

# Permitting & Installation Guide for Residential Whole House Generators

BFP-068

**Scope and Intent:** This guide is intended to provide general information for the placement of Whole House Generators on residential property and to provide consistency in the enforcement of the City of Mount Dora regulations.

*NOTE: This guide may not cover all situations or circumstances regarding generator installation. Contact the Building Department at 352-735-7115 for information on specific installations.*

## **Permit Required:**

- An electrical permit must be obtained prior to installation.
- A gas permit must be obtained prior to installation.
- Required for submittal:
  - Complete permit application.
  - Property survey or plot plan showing the proposed location of the generator, electric service equipment, and propane tank if applicable.
  - Generator and ATS manufacturer's specifications and installation instructions.
  - Riser diagram for electric service equipment and transfer switch installation, to include wire size and type, conduit size, type, and length.
  - Gas riser diagram showing gas piping size, material, BTU's of appliance served, indicate table(FBC-Fuel Gas) used to size system.

## **Additional Requirements and Information:**

- Generator installations must comply with current editions of: Florida Building Code, National Electric Code, Florida Building Code Fuel Gas, Florida Fire Prevention Code, and applicable standards of the National Fire Protection Association (NFPA).
- Generators must be installed at least 5 feet away from any building openings (windows, doors, etc) and at least 5 feet away from any walls made of combustible materials [NFPA 37]
- Above ground and underground LP gas storage tanks must comply with NFPA 58 TABLE 6.3.1 for distances to buildings and property lines.
- Minimum access clearances from the buildings and property lines must be provided on all sides of generators in accordance with the manufacturer's installation instructions. NOTE: Most manufacturers require at least 3 feet of clearance; this may affect the location of generators on properties with narrow side yards.
- Generators should be placed as close as possible to the building electric service meter/main disconnect. The electric service meter/main disconnect location must be permanently labeled indicating an alternate power source (generator) is connected to the electric system.
- Generators are subject to the City of Mount Dora noise ordinance regulations; consideration of neighbors should be made in the selection of generator location.