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 / contact information
☐ Designer’s name / address / signature, project scope, and statement of conformance with applicable 2019 CA 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 to propane tank)

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 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
☐ 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: