



City of Santa Clarita Building & Safety

RESIDENTIAL ELECTRICAL SERVICE CHANGES OR UPGRADES

All residential electrical service changes or upgrades in the City of Santa Clarita require a building permit issued by the City of Santa Clarita Building & Safety Division.

General Requirements

- Permits for electrical service changes or upgrades are issued only to licensed electrical contractors (C-10) who will be responsible for the installation.
- The installing contractor is responsible for all coordination and scheduling with both the City and Southern California Edison (SCE).
- The installing contractor is responsible for verifying the installation is in compliance with the current edition of the California Electrical Code and local amendments as well as SCE requirements.
- For panel upgrades with a new bus rating of 400A and larger, see the information below.

SINGLE FAMILY DWELLING (SFD) ELECTRICAL SERVICE UPGRADES 400 AMPS AND LARGER

Electrical service panel upgrades for SFD in the City of Santa Clarita require a building permit issued by the City of Santa Clarita Building & Safety Division. For electrical service panel upgrades with a new bus rating of 400A and larger, professionally prepared plans will be required to be submitted for plan review. See below for plan review details.

Submittal Requirements (400A and Larger)

Building & Safety reviews the plans and calculations for all electrical service upgrades 400A and larger to verify the installation is in compliance with state building codes and local regulations. In order to obtain a permit, the following documents must be provided:

- A completed permit application.
- Two copies of the plans on 11"x17" sheets, sealed and signed by a licensed electrical engineer or the C-10 contractor that will be performing the work.
- A complete and accurate residential load calculation as required by the California Electrical Code.

Plan Review Period

Building & Safety strives to complete plan reviews as quickly as possible. The turnaround time for electrical service upgrades 400A and larger plan review is approximately 5 business days.



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Plan Requirements

- **Site Plan** - Provide a properly scaled site plan including the site address, and property owner's name.
- **Floor Plan** - Provide a floor plan which shows the locations of all electrical distribution equipment for the property. The plans shall demonstrate that all distribution equipment is located in an approved location.
- **Single-Line Diagram** - Provide a complete single-line diagram detailing the electrical distribution system for the property, including all electrical service equipment, switchboards, panelboards, subpanels, PV systems, generators, feeders, and grounding.
- **Electrical Panel Schedule** - Provide panel schedules detailing all of the circuits located within each switchboard, electrical panel, and subpanels.
- **Electrical Load Calculation** - Provide an electrical load calculation using one of the approved methods found in the latest edition of the California Electrical Code. The data used in the load calculation shall be consistent with the submitted plans.

Inspection

Building & Safety offers next business day building inspection for requests made before to 2:30 PM the day prior. Service changes or upgrades are inspected after the installation is complete. Any concealed component such as underground feeder requires rough inspection in addition to final inspection. Inspections can be scheduled by calling (661) 286-4097 or online at <http://www.santa-clarita.com>.

Contact Information

For questions regarding the permit process for electrical service changes or upgrades, call (661) 255-4935 or e-mail buildingpermits@santa-clarita.com.