



2019 CALIFORNIA BUILDING STANDARDS CODE OF REGULATIONS TITLE 24

Residential Generator Checklist (For Permanently Installed Generators)

The following items are required for a complete submittal.

YES

- Is this a digital submittal? To avoid delay, please use the attached Document Naming Conventions

Plans and Documents Required:

- Completed Building Permit Application
2 complete sets of plans with ALL the information detailed below (minimum size 11" x 17"), only 1 if digital
2 copies of installation manuals / spec sheets for the generator and transfer switch, only 1 if digital

Site Plan / Cover Sheet:

- Owner's name / site address / contact information
Designer's name / address / signature, project scope, and applicable 2019 CA/PLACER COUNTY codes
Identify existing structures and proposed generator equipment
Amperage size and location of main service panels, sub panels, junction boxes, disconnects, or any associated electrical equipment
Setbacks from the generator to buildings, septic/leach lines, and property lines (Generators require a 5' setback from all building openings per NFPA 37)
Location, size, and status (new or existing) of propane tanks (Indicate distance from generator)

Electrical Single Line Diagram:

- Load calculation demonstrating back-up power does not exceed the capacity of the generator
Conductor wiring types / sizes and conduit / raceway types / sizes
Generator size, brand, model, and output
Transfer switch brand, model, type, and location
Manual transfer equipment with adequate capacity to supply all the equipment intended to be used at one time
Automatic transfer equipment capable of supplying the full load that is transferred, or the system shall be designed with load management per CEC 702.4
Identify if PV solar is present in the electrical system. If yes, the electrical diagram shall detail the wiring and interconnection of the PV system.
Generator shall have provisions to shut down the prime mover per CEC 445.18. Prime mover shutdown on systems over 15 KW shall be externally operable. SEE REVERSE FOR GENERATOR SIGNAGE REQUIREMENTS
Generator systems shall have (1) or more disconnecting means. An additional disconnecting means is required unless the following conditions are met: A readily accessible disconnect lockable in the open position and located within site and 50' of the building served per CEC 702.12. SEE REVERSE FOR GENERATOR SIGNAGE REQUIREMENTS

Equipment Pad:

- Provide concrete slab thickness and attachment to generator, or prefabricated pad per ASCE-7 (Red Line on Plans)

Gas Lines:

- Provide gas piping diagram showing pipe size, type, depth, length, and all equipment/appliances served
If generator fuel supply is propane and installed above 2500' elevation, an approved detail by a design professional is required to address propane containment room and propane drains per Placer County's Propane Appliance Handout

I understand applications for building permits will be reviewed for plan completeness.

An incomplete submittal package may be returned, and additional fees assessed, for subsequent reviews.

ADDRESS: APN #:

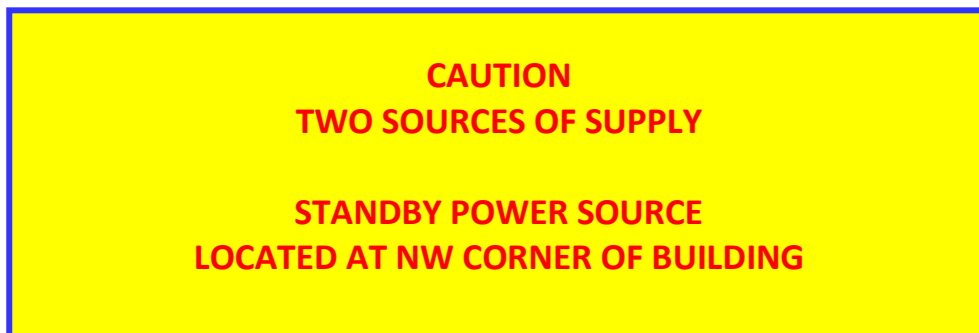
SIGNATURE: DATE:

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Signage placed at the main service panel:

- A sign shall be placed at the service entrance equipment that indicates the type and location of each on site optional standby power source per CEC 702.7. The sign shall be a permanent label with contrasting background/lettering, not handwritten and weather resistant per 110.21

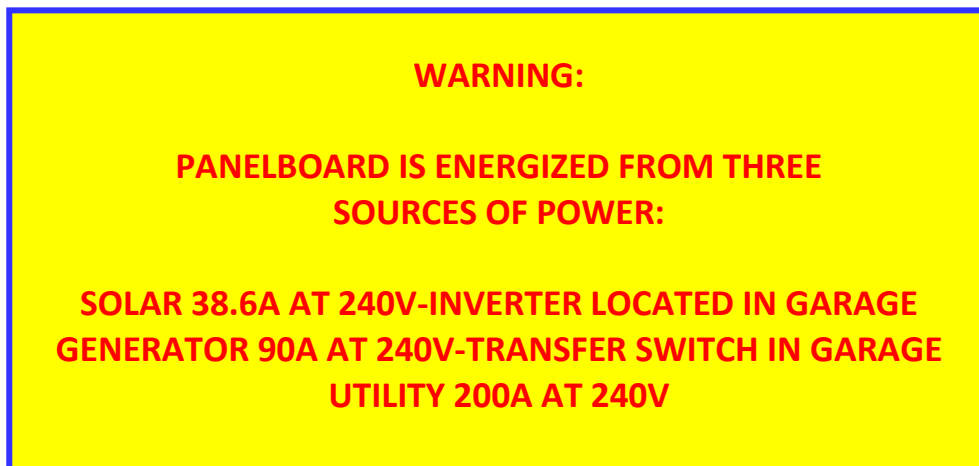
Example of appropriate signage:



Directory:

- A permanent plaque or directory denoting the source of all electric power source disconnecting means on the premises shall be installed per 705.10.

Example:





Document Naming Conventions

Specific naming conventions are required to facilitate the electronic document submittal process. Failure to adhere to the naming format may result in requests for corrections to the application packets and delays in processing.

Do not apply any security setting which will interfere with approval markups and file combining.

If a permit number has not been assigned, please use "BLD22" instead of the permit number (BLD22-01234)

Plan sheets	File Naming Conventions
Plans (shall include all sheets indicated on the submittal requirement checklist in one file)	BLD22-01234_JONES_PLANS

Associated Documents	File Naming Conventions
Construction Waste Management Plan	BLD22-01234_JONES_CWM
Fire Sprinkler Plans	BLD22-01234_JONES_FS PLANS
Fire Sprinkler supporting documents	BLD22-01234_JONES_FS INFO
Solar PV System	BLD22-01234_JONES_PV
Solar PV supporting documents	BLD22-01234_JONES_PV INFO
Special Inspection Agreement	BLD22-01234_JONES_SPECIAL INSPECTION
Structural Calculations	BLD22-01234_JONES_STRUCTURAL CALCS
Title 24 documents	BLD22-01234_JONES_ENERGY CALCS
Truss Calculations	BLD22-01234_JONES_TRUSS CALCS

Correction and Revision documents shall follow the naming conventions above followed by Corrections "COR" or Revision "REV" numbering each submittal accordingly. See examples below:

- **Corrections** are required by the County
 - BLD22-01234_JONES_COR1_ENERGY CALCS
 - BLD22-01234_JONES_COR2_ENERGY CALCS

- **Revisions** are requested by the applicant
 - BLD22-01234_JONES_REV1_ENERGY CALCS
 - BLD22-01234_JONES_REV2_ENERGY CALCS

A new plan set is required for each re-submittal, if a slip sheet is necessary, it is the applicant's responsibility to insert the sheet into the plan set accordingly at the time of submittal.

At permit issuance, the applicant will be provided with the approved PDF documents with "_APPROVED" added to each file name.