

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



February 9, 2026

SA2025-1392

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:** Substation Audit of LADWP Metro District

Mr. Burbano:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Eric Ujiiye of my staff conducted a substation audit of LADWP Metro District from October 13-17, 2025. The audit included a review of LADWP Metro District's records and field inspections of LADWP Metro District's substation 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 March 9, 2026, by electronic or hard copy, of all corrective measures taken by LADWP 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, you can contact Eric Ujiiye at (213) 620-2598 or [Eric.Ujiiye@cpuc.ca.gov](mailto:Eric.Ujiiye@cpuc.ca.gov).

Sincerely,

A handwritten signature in cursive script that reads "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: Leslie Palmer, Deputy Executive Director, Safety Enforcement, Safety Policy, and Water  
Eric Wu, Program Manager, Electric Safety and Reliability Branch, CPUC  
Eric Ujiiye, Utilities Engineer, ESRB, SED, CPUC

## AUDIT FINDINGS

### I. Records Review

During the audit, my staff reviewed the following records onsite:

- Map of the substations in the LADWP AOR territory.
- LADWP Substation maintenance and inspection procedures
- LADWP Substation Testing Policies and Procedures
- LADWP Metro Substation Inspector – GO174 Training Records Documentation
- LADWP Metro Substation Inspection Records from January 2023 – December 2025
- Inspection Checklists and One-Line Diagrams for three selected substations
- Pending and Completed Workorders for the year 2024.

### II. Field Inspections

My staff inspected the following substation facilities during the field inspection:

No.	Substation ID	Location
1	DSS-144	1140 Palmetto Street
2	DS-93	4114 Eagle Rock Blvd.
3	DS-30	4905 Maywood Ave.
4	DS-2	225 North Avenue 61
5	DS-36	3436 Marmion Way
6	SS-River	625 South Mesquite Street
7	DS-54	1675 Hillhurst Ave
8	DS-15	604 North Commonwealth Ave
9	DS-187	2411 Bellevue Ave
10	DS-26	1638 Palo Alto Street
11	DS-75	801 South Beacon

### **III. Field Inspection - Violations List**

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

**GO 174, Rule 12, General**, states in part:

*Substations shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to promote the safety of workers and the public and enable adequacy of service.*

*Design, construction, and maintenance should be performed in accordance with accepted good practices for the given local conditions known at the time by those responsible.*

Facilities at the following substations were not maintained for their intended use:

#### **DS-144 Substation**

- Warning labels on circuit breakers 8-12 and 22-26 were deteriorated and illegible.

#### **DS-93 Substation**

- The Bank 1 transformer had oil seepage at the oil level gauge.

#### **DS-2 Substation**

- The Transfer Bus East Section supported a pot-head riser that was corroded near the grounding cable.

#### **DS-36 Substation**

- Oil seepage was observed at the Atwater-Marmion line 2 Oil Switch Circuit Breaker No. 7 oil level sight glass.
- The Bank 2 transformer was observed to have oil seepage near the fill hole.

#### **DS-54 Substation**

- At the Atwater-Los Felix Cable C a ground wire was secured closely to the ground creating a tripping hazard.
- A ground cable supported on Bank No.2 breakers was missing a bracket causing the cable to be loosely secured.
- An auxiliary riser junction box on Bus 2 Atwater-Los Felix Cable B supported a deteriorated concrete base.

#### **DS-15 Substation**

- The Bank 1B 34.5kV/4.8 kV was leaking oil near the bottom of the radiator.

#### **DS-26 Substation**

- A fire extinguisher located in the control room displayed the last annual inspection date on the inspection tag of April 16, 2024.

**DS-75 Substation**

- A grounding cable on the L-6 Market-Beacon Cable B oil breaker was missing attachment brackets, thereby creating a tripping hazard.