility Pole	Anza
48	10614	Utility Pole	Anza
49	012216	Utility Pole	Anza
50	10631	Utility Pole	Anza
51	10632	Utility Pole	Anza
52	10633	Utility Pole	Anza
53	10634	Utility Pole	Anza
54	10635	Utility Pole	Anza
55	10636	Utility Pole	Anza
56	10637	Utility Pole	Anza
57	012217	Utility Pole	Anza
58	10640	Utility Pole	Anza
59	10641	Utility Pole	Anza
60	10644	Utility Pole	Anza
61	10645	Utility Pole	Anza
62	10646	Utility Pole	Anza
63	10647	Utility Pole	Anza
64	10648	Utility Pole	Anza
65	10649	Utility Pole	Anza
66	10650	Utility Pole	Anza
67	10651	Utility Pole	Anza
68	3122	Utility Pole	Anza
69	10513	Utility Pole	Anza
70	3120	Utility Pole	Anza
71	10652	Utility Pole	Anza
72	TCB24	Pad-Mount Transformer	Garner Valley
73	1284A	Pad-Mount Transformer	Garner Valley
74	A56	Pad-Mount Transformer	Garner Valley
75	B21	Pad-Mount Transformer	Garner Valley
76	A57	Pad-Mount Transformer	Garner Valley
77	A58	Pad-Mount Transformer	Garner Valley

78	3889	Pad-Mount Transformer	Garner Valley
	Structure No.	Structure Type	Location
79	TCA49	Pad-Mount Transformer	Garner Valley
80	4694	Pad-Mount Transformer	Garner Valley
81	2923	Pad-Mount Transformer	Garner Valley
82	4099	Pad-Mount Transformer	Garner Valley
83	4313	Pad-Mount Transformer	Garner Valley
84	TCA69	Pad-Mount Transformer	Garner Valley
85	2863	Pad-Mount Transformer	Garner Valley
86	4354	Pad-Mount Transformer	Garner Valley
87	TC74A	Pad-Mount Transformer	Garner Valley
88	3412	Pad-Mount Transformer	Garner Valley
89	TC46	Pad-Mount Transformer	Garner Valley
90	4827	Pad-Mount Transformer	Garner Valley
91	TCF40	Pad-Mount Transformer	Garner Valley
92	3190	Pad-Mount Transformer	Garner Valley
93	1631	Pad-Mount Transformer	Garner Valley
94	3596	Pad-Mount Transformer	Garner Valley
95	3584	Pad-Mount Transformer	Garner Valley
96	TCF34	Pad-Mount Transformer	Garner Valley
97	1635	Pad-Mount Transformer	Garner Valley
98	TCE3	Pad-Mount Transformer	Garner Valley
99	3129	Pad-Mount Transformer	Garner Valley
100	4351	Pad-Mount Transformer	Garner Valley
101	012428	Utility Pole	Anza
102	012151	Utility Pole	Anza
103	2454	Utility Pole	Anza
104	3022	Utility Pole	Anza
105	3092	Utility Pole	Anza
106	012140	Utility Pole	Anza
107	012342	Utility Pole	Anza
108	012149	Utility Pole	Garner Valley
109	012137	Utility Pole	Pinyon
110	3287	Vegetation	Anza
111	3288	Vegetation	Anza
112	3289	Vegetation	Anza
113	10886	Vegetation	Anza
114	2635	Vegetation	Anza
115	5103	Vegetation	Anza
116	3249	Vegetation	Anza
117	4771	Vegetation	Anza

118	9543	Vegetation	Anza
	Structure No.	Structure Type	Location
119	4771	Vegetation	Anza
120	2301	Vegetation	Anza
121	3498	Vegetation	Anza
122	3499	Vegetation	Anza

IV. Field Inspection - Violations List

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

GO 95, Rule 51.6, 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 sign on Pole number 3122 was damaged.

GO 95, Rule 56.2, Overhead Guys, Anchor Guys and Span Wire 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.

The down guy wire attached to each of the following Anza Electric Cooperative, Inc. poles were loose:

- 10652
- 10513
- 012308

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.

- Padmounted transformer 4354 was poorly maintained and had a large pile of dirt obstructing the inside components.
- Padmounted transformers 4694 and 4313 had vegetation that was obstructing the working space.

GO 95, Rule 18.B, Reporting and Resolution of Safety Hazards Discovered by Utilities, Notifications of Safety Hazards, states in part:

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 company and/or facility owner of such safety hazard(s) no later than 10 business days after the discovery.

- Pole 10647 had a third-party communication conductor with a broken lashing wire hanging down to the ground. Anza Electric Cooperative, Inc. was not aware before this audit and did not notify the third-party communication company.
- Pole 10640 had a third-party low hanging communication conductor. Anza Electric Cooperative, Inc. was not aware before this audit and did not notify the third-party communication company.