



"The Capital City of the Palm Beaches"

CONSTRUCTION SERVICES DEPARTMENT
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Residential Generator Permit Application Requirements

The City of West Palm Beach strongly recommends you use the following procedures when submitting a permit application for the installation of a Permanently Installed Residential Generator or a Portable Generator wired into a residential electrical system.

- A. The permit application valuation is based on all labor and materials, including the generator, automatic transfer switch (ATS) or manual transfer switch (MTS), and a fuel tank (if applicable). Please see Florida Building Code, Chapter 1, Administration, Section 108.3, as amended by the City of West Palm Beach, 2004 Edition.
- B. Please submit **TWO COPIES** of a site plan or survey at the time of permit application that includes the following information:
 - _____ the clearly marked proposed location for installation of generator.
 - _____ the location of the fuel tanks (if applicable).
 - _____ indication of all dimensions from property lines and distances from adjacent dwelling structures.
 - _____ indication of any easements. Per City of West Palm Beach Zoning Land Development Regulations 94-303, the generator shall not extend more than four feet into the required setback.
 - _____ indication that the generator exhaust is not installed any closer than ten feet from any opening into the dwelling structure. This includes doors, windows and attic ventilation openings.
 - _____ the Flood Zone and Base Flood Elevations. All generators, electrical equipment and fuel tanks shall be installed six inches above the Base Flood Elevation.
- C. Please submit **TWO COPIES** of the manufacturer's specifications/cut sheets for the generator, the ATS/MTS, and any fuel storage tanks, showing listings from a Nationally Recognized Testing Laboratory (NRTL).

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- D. In addition to the generator permits, a separate gas permit for natural gas, LP, or diesel fuels will be required. Gas contractors can apply for and/or obtain this permit. If this permit is part of the master permit it will be a no-fee permit, provided it is applied for at the time of master permit application. The application must include **TWO COPIES** of the Gas riser diagrams, together with the other information listed on the City document “Gas Permit Application Requirements” available from this office. If you choose to apply at a later date, there will be a fee applied based on the value of the scope of work. An application for a Fuel permit must be submitted by a licensed Contractor.
- E. Please supply **TWO COPIES** of the details for slab and/or tie down connections.
- F. Electrical Permit must include **TWO COPIES** of the complete riser diagram showing the locations of electrical equipment, grounding and how the system is to be installed. Please see the National Electric Code, 2005 edition, (NEC) Sections 225.31-225.39, 702, 445 and all other applicable codes.
 - 1. Please supply **TWO COPIES** of the load calculations for Automatic means of transfer systems. General lighting receptacle loads may be derated per NEC . All heating, appliance and motor loads shall be figured at 100% unless automatic load shedding is provided. All continuous loads (3 or more hours) shall be figured at 125%. Intended loads shall be indicated on load calculations and/or panel schedule(s).
 - 2. Manual means of transfer: Loads may be chosen by the user, per NEC Section 702.5. Note: Loads shall not exceed rating of Generator output.

Neil K. Melick, CBO