PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

January 25, 2023 CA2022-941

Sherri Murillo
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Verizon Communications
1415 L Street, Ste 1250
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Subject: Audit of Verizon Communications' ("Verizon") Riverside County District

Ms. Murillo:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission (CPUC), Mily Vaidya of my staff conducted a Communication Infrastructure Provider (CIP) audit of Verizon's Riverside County District from November 14, 2022 to November 18, 2022. The audit included a review of Verizon's inspection and maintenance records and a field inspection of Verizon'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 February 27, 2023, by electronic or hard copy, of all corrective measures taken by Verizon to remedy and prevent such violations.

If you have any questions concerning this audit, you can contact Mily Vaidya at (213) 999 – 8528 or Mily.Vaidya@cpuc.ca.gov.

Sincerely,

Fadi Daye

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

Enclosure: Audit Findings

Cc: Lee Palmer, Director, Safety and Enforcement Division, CPUC
Nika Kjensli, Program Manager, ESRB, SED, CPUC
Derek Fong, Senior Utilities Engineer, ESRB, SED, CPUC
Mily Vaidya, Utilities Engineer, ESRB, SED, CPUC

Audit Findings

I. Records Review

During the audit, my staff reviewed the following records:

- Overhead and underground detailed inspection records
- Overhead and underground inspection program
- Patrol records
- Pole load calculations

II. Field Inspection

My staff inspected the following facilities during the field inspection:

No.	Structure ID.	Type of Structure	Location
1	GT123200	Pole	Mecca
2	9011790	Pole	Mecca
3	9011780	Pole	Mecca
4	9011770	Pole	Mecca
5	300755	Pole	Mecca
6	901176D	Pole	Mecca
7	99212	Pole	Mecca
8	99213	Pole	Mecca
9	99214D	Pole	Mecca
10	NT-1/40540CWT	Pole	Mecca
11	NT-2	Pole	Mecca
12	NT3-30450CWT	Pole	Mecca
13	NT4-40036CWT	Pole	Mecca
14	NT6	Pole	Mecca
15	48547CWT	Pole	Mecca
16	36467CWT	Pole	Mecca
17	40354CWT	Pole	Mecca
18	36466CWT	Pole	Mecca
19	48546CWT	Pole	Mecca
20	36465CWT	Pole	Mecca
21	40540CWT	Pole	Mecca
22	30404CWT	Pole	Mecca
23	40544CWT	Pole	Mecca
24	30403CWT	Pole	Mecca
25	36462CWT	Pole	Mecca
26	485411CWT	Pole	Mecca
27	4328610E	Pole	Moreno Valley
28	1668441E	Pole	Moreno Valley
29	Next to Pole 1668441E	Handhole	Moreno Valley
30	Canon Spring MCI	Handhole	Moreno Valley
31	Cannon Spring #418689	Antenna	Moreno Valley
32	2228083E	Pole	Moreno Valley
33	2228084E	Pole	Moreno Valley
34	214487S	Pole	Moreno Valley
35	4943367E	Pole	Moreno Valley
36	4714261E	Pole	Moreno Valley
37	2039802E	Pole	Moreno Valley
38	2039803E	Pole	Moreno Valley
39	215999E	Pole	Moreno Valley
40	1686321E	Pole	Moreno Valley
41	2228081E	Pole	Moreno Valley
42	4730968E	Pole	Moreno Valley
43	4730967E	Pole	Moreno Valley

44	4730966E	Pole	Moreno Valley
45	4730965E	Pole	Moreno Valley
46	4730964E	Pole	Moreno Valley
47	4730961E	Pole	Moreno Valley
48	4730960E	Pole	Moreno Valley
49	4730959E	Pole	Moreno Valley
50	4730958E	Pole	Moreno Valley
51	4730957E	Pole	Moreno Valley
52	4730956E	Pole	Moreno Valley
53	4730955E	Pole	Moreno Valley
54	4730954E	Pole	Moreno Valley
55	4730952E	Pole	Moreno Valley
56	4721721E	Pole	Moreno Valley
57	4721719E	Pole	Moreno Valley
58	4548400E	Pole	Moreno Valley
59	Near Pole 4548400E	Handhole	Moreno Valley
60	4721718E	Pole	Moreno Valley
61	4721720E	Pole	Moreno Valley
62	4730951E	Pole	Moreno Valley
63	4730951E	Pole	Moreno Valley
64	198321	Antenna	Menifee
65	40224	Padmount	Temecula
66	44118	Vault	Temecula
67	4309820E	Pole	Temecula
68	T2892A	Padmount	Temecula
69	264987	Pole	Menifee
70	16243420	Padmount	Menifee
71	274441	Padmount	Menifee
72	Near to Pole 274441	Handhole	Menifee
73	4602340E	Pole	Grand Terrace
74	4548396E	Pole	Grand Terrace
75	1020955H	Pole	Grand Terrace
76	4326626E	Pole	Grand Terrace
77	4561549E	Pole	Grand Terrace
78	Next to Mt Vernon and Spring St.	Pole	Grand Terrace
79	4721708E	Pole	Grand Terrace
80	4721709E	Pole	Grand Terrace
81	4721710E	Pole	Grand Terrace
82	4721711E	Pole	Grand Terrace
83	4721712E	Pole	Grand Terrace
84	4721715E	Pole	Grand Terrace
85	1020954H	Pole	Grand Terrace
86	4602341E	Pole	Grand Terrace
87	4602342E	Pole	Grand Terrace
88	4602343E	Pole	Grand Terrace
89	4602344E	Pole	Grand Terrace
90	4602345E	Pole	Grand Terrace
91	198986E	Pole	Grand Terrace

92	4602346E	Pole	Grand Terrace
93	225036E	Pole	Grand Terrace
94	225035E	Pole	Grand Terrace
95	4531912E	Pole	Grand Terrace
96	225033E	Pole	Grand Terrace

III. Field Inspection – Violations List

My staff observed the following violations during the field inspection 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.*

Verizon's facilities on the following poles required maintenance:

- Pole 30404: the lashing wire was damaged.
- Pole 9011790: the ground molding was damaged.

GO 95, Rule 86.2: 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 poles was not taut:

- GT123200
- NT-1/40540CWT
- 48547CWT
- 36465
- 40540
- 36462
- 4730960E
- 4730959E
- 4721718E

GO 95, Rule 38 - Minimum Clearances of Wires from Other Wires, Table 2, Case 8, Column C requires the minimum vertical separation between communications conductors on separate crossarms or other supports at different levels on the same pole and in adjoining midspans to be 12 inches.

, The vertical separation between a Verizon communications conductor and a third-party communications conductor attached to each of the following poles was less than 12 inches:

- 485411CWT
- 4548400E
- 4943367E
- 4561549E
- 4721711E

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.*

The following Verizon facilities required maintenance:

- Padmount 251457: the access cover was missing.
- PSLC 274441: the pedestal cover was not locked.