Annual Report
Distribution System
Inspection Program 2025

Prescribed by the California Public Utilities Commission (CPUC), General Order 165 (GO 165) establishes requirements for inspection of electric distribution facilities in order to ensure safe and high-quality electrical service. SMUD meets the standard of care laid out in GO 165 via its Distribution Line Inspection Program.

This program includes inspections of SMUD's distribution system on cycles that meet the guidelines as set forth in California's Public Utility Commission's General Order 165 (GO 165). The inspections are grouped in the following three categories: Patrol, Detailed, and Wood Pole Intrusive.

A patrol inspection is a simple visual inspection, of applicable utility equipment and structures, which is designed to identify obvious structural problems and hazards. Patrols inspections are conducted annually primarily on all of SMUD's overhead electric distribution facilities.

A detailed inspection is one where individual pieces of equipment and structures are carefully examined, visually and through use of a routine diagnostic test, as appropriate, and (if practical and if useful information can be so gathered) opened, and the condition of each rated and recorded. Detailed inspections cycles are every five years for overhead and padmount equipment and every three years for underground equipment.

An intrusive inspection involves movement of soil, taking samples for analysis, and/or using more sophisticated diagnostic tools beyond visual inspections or instrument reading. Wood poles over 15 years which have not been subject to intrusive inspection are due for inspection in 10 years. Wood poles which passed intrusive inspection are due every 20 years.

This table contains the results of SMUD's Distribution Line Inspection Program conducted in the 2025 calendar year.

Table 1 – 2025 Electric Distribution Inspection Summary*

Type of Inspections	**Due [1]**	**Outstanding [2]**
Patrol Inspections	10,923 overhead circuit miles	0
Overhead Detailed Inspections	36,887 locations	0
Padmounted Detailed Inspections	9,581 locations	0
Underground Detailed Inspections	364 locations	0
Wood Pole Intrusive Inspections	24,615 locations[3]	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.)
3) SMUD conducted 24,615 wood pole intrusive inspections in 2025, but none were due in the reporting period. SMUD conducts intrusive inspections on a 10-year cycle and the GO 165 requirement is a 20-year cycle for previously inspected poles.