Emergency Back-Up Generators

SEISMIC DESIGN CATEGORY C, D or E - CLIMATE ZONE 4 - WIND ZONES 85 M.P.H - EXPOSURE ZONE “B” OR “C”

PERMIT SUBMITTALS ACCEPTED MONDAY – FRIDAY BETWEEN 8:30 A.M. - 4:30 P.M.
Incomplete submittals will not be accepted at the permit counter

Submittal Checklist:

➢ Over the Counter Application: Project Description must include complete description of work including specific details of the equipment to be installed.

➢ Fully dimensioned site plan showing:
  o Property lines
  o Location, size and use of all structures on the lot
  o Location of all native trees having drip lines with in 20’ of any proposed trenching

➢ Title sheet defining all applicable codes

➢ Manufacturer’s detailed equipment information including:
  o Size and type of generator
  o Powered by LP or natural gas

➢ Show path of Gas pipeline to be installed and provide details (size, type) pertaining to installation; show how gas line was sized for full load of generator; provide BTU demand

➢ If LP tank installation is required
  o Provide manufacturer specs
  o Details showing location of tank and how it will be supported and secured
  o Show all clearances required for tank by the CA Fire Code

➢ Include all conductor sizes and type to be installed in raceway/conduit. Show path of electrical conduit and details pertaining to conduit installation and type of conduit. If installed underground show proper conductor type and depth

➢ Provide existing SFR panel type, size and information

➢ Show conductor ampacity is NOT less than 115% of the generator nameplate current rating

➢ Provide Single Line Diagram specific to project. Include:
  o All raceways/conduits to be installed
  o Identify conductors
  o Identify all equipment by Manufacturer name and type
  o EGC & GEC to be identified by size and type; existing and new
➢ Provide Manufacturer’s details for the Transfer Switch to be installed
  o Identify Transfer Switch as “separately derived system” or “non-separately derived system type”
  o Specify grounding applicable to type of system
➢ Provide signage details per Article 702 of the California Electrical Code
➢ Provide expected exterior noise level in dB at the nearest affected residence, school, hospital, church, or public library
➢ Plan sheets are to be signed by the person responsible for their preparation
➢ Permit fee $523.51 cash/check only.