



Annual Report
Distribution Substation Inspection Program
2017

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

SMUD’s Distribution Substation Inspection Program inspections are intended to identify any obvious abnormal conditions, material or structural problems or hazards, and any other anomalies or deficiencies. In accordance with GO 174, the inspections are limited to equipment that can be safely accessed and inspected by visual and auditory senses, without the need for clearances and/or outages. SMUD visually inspects its distribution substations a minimum of 10 times per year, a cycle that meets GO 174.

This table contains the results of the inspections conducted in the 2017 calendar year, and shows that all 1,851 inspections were completed.

Table 1 – 2017 Distribution Substation Inspection Summary*

Type of Inspections	Due ¹	Outstanding ²
Distribution Substation Visual Inspections	1,851	0

Notes:

*The format and contents of the table and accompanying notes are as set forth in GO 165.

- 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.)