

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



March 19, 2025

CA2025-1199

Maegan Murphy
Crown Castle Communications
Utility Relations Manager for California
200 Spectrum Center Drive, Ste. 1700
Irvine, CA 92618

SUBJECT: Audit of Crown Castle Communications Los Angeles County North District

Ms. Murphy:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Sultan Tipu of my staff conducted a Communication Infrastructure Provider (CIP) audit of Crown Castle Communications' Los Angeles County North District from February 10, 2025, to February 14, 2025. The audit included a review of Crown Castle's inspection and maintenance records, and a field inspection of Crown Castle'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 21, 2025, by electronic or hard copy, of all corrective measures taken by Crown Castle Communications 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, please contact Sultan Tipu at (213) 660-5524 or Sultan.Tipu@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: CPUC Audit Findings

Cc: Lee Palmer, Director, Safety and Enforcement Division, CPUC
Majed Ibrahim, Senior Utilities Engineer (Supervisor), ESRB, SED, 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:

- Patrol & Detailed Inspection records
- Repair Notifications

II. Field Inspection

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

No.	Structure ID	Type of Structure	Location
1	GT95645	Pole	La Verne
2	GT89273	Pole	La Verne
3	GT89274	Pole	La Verne
4	GT89275	Pole	La Verne
5	GT89276	Pole	La Verne
6	GT89277	Pole	La Verne
7	4315581E	Pole	La Verne
8	2131077E	Pole	La Verne
9	2131076E	Pole	La Verne
10	2131075E	Pole	La Verne
11	1889873E	Pole	San Dimas
12	GT76324	Pole	San Dimas
13	1653212E	Pole	San Dimas
14	46476E	Pole	San Dimas
15	4512530E	Pole	San Dimas
16	4133899E	Pole	San Dimas
17	46477E	Pole	San Dimas
18	1215888E	Pole	San Dimas
19	1525719E	Pole	San Dimas
20	1889874E	Pole	San Dimas
21	2271165E	Pole	Glendora
22	2270888E	Pole	Glendora
23	2132448E	Pole	Glendora
24	378903E	Pole	Glendora
25	2019394E	Pole	Glendora
26	1969137E	Pole	Glendora
27	2180236E	Pole	Glendora
28	2127473E	Pole	Glendora
29	2180220E	Pole	Glendora
30	2180229E	Pole	Glendora
31	1740186E	Pole	Azuza
32	1740185E	Pole	Azuza
33	4572892E	Pole	Azuza
34	1490199E	Pole	Azuza
35	1740184E	Pole	Azuza
36	1740183E	Pole	Azuza
37	1740182E	Pole	Azuza
38	1740181E	Pole	Azuza
39	1740180E	Pole	Azuza
40	4603639E	Pole	Azuza
41	1739164E	Pole	Covina
42	1612291E	Pole	Covina

43	1612291E	Pole	Covina
44	4377052E	Pole	Covina
45	1612294E	Pole	Covina
46	1612295E	Pole	Covina
47	4792561E	Pole	Covina
48	1612297E	Pole	Covina
49	1612298E	Pole	Covina
50	2077451E	Pole	Covina
51	1172892E	Pole	Durate
52	4051723E	Pole	Durate
53	1669767E	Pole	Durate
54	CWT57024	Pole	Durate
55	X7961E	Pole	Durate
56	GT16221	Pole	Durate
57	13218CWT	Pole	Durate
58	1669796E	Pole	Durate
59	GT65543	Pole	Durate
60	38465CWT	Pole	Durate
61	VZ39660	Pole	Monrovia
62	1512965E	Pole	Monrovia
63	2288694E	Pole	Monrovia
64	4863033E	Pole	Monrovia
65	P0101	Pole	Monrovia
66	GT10081	Pole	Monrovia
67	GT16212	Pole	Monrovia
68	T4436	Pole	Monrovia
69	Next to T4436	Pole	Monrovia
70	Next to T4436	Pole	Monrovia
71	20001B	Pole	Burbank
72	20002B	Pole	Burbank
73	23409B	Pole	Burbank
74	23411B	Pole	Burbank
75	21823B	Pole	Burbank
76	2336B	Pole	Burbank
77	21823B	Pole	Burbank
78	22596B	Pole	Burbank
79	22595B	Pole	Burbank
80	2082B	Pole	Burbank
81	28530B	Pole	Burbank
82	25871B	Pole	Burbank
83	24516B	Pole	Burbank
84	3000 N. Hollywood Way	Handhole	Burbank
85	491295	Pole	Burbank
86	491294	Pole	Burbank
87	491293	Pole	Burbank
88	491292	Pole	Burbank
89	2007 N. Buena Vista Ave	Handhole	Burbank

90	1400 W. Glenoaks Blvd	Vault	Glendale
91	10639A	Pole	Glendale
92	10638A	Pole	Glendale
93	10639A	Pole	Glendale
94	10640A	Pole	Glendale
95	10641A	Pole	Glendale
96	10642A	Pole	Glendale
97	10643A	Pole	Glendale
98	10644A	Pole	Glendale
99	26787A	Pole	Glendale
100	10647A	Pole	Glendale
101	1148 Grandview Ave	Handhole	Glendale
102	1200 E. Colorado Blvd.	Vault	Pasadena
103	1200 E. Colorado Blvd.	Handhole	Pasadena
104	1217 E. Colorado Blvd.	Vault	Pasadena
105	1217 E. Colorado Blvd.	Handhole	Pasadena
106	1277 E. Colorado Blvd.	Vault	Pasadena
107	1277 E. Colorado Blvd.	Handhole	Pasadena
108	1335 E. Colorado Blvd.	Vault	Pasadena
109	1335 E. Colorado Blvd.	Handhole	Pasadena
110	1301 E. Colorado Blvd.	Vault	Pasadena
111	1301 E. Colorado Blvd.	Handhole	Pasadena

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.

Visibility strip attached to pole number 20001B was damaged.

Pole number tags attached to each of the following poles were missing or damaged:

- GT95465
- GT89276
- GT89277
- 2180236E
- 4603639E
- GT16221
- GT65543
- P0101
- T443E
- 20001B
- 2082B
- 25871B
- 491295
- 491294
- 491293
- 26787A

Crown Castle’s lashing wires on conductors supported on the following poles were broken:

- GT76324
- 1669796E
- GT65543
- 38465CWT

GO 95, Rule 31.6, Abandoned Lines, states:

Lines or portions of lines permanently abandoned shall be removed by their owners so that such lines shall not become a public nuisance or a hazard to life or property. For the purposes of this rule, lines that are permanently abandoned shall be defined as those lines that are determined by their owner to have no foreseeable future use.

A permanently abandoned Pole laying on the ground between pole 24516B and 25871B should be removed.

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.

Crown Castle communications conductors supported on each of the following poles were in contact with third-party communications conductors:

- 1889873E
- GT76324
- 1889874E
- 2271165E
- 1612294E
- 1612295E
- GT16221
- 4792561E

- 1215888E
- 4377052E
- 1612298

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

Nothing in these rules shall be construed as permitting the unauthorized attachment, to supply, streetlight 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.

An unauthorized “Speed Limit 5 MPH” sign was attached to Pole No. 491295.

GO 95, Rule 35, Vegetation Management, states in part:

When a supply or communication company has actual knowledge, obtained either through normal operating practices or notification to the company, that its circuit energized at 750 volts or less shows strain or evidences abrasion from vegetation contact, the condition shall be corrected by reducing conductor tension, rearranging or replacing the conductor, pruning the vegetation, or placing mechanical protection on the conductor(s).

A Crown Castle communication conductor attached to each of the following poles was strained by vegetation:

- 1889873E
- 46477E
- 1889874E
- 38465CWT
- GT76324
- 1215888E
- 13218CWT
- GT16212

GO 95, Rule 86.9 - Guy Marker (Guy Guard), states in part:

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.

Down guy wire supporting pole number GT95645 did not have a guy marker.