



GENERATOR AND TRANSFER SWITCH INSTALLATION CHECKLIST

Community Development Department

Building Division

1600 First St., PO Box 650

Napa, CA 94559-0660

***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 all the 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.

5. 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