



City of Greenacres

Building Department

5800 Melaleuca Lane, Greenacres, Florida 33463-3515
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RESIDENTIAL FIXED GENERATORS

This checklist has been designed to assist applicants in knowing what information is required to be submitted with the permit application. Submit one copy of the permit application and two (2) copies of the following required information:

Plans submitted must be drawn on standard sized paper and must be drawn to scale.
The plans must contain the following:

A. SITE/SURVEY DRAWING

- 1. Location of proposed generator (with dimensions)
- 2. Location of all windows and doors within 10 ft. of generator exhaust
- 3. Location of fuel tanks and/or fuel lines

B. SLAB DRAWING

- 1. Slab dimensions (L,W,D) and reinforcement details
- 2. Anchor details (generator attachment to slab)
- 3. Statement that installation meets FBC wind load of 140mph.
- 4. Generator spacing from building (provide manufacturer specs)
- 5. Acceptable foundation other than concrete slab (provide manufacturers specs)

C. ELECTRICAL RISER DRAWING

- 1. Service
- 2. Panel(s)
- 3. Transfer switch
- 4. Main Disconnect(s)
- 5. Wire sizes
- 6. Load calcs for determining size of transfer switch

D. GENERATOR

- 1. Provide complete specifications
- 2. KW Rating
- 3. Type of fuel

E. TRANSFER SWITCH

- 1. Required per N.E.C 702.6
- 2. Automatic
- 3. Manual

F. MANUAL TRANSFER SWITCH

- 1. Sized for entire service load
- 2. Sized for dedicated standby panels
- 3. Identify all loads to be serviced

G. AUTOMATIC TRANSFER SWITCH

- 1. Sized to transfer entire load
- 2. Pre-selected loads to be served with optional standby panel and transfer switch
- 3. Provide automatic load shedding to reduce total load imposed on generator
- 4. Determine existing load using N.E.C. 220.35 calculation

H. SOUND LIMITS

____1. Decibel level not to exceed 60db at property line

I. SIGN

____1. Per N.E.C. 702.8, sign placed at service-entrance equipment that indicates location of on-site standby power source.

GENERAL PERMIT INFORMATION:

The installation of fixed generator requires permits.

Under the owner-builder exemption, the homeowner of a single-family home or duplex may apply for the permit to install the slab.

A licensed electrical contractor is required to obtain the permit for the electrical installation (disconnects, transfer switches, etc.)

A licensed plumbing contractor or gas contractor is required to obtain a permit for the installation of natural gas or LP gas.

INSPECTIONS: Inspections will vary by job.

Signature of Applicant

Date

Applicant Name, Printed

NOTE: The attached 3 pages are to be used for reference only. These examples of the information to be submitted have been provided by the Palm Beach County Building Division.