



Accessory Stationary Emergency Backup Generator Plan Submittal Requirements.

This guide outlines the plan check submittal general requirements for the installation of residential and commercial accessory emergency backup generators within the City of Ione. The intent of these guidelines is to provide a standardized list of basic requirements to assist with the building permit application process.

Emergency Backup Generator plan submittals to include:

1. Plot Plan (4 sets) on a minimum size sheet of 11"x17" and shall include but not limited to:
 - a. Project Address, Owner`s Name, Address, Phone Number.
 - b. Detailed scope of proposed work.
 - c. Show street, property line boundaries, fences, easements and setback lines (for setbacks and easements, contact the City of Ione Planning Department at 209-274-2412).
 - d. Indicate the building footprint of all structures on the property, utility meter locations, Emergency Backup Generator location, windows, doors, or other building openings on the wall adjacent to the Emergency Backup Generator.
 - e. Indicate Emergency Backup Generator fuel type and maximum fuel load demand; include gas line and electrical conduit location; material sizes and type, depth below grade, gas line sizing calculations (usually provided by the manufacturer), etc.
 - f. Fully dimension the Emergency Backup Generator to other structures, fences, property lines, easements, setbacks, and building openings. i. Generator shall be installed not less than 5 feet from any building and not less than 5 feet from any exit. Generators shall be located not closer than 5 feet from openings in walls and not closer than 5 feet from structures having combustible walls. (NFPA 37; 4.1.4) Exception: Where the weatherproof enclosure is constructed of noncombustible materials and/or the manufacturer`s installation guide permits a clear space of less than 5 feet.
 - h. Installers Name, Address, Contractor`s License Number and Contact information.
 - i. Signature of the person who prepared the plans.
2. Wire Line Diagram (4 sets) with:
 - a. The size, type and length of run for conduits and conductors.
 - b. Transfer Switch, Main Panel, generator and subpanel layout.
 - c. Label equipment as existing (E) or proposed (N).
 - d. Indicate circuits to be controlled by transfer switch.
 - e. Note: all 120V multiwire branch circuits must remain together; they cannot be split between transfer switch and panelboard. Breakers to be tied and balanced.
 - f. Indicate if there is an existing Photovoltaic system.
 - g. Show all signage as required by Section 702.8 of the current California Electrical Code.
3. Include 2 copies of supporting documents such as the listing information and Installation Instructions for the Emergency Backup Generator and components. The plans must incorporate the manufacturer`s requirements in the proposed design. All standby generators shall be listed in accordance with UL 2200. (IFC 604.1.1). Include maximum decibel information of unit..

Stationary Emergency Backup Generator permit process:

1. All Emergency Backup Generators permits will be issued which will include both plumbing and electrical aspects for the installation and equipment. A building permit may be required for any structural components involved. A plan check fee deposit of \$100.00 will be collected at the time of Permit Submittal.
2. All Emergency Backup Generators will require both Planning and Fire Department review and approval.
3. It is the responsibility of the applicant to either have the installing electrician or a person trained in operating the system, on site for the final inspection.