# Annual Report
# Substation Visual Inspection Program
# 2025

Prescribed by the California Public Utilities Commission (CPUC), General Order 174 (GO 174) establishes requirements for inspection of electric utility substations to ensure safe and high-quality electrical service. SMUD meets the standard of care laid out in GO 174 via its Substation Visual Inspection Program.

SMUD's Substation Visual Inspection Program inspections are intended to identify any visible discrepancy of facilities within a substation. As defined in GO 174, an inspection is a basic evaluation, generally performed using visual and auditory senses, but which could be conducted by other means. SMUD's Substation Visual Inspection Program applies the inspection to facilities that can be safely accessed and inspected by visual and auditory senses, without the need for clearances and/or outages. SMUD visually inspects its substations a minimum of 10 times per year, a cycle that is prescribed in SMUD's Substation Visual Inspection Program, in alignment with GO 174.

This table contains the results of the inspections conducted in the 2025 calendar year and shows that all 2,381 inspections were completed.

Table 1 – 2025 Substation Visual Inspection Summary

| **Type of Inspections** | **Due [1]** | **Outstanding [2]** |
|---|---|---|
| Distribution Substation Visual Inspections | 2,084 | 0 |
| Bulk Substation Visual Inspections | 209 | 0 |
| Transmission Substation Visual Inspection | 88 | 0 |

Notes:
1) Total inspections due in the reporting period. (Does not include outstanding inspections from prior years.)
2) Total inspections required that were not completed in the reporting period. (Does not include outstanding inspections from prior years.)