

BUILDING DIVISION

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GENERATOR CHECKLIST

***We require 2 sets of plans/surveys Packaged and stapled and 2 sets of applications and all other forms being submitted with this permit**

REQUIRED:

___ Print out from the Broward County Property Appraisers Office (WWW.BCPA.NET)

___ **Zoning** Site plan Indicating location of all operable doors near generator exhaust (Generator spacing from the building shall meet manufacture's specifications from all openings and operable doors, including those in the neighbors house.
The location of the generator shall conform to the local zoning requirements and shall be mounted above the base flood level.
2 Survey (not older than 2 years without affidavit showing the location of the generator & fuel tank labeling size of generator slab, label setback to property line and show Elevations of Slab
Specifications on unit and containment system

___ **Land** Show landscaping around generator 36" tall shrubs 24" on center with mulch
The above items must be submitted with the first permit application.

___ **Plumbing** LP Gas Contractor with drawings by same.
Must include setbacks from the house to the gas tank(see diagram)

___ **Electrical** Provide Electrical riser diagram. These plans shall indicate the service panel(s), Transfer switch(s), main disconnect(s) generator installation, over current protection, grounding, conduit sizes and wire sizes.

___ **Generator** Provide information for the generator showing KW rating, ampacity, voltage, phase, fuel source and dimensioning.
All loads connected to the generator must be identified.
Provide load calculations for the generator. NEC Article 220 shall be used to calculate existing loads. Where the generator is connected to the load through a cord and plug (exposed metal parts shall be non-current carrying.), the receptacle shall be sized for the corresponding over current protection at the generator or other over current protection device in front of the receptacle.
Generator shall be sized for the load served. Nec Article 220 shall be used to calculate the existing load.
Provide dbA sound ratings if required per local ordinance.
Transfer Switch: Required for all generators shall be rated for the connected load.

___ **Manual Transfer Switch: (options)**
Sized for the intended load on the electrical service
Sized for optional standby panel(s) which may be built into the panel(s) and transfer switch(s).

___ **Automatic Transfer Switch (options)**
Size to transfer the entire load on the electrical service
Preselect the loads to be served with an optional standby panel(s) and transfer switch(s)
Provide automatic load shedding equipment to reduce total load imposed on generator.

___ **Sign:** A permanent sign shall be placed at the electrical service entrance equipment that indicates the location of on-site optional standby power sources.
A permanent sign shall be place at the transfer switch location indicating the sequence of operation to star the generator and transfer the electrical loads.
SIGNS MUST BE LARGE ENOUGH TO READ

NOTE: Most of these generators are supplied a fiberglass slab or a pre-cast concrete slab. We are not requiring permits for these pads under permanently mounted generators. However, permits will be required for all other slabs.
For generators only, the Electrical Contractor will be responsible for the slab. This will be included on the Electrical permit application.

_____ Contractors Signature

_____ Owner signature required if applying for an owner builder permit