

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 22, 2026

TA2026-1397

Jordi Burbano, P.E.
Electrical Engineering Associate
Regulatory Standards and Compliance Section
City of Los Angeles, Department of Water and Power (LADWP)
111 North Hope Street, Room 1246
Los Angeles, CA 90012

SUBJECT: Transmission Audit of LADWP's Metro Grid

Mr. Burbano:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission (CPUC), Eric Ujiiye of my staff conducted a transmission audit of LADWP's Metro Grid from May 26-29, 2026. The audit included a review of LADWP's inspection and maintenance records and a field inspection of LADWP'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 24, 2026, by electronic or hard copy, of all corrective measures taken by LADWP to remediate 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 black ink, appearing to read "Majed Ibrahim".

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

Enclosures: Audit Findings

Cc: Koko Tomassian, Director, Safety and Enforcement Division, CPUC
Eric Wu, Program Manager, Electric Safety and Reliability Branch, CPUC
Derek Fong, Senior Utilities Engineer, Electric Safety and Reliability Branch, CPUC
Eric Ujiiye, Utilities Engineer, Electric Safety and Reliability Branch, CPUC

Audit Findings

I. Records Review

During the audit, my staff reviewed the following records:

- Inspection and maintenance practices.
- Routine inspections records.
- Completed and pending corrective action work orders.
- Intrusive test records.
- Safety hazard notifications.

II. Records Review – Violations List

My staff observed the following violations during the records review portion of the audit:

General Order (GO) 95, Rule 31.2, Inspection of Lines, states in part:

Lines shall be inspected frequently and thoroughly for the purpose of insuring that they are in good condition so as to conform with these rules.

GO 165, Section IV, Transmission Facilities, state in part:

Each utility shall prepare and follow procedures for conducting inspections and maintenance activities for transmission lines.

Per LADWP inspection records, LADWP conducted an aerial inspection on the Scattergood-Airport U circuit for facilities 1501-1506 on March 27, 2025 and, prior to that, on June 13, 2024. LADWP's "Transmission Maintenance and Inspection Plan" Version 4.5 dated 2025 requires aerial inspections to be conducted semi-annually; however, SED determined that the time span between the inspection dates was 9 months.

III. Field Inspection

My staff inspected the following facilities during the field inspection:

No.	Struct. ID.	Struct. Type	Circuits	Latitude	Longitude
1	1510	Tower	Scattergood-Olympic / Scattergood-Airway	33.93022502	-118.42804
2	1509	Tower	Scattergood-Olympic / Scattergood-Airway	33.92883089	-118.427512
3	1508	Tower	Scattergood-Olympic / Scattergood-Airway	33.92733365	-118.4271128
4	1507	Tower	Scattergood-Olympic / Scattergood-Airway	33.92592304	-118.426762
5	1506	Tower	Scattergood-Olympic / Scattergood-Airway	33.92449369	-118.4263828
6	1505	Tower	Scattergood-Olympic / Scattergood-Airway	33.92340651	-118.426124
7	1504	Tower	Scattergood-Olympic / Scattergood-Airway	33.92185586	-118.4256916
8	1503	Tower	Scattergood-Olympic / Scattergood-Airway	33.92007262	-118.4251887
9	954	Tower	Tarzana-Olympic L1, L2, L3	34.06940522	-118.4890337
10	953	Tower	Tarzana-Olympic L1, L2, L3	34.07101949	-118.4898615
11	952	Tower	Tarzana-Olympic L1, L2, L3	34.07257487	-118.4900832
12	951	Tower	Tarzana-Olympic L1, L2, L3	34.07360697	-118.4908336
13	950	Tower	Tarzana-Olympic L1, L2, L3	34.07553351	-118.4918698
14	949	Tower	Tarzana-Olympic L1, L2, L3	34.07644647	-118.4918831
15	948	Tower	Tarzana-Olympic L1, L2, L3	34.07782272	-118.4929466
16	946	Tower	Tarzana-Olympic L1, L2, L3	34.0824983	-118.4952246
17	945	Tower	Tarzana-Olympic L1, L2, L3	34.08418609	-118.4953867
18	944	Tower	Tarzana-Olympic L1, L2, L3	34.08730178	-118.4960822
19	943	Tower	Tarzana-Olympic L1, L2, L3	34.09054816	-118.496952
20	942	Tower	Tarzana-Olympic L1, L2, L3	34.09414235	-118.497748
21	941	Tower	Tarzana-Olympic L1, L2, L3	34.09882334	-118.496803
22	940	Tower	Tarzana-Olympic L1, L2, L3	34.1017643	-118.4959797
23	935	Tower	Tarzana-Olympic L1, L2, L3	34.11516756	-118.5042227
24	937	Tower	Tarzana-Olympic L1, L2, L3	34.11096375	-118.5023376
25	22A	Vault	Scattergood-Pershing A	33.9478563	-118.4437278
26	21A	Vault	Scattergood-Pershing A	33.95083664	-118.4387777
27	23A	Vault	Scattergood-Pershing A	33.94360352	-118.4415423
28	MH18	Vault	Scattergood-Airport L1	33.93509855	-118.3785513
29	MH23	Vault	Scattergood-Airport L2	33.94876467	-118.3782182
30	MH1	Vault	Olympic-Pershing A	34.0321138	-118.4581784
31	MH24	Vault	Tarzana-Olympic L1 B	34.03396835	-118.46034
32	MH24A	Vault	Tarzana-Olympic L1 A	34.0339826	-118.4603235
33	MH22	Vault	Tarzana-Olympic L1 B	34.03685663	-118.4603561
34	MH22A	Vault	Tarzana-Olympic L1 B	34.03684131	-118.4603811

IV. Field Inspection – Violations List

My staff observed the following violations during the field inspection:

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 following LADWP facilities required maintenance:

- Tower 1510 supporting the Scattergood-Olympic / Scattergood-Airway Circuit had a concrete pylon that was completely buried below ground level and covered by vegetation.
- Tower 1507 supporting the Scattergood-Olympic / Scattergood-Airway Circuit had two concrete pylons that were partially buried below ground level.
- Tower 954 supporting the Tarzana-Olympic L1, L2, L3 Circuit was missing a bolt used to attach a steel member to the footings of the tower.
- Tower 940 supporting the Tarzana-Olympic L1, L2, L3 Circuit had a concrete pylon that was completely buried below ground level and covered by vegetation.
- Tower 940 supporting the Tarzana-Olympic L1, L2, L3 Circuit had a concrete pylon with a damaged section that exposed the internal rebar.