



A Tradition of Stewardship
A Commitment to Service

Planning, Building & Environmental Services

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Generator and Transfer Switch Installation Checklist

*Information provided must meet the requirements of the 2019 California codes (CEC, CRC, CBC, CFC)
Provide three sets of the plan with two copies only of manufacturer specs & installation guides.

1. Cover Sheet:

- Project scope and description. _____
- Project name, address and phone number. _____
- Designers name, address and phone number. _____
- Sheet index indicating & legend of symbols. _____
- Current Code Cycle shown (2019 CBC/CRC). _____

2. Site Plan - see Sample Site Plan for all requirements, in addition to the requirements we need to see:

- Showing building footprint with locations of equipment on or within the building. _____
- Property line setback from equipment. _____
- Exhaust from equipment must be a min. of 5' to operable windows, building, vents etc. _____
- Maximum decibel level from unit to property lines per Planning/Zoning. _____
- Location of the all proposed and existing electrical equipment including PG&E service entrance. _____

3. Electrical Plan:

- Wiring diagram of the proposed generator system including housekeeping pad (dimensions – Length x Width (min 6" around perimeter of unit) x Thickness), generator w/kW, transfer switch w/loads selected into a sub-panel or self-contained unit, sub-panel amperage, main panel amperage, grounding & bonding, conduit sizes, wire sizes and run lengths. _____

4. Manufacturer specs and installation guides:

- Securing/ mounting method. _____ Clearances. _____ Unit dimensions. _____
Grounding and Bonding of equipment. _____ Generator Kw. _____

Fire Safety Requirements will be verified during field inspection:

- Conduit/circuit labeling: Reflective, weather resistant and suitable for the environment. All letters capitalized with a minimum height of 3/8" white on red background. _____
- Content: Contain the words "WARNING: BACKUP POWER SOURCE." _____
- Main Service disconnect and sub-panel: Labeling to be placed adjacent to main service disconnect in a location clearly visible from the location where the disconnect is operated. _____
- Interior locations must meet minimum Fire and Building guidelines. _____