



Powering The Center of What's Possible

CITY OF SANTA CLARA SILICON VALLEY POWER

2023 Electric Transmission & Distribution Annual Inspection Report

Transmission & Distribution System Inspection Program Overview

Silicon Valley Power (SVP) annually inspects and/or patrols the entire electric transmission and distribution system serving the City of Santa Clara. The SVP transmission and distribution system is divided up into five regions for the purpose of identifying areas to be either inspected or patrolled. SVP performs an inspection¹ on 20% of the system each year. The remaining 80% of the system is patrolled². Each region contains a unique number of maps illustrating the equipment to be inspected or patrolled. Each map is duplicated to only identify overhead equipment or underground equipment. SVP inspection teams use the maps as a guide to locate each piece of equipment to be inspected or patrolled.

Results for Calendar Year 2023

| Patrol Maps | Due | Completed | Outstanding |
|------------------------|------------|------------------|--------------------|
| 2023 Underground | 96 | 0 | 0 |
| 2023 Overhead | 96 | 0 | 0 |
| Inspection Maps | | | |
| 2023 Underground | 19 | 0 | 0 |
| 2023 Overhead | 19 | 0 | 0 |

NOTE: 2023 Patrol and Inspection maps were not completed due to a backlog in previous inspection and maintenance tags attributed to COVID and new business. The 2024 inspection and maintenance cycle commenced January 2024.

¹ A detailed visual observation of an overhead or underground facility for the purpose of assessing the condition and identifying any abnormalities or Circumstances that will negatively impact safety, reliability, or asset life.

² A simple visual inspection of overhead and underground facilities for the purpose of identifying any structural and safety related hazards, or any condition that will negatively impact safety or reliability.