



PLANNING AND BUILDING DEPARTMENT

BUILDING DIVISION

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Residential Standby Generator Submittal Requirements

Provide the following information:

- Proposed generator size in KW, type of fuel source, and whether system is an automatic transfer switch or manual transfer switch, portable or fixed.

Site Plan – Equipment Outside a Building

- Show the location of the generator and distance to adjoining property lines and buildings.
- Show the location of the fuel tank or gas hookup at the house. If a new fuel tank is proposed, provide the tank size, and dimension the distances to the parcel boundaries. Note: Fuel tanks must be placed out of the setbacks.
- Show the location of all electrical service equipment and transfer switch.
- Show clearances of the equipment.

Wiring Requirements

- Load calculations as per Article 220 for automatic transfer systems. If calculated loads exceed the listing of the generator, load shedding provisions will be required.

Provide a one-line diagram for generator and electrical service that includes the following information:

- Conductor sizes
- Conductor insulation types (i.e., THHN, THWN, direct burial cable, etc.)
- Conductor material (i.e., copper/aluminum)
- Conduit sizes or cable sizes and type
- Conduit material (i.e., non-metallic, EMT, etc.)
- Overcurrent device ratings
- Surge protection may be required by the manufacturer.

Provide product information

- Product listing sheet for the generator, transfer switch, load shedding devices