

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



March 20, 2020

TA2019-833

Scott Hirashima, P.E.
Manager of Regulatory Standards and Compliance
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 North District

Mr. Hirashima:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission (CPUC), Eric Ujiiye and Derek Fong of my Staff conducted an electric transmission audit of LADWP's North District from October 7, 2019 to October 11, 2019. 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 April 20, 2020, by electronic or hard copy, of all corrective measures taken by LADWP to remedy and prevent such violations.

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

Enclosure: Audit Findings

Cc: Lee Palmer, Director, Safety and Enforcement Division, CPUC
Nika Kjensli, Program Manager, ESRB, CPUC
Charlotte TerKeurst, ESRB, SED, CPUC
Eric Ujiiye, Utilities Engineer, ESRB

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:

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, states:

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

The following inspections were not performed by their due date:

	<u>Circuit</u>	<u>Task ID</u>	<u>Tower ID.</u>	<u>Due Date</u>	<u>Completion Date</u>	<u>Past due</u>
1.	██████████	178721	30.6	05/03/18	08/06/18	>3 months
2.	██████████	639431	34.1	01/26/18	08/02/18	7 months
3.	██████████	218704	230	02/19/19	08/28/18	6 months
4.	██████████	172498	238	04/21/18	08/28/18	4 months
5.	██████████	644699	249	02/22/18	08/27/18	6 months
6.	██████████	644698	250	02/22/18	08/27/18	6 months

III. Field Inspection

My staff inspected the following facilities during the field inspection:

No.	Structure ID.	Type of Structure	Location
1	30-7	Pole	Northridge
2	473	Pole	Sylmar
3	227	Pole	Sylmar
4	31.1	Pole	Sylmar
5	474	Pole	Sylmar
6	228	Pole	Sylmar
7	31.2	Pole	Sylmar
8	475	Pole	Sylmar
9	229	Pole	Sylmar
10	31.3	Pole	Sylmar
11	476	Pole	Sylmar
12	230	Pole	Sylmar
13	31.4	Pole	Sylmar
14	477	Pole	Sylmar
15	231	Pole	Sylmar
16	32.2	Pole	Sylmar
17	481	Pole	Sylmar
18	235	Pole	Sylmar
19	32.3	Pole	Sylmar
20	482	Pole	Sylmar
21	236	Pole	Sylmar
22	32.4	Pole	Sylmar
23	483	Pole	Sylmar
24	237	Pole	Sylmar
25	32.5	Pole	Sylmar
26	484	Pole	Sylmar
27	238	Pole	Sylmar
28	496	Pole	Sylmar
29	34.1	Pole	Sylmar
30	237	Pole	Sylmar
31	495	Pole	Sylmar
32	33.7	Pole	Sylmar
33	494	Pole	Sylmar
34	14137 Oxnard	Vault	Sylmar
35	1405158	Vault	Sylmar
36	1405281	Vault	Sylmar

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.

LADWP transmission towers 476, 495 and 33.7 supported damaged structural members located near the footing of the three towers. LADWP is in violation of GO 95, Rule 31.1, for failing to properly maintain structural members on its towers.