### 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:

- Standard Building Application: Project Description must include complete description of work including specific details of the equipment to be installed.
- Fully dimensioned site plan showing:
  - Property lines
  - Location, size and use of all structures on the lot
  - Location of all native trees having drip lines within 20’ of any proposed trenching
- Title sheet defining all applicable codes
- Manufacturer’s detailed equipment information including:
  - Size and type of generator
  - 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
  - Provide manufacturer specs
  - Details showing location of tank and how it will be supported and secured
  - 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:
  - All raceways/conduits to be installed
  - Identify conductors
  - Identify all equipment by Manufacturer name and type
  - EGC & GEC to be identified by size and type; existing and new
Provide Manufacturer’s details for the Transfer Switch to be installed
  - Identify Transfer Switch as “separately derived system” or “non-separately derived system type”
  - 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 $536.88 cash/check only.