

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



February 1, 2024

SA2023-1046

Jared Martinez
Anaheim Public Utilities
201 S. Anaheim Blvd
Anaheim, CA 92805

SUBJECT: Substation Audit of Anaheim Public Utilities Switching Center

Mr. Martinez:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Mily Vaidya of my staff conducted a substation audit of Anaheim Public Utilities (APU) Switching Center from April 10 – April 14, 2023. The audit included a review of APU's records and field inspections of APU'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 1, 2024, by electronic or hard copy, of all corrective measures taken by APU 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 Mily Vaidya at (213) 999-8528 or Mily.Vaidya@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: Audit Findings

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

AUDIT FINDINGS

I. Field Inspections

My staff inspected the following facilities during the field inspection:

No.	Substation Name
1	Park Substation
2	Fermont Substation
3	Yorba Substation
4	Dowling Substation
5	Canyon Substation
6	Sharp Substation
7	Anaheim Substation
8	Vermont Substation
9	Lewis Substation
10	Katella Substation
11	Harbor Substation
12	Southwest Substation
13	Clair Substation
14	Hannum Substation

II. 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:

Park Substation

- A warning sign was not easily readable.

Fermont Substation

- A fire extinguisher inspection tag was missing
- A battery storage chemical hazard sign was missing.
- The 2B CAP Bank Fan was not working.
- A bird nest was found in Breaker 62 (the line feeding Yorba 2)

Yorba Substation

- Fire extinguisher inspection was not updated annually.

Dowling Substation

- Fire extinguisher inspection was not updated annually.

Canyon Substation

- Fire extinguisher inspection was not updated annually.

Sharp Substation

- Fire extinguisher inspection was not updated annually.

Anaheim Substation

- Fire extinguisher inspection was not updated annually.

Vermont Substation

- Fire extinguisher inspection was not updated annually.

- A bird nest was found on Fan 20 of the 5A Bank transformer

Lewis Substation

- A bird nest found was in No 3 Katella South (A&C Phase)
- A bird nest found was in No 3 Katella North (A Phase)
- A bird nest found was in No 3 Vermont North (B Phase)
- Fire extinguisher not labeled for inspection (Relay Room)
- There was an oil leak in transformer 1B Bank East
- There was an oil leak in 1B Bank West
- There was an oil leak in 1A Bank; additionally, the fan was not working.

Katella Substation

- Fire extinguisher inspection was not updated annually.
- The spill kit was not sealed.

Harbor Substation

- The spill kit was not sealed.

Southwest Substation

- Fire extinguisher inspection was not updated annually.
- There was an oil leak in a transformer (from the valve)
- A fan was not working.

Clair Substation

- Fire extinguisher inspection was not updated annually.

Hannum Substation

- Fire extinguisher inspection was not updated annually.
- A bird nest was found on 1B Bank transformer.