



CITY OF SANTA CLARA  
SILICON VALLEY POWER  
2018 Substation Annual Inspection Report

### Substation Inspection Program Overview

Silicon Valley Power (SVP) inspects all electric transmission and distribution stations serving the City of Santa Clara on a monthly basis. Inspections include, but are not limited to, checking for abnormalities such as: low insulating oil levels in transformers, breakers, and bushings; broken equipment components; missing locks; burned out indicator and station lights; pest infestations; equipment grounding and security breaches. The inspections are documented on site specific inspection forms.

### Results for Calendar Year 2018

| Stations                        | Scheduled | Completed | Outstanding |
|---------------------------------|-----------|-----------|-------------|
| Transmission-Switching Station  | 12        | 12        | 0           |
| Transmission-Receiving Stations | 48        | 48        | 0           |
| Sub-Transmission-60kV Junctions | 60        | 60        | 0           |
| Distribution-Customer 12kV      | 36        | 36        | 0           |
| Distribution-General 12kV       | 168       | 168       | 0           |