

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
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April 17, 2025

SA2025-1204

Jennifer Kaminsky
Manager – Electric Assets & Compliance
San Diego Gas and Electric (SDG&E)
8315 Century Park Court, Suite CP22B
San Diego, CA 92123

SUBJECT: Substation Audit of SDG&E Beach Cities District

Ms. Kaminsky:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Norvik Ohanian of my staff conducted a substation audit of San Diego Gas & Electric (SDG&E) Beach Cities District from March 17, 2025 to March 21, 2025. The audit included a review of SDG&E's records and field inspections of SDG&E'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 May 19, 2025, by electronic or hard copy, of all corrective measures taken by SDG&E 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 Norvik Ohanian at (213) 660-5528 or Norvik.Ohanian@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
Eric Wu, Program Manager, Electric Safety and Reliability Branch, CPUC
Norvik Ohanian, Utilities Engineer, Electric Safety and Reliability Branch, CPUC

AUDIT FINDINGS

I. Records Review

During the audit, my staff reviewed the following records:

- SDG&E Substation Inspection Procedures
- SDG&E Substation Procedures
- Summary of SDG&E Beach Cities Substation Inspections
- Summary of Inspection Checklists and One-Line Diagrams for 6 Substations
- Summary of Pending and Completed Work Orders
- Summary of Results of Infrared Testing for 3 Substations
- Summary of Results from Substation Oil Sample Tests

II. Field Inspections

My staff inspected the following facilities during the field portion of the audit:

No.	Substation Name
1	Old Town
2	Wetherby
3	Sewage Pumping Station #2
4	Naval Training Center Station C
5	Point Loma
6	Point Loma Sewage
7	Elliott
8	Kyocera
9	Kearny West
10	Mesa Heights
11	Clairmont
12	Rose Canyon
13	La Jolla
14	Pacific Beach
15	Scripps
16	Miramar
17	Mesa Rim
18	UCSD Metering
19	Sewage Pumping Station #64
20	Penasquitos

III. Field Inspection - Violations List

My staff observed the following violations during the field inspection 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:

Old Town

- The 69kV TL 611 circuit breaker cabinet right door grounding strap was disconnected.
- The 69kV/12kV EAST BUS SL&P oil temperature indicator was unreadable due to the moisture behind the screen.
- The BANK 70 transformer was leaking oil from the East side radiator bleeder valve.

Whiterby

- The 4kV WY3 circuit breaker was leaking oil from the oil valve.

Point Loma

- The BANK 31 transformer was leaking oil from the North side radiator flange.

Point Loma Sewage

- The BANK 10 transformer nitrogen cabinet viewing window was blurry causing the indicator behind it unreadable.

Elliott

- One of the cooling fans on the BANK 33 transformer was not running.

Clairmont

- One of the cooling fans on the BANK 31 transformer was not running.

La Jolla

- The BANK 31 transformer was leaking oil from the oil filtration system valve.

Pacific Beach

- The BANK 31 transformer was leaking oil from the East side radiator flange.

Penasquitos

- There was a bee swarm at BANK 71 5S line disconnect near 230kV BANK 71 5S circuit breaker.
- The 69kV SOUTH-EAST SL&P MAIN AC PANEL cabinet door handle was missing.