

2022 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?

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 and APN#/ contact information
- Designer's name / address / signature, project scope, and statement of conformance with applicable 2019 CA codes
- $\hfill\square$ 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, location of water/sewer lines, and property lines (*Generators require an 18*" setback from buildings and 5' clearance from all building openings per NFPA 37)
- □ Location, size, and status (new or existing) of gas service and plumbing (*Indicate distance from generator to meter*)

Electrical Single Line Diagram:

- □ Load calculation demonstrating back-up power does not exceed the capacity of the generator
- $\hfill\square$ Conductor wiring types / sizes and conduit / raceway types / sizes
- $\hfill\square$ Generator size, brand, model, and output
- □ Transfer switch brand, model, type, and location
- □ Manual transfer equipment shall have adequate capacity to supply all the equipment intended to be used at one time
- □ Automatic transfer equipment shall be 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

Gas Lines:

□ Provide gas piping diagram showing pipe size, type, depth, length, and all equipment/appliances served

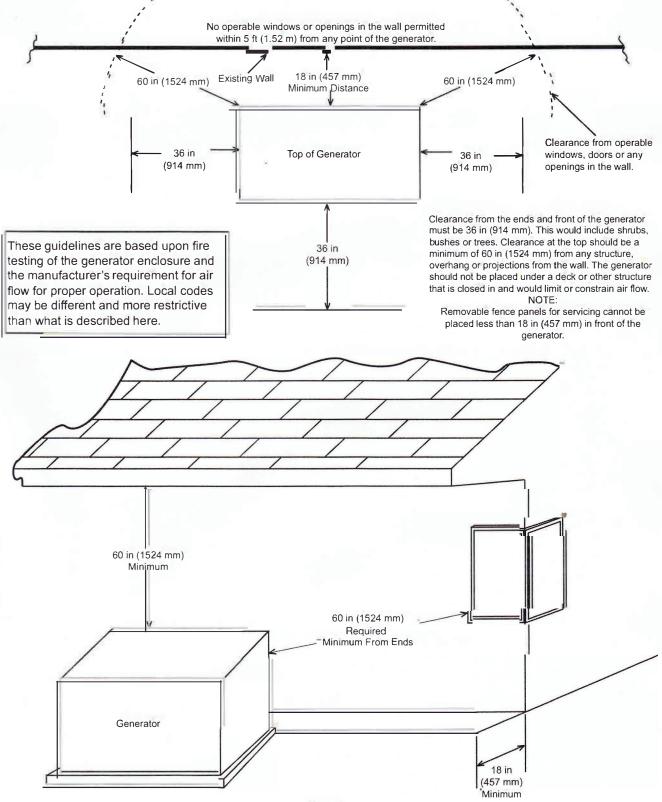
I understand applications for building permits will be reviewed for plan completeness.

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

ADDRESS:	APN #:
SIGNATURE:	DATE:

CITY OF JACKSON OFFICE - 33 BROADWAY / JACKSON, CA 95642 / (209) 223-1646 / Fax (209) 223-3141 Web Site Address: <u>https://www.ci.jackson.ca.us</u> / Email: building@ci.jackson.ca.us

PLACEMENT DIAGRAM — AIR-COOLED GENERATORS



NOTE:

The generator can be placed under decks or structures as long as all clearances are met and local building codes are followed.