

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



March 3, 2026

SA2026-1360

Sandra Aguilar  
Team Lead,  
Substation & Transmission Compliance  
Kearny Maintenance & Operations  
5488 Overland Ave  
San Diego, CA 92123

**SUBJECT:** Substation Audit of San Diego Gas and Electric's Beach Cities District

Ms. Aguilar:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission (CPUC), James Miller of my staff conducted a substation audit of San Diego Gas and Electric's (SDG&E) Beach Cities District from February 23-27, 2026. The audit included a review of SDG&E's records and field inspections of SDG&E'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 3, 2026, 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, you can contact James Miller at (213) 660-8898 or [James.Miller@cpuc.ca.gov](mailto:James.Miller@cpuc.ca.gov).

Sincerely,

A handwritten signature in black ink that reads "Majed Ibrahim".

Majed Ibrahim, P.E.  
Senior Utilities Engineer (Supervisor)  
Electric Safety and Reliability Branch  
Safety and Enforcement Division  
California Public Utilities Commission

Enclosures: Audit Findings

Cc: Leslie Palmer, Deputy Executive Director for Safety Enforcement, Safety Policy and Water, CPUC  
Eric Wu, Program Manager, ESRB, SED, CPUC  
James Miller, Utilities Engineer, ESRB, SED, CPUC

## AUDIT FINDINGS

### I. Records Review

During the audit, my staff reviewed the following records and documents:

- Substation Inspection Program and Procedures
- Substation Inspection Records
- Special and Infrared Testing Records
- Work Order Records
- Battery Testing Records
- Fire Protection System Maintenance and Inspection Program
- Inspector Training Records
- Equipment Lists
- One-line Diagrams
- Oil Test Results

## II. Field Inspections

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

No.	Substation Name
1	Clairemont
2	Eastgate
3	Elliot
4	Friars
5	Genesee
6	Kearny West
7	Kettner
8	Kyocera
9	La Jolla
10	Mesa Heights
11	Mesa Rim
12	Mira Sorrento
13	Miramar GT
14	Miramar
15	Old Town
16	Pacific Beach
17	Penasquitos
18	Point Loma
19	Rose Canyon
20	Scripps
21	Sewage Pump Station #2
22	Sewage Pump Station #64
23	Torrey Pines
24	University of California Metering
25	Vine
26	Witherby

### III. Field Inspections – Violations List

My staff observed the following violations during the field inspection:

**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 in need of maintenance:

#### **Mesa Heights Substation**

1. The liquid temperature gauge on the Bank 32 Transformer displayed a higher reading than its winding temperature gauge (46°C vs. 39°C, respectively). One of these two gauges is most likely malfunctioning or is in need of calibration.

#### **Miramar Substation**

2. The nitrogen viewing window for the Bank 30 transformer was not transparent and the nitrogen gauges cannot be read without opening the cabinet.

#### **La Jolla Substation**

3. The Bank 31 Transformer had a small oil leak on the LTC oil filter.

#### **Penasquitos Substation**

4. The Bank 51 Transformer was leaking oil from the east side of both its north and south-side radiators.
5. The Bank 50 Transformer was leaking oil from the southeast corner of the unit.
6. One of the fans on the south side of the Bank 50 Transformer was not operational.