GENERATOR (PERMANENT INSTALLATION)
Please submit/upload plans in PDF format

Applicant must submit the following items:

Please indicate items submitted with a checkmark (√)

Create online as Permit Type: Elec - Generator Workclass: Generator

1. **Permit application (check appropriate trade)(Electric) completed and signed _____

   Separate gas permit is required (see gas permit package for requirements) _____

2. Copy of complete contract signed by both parties _____

3. Survey with location of generator and setbacks to property lines Generator shall not be installed within 10' (any direction) or any opening* **ALL openings-within vicinity of generator-shall be clearly shown and identified on survey**
   *Window, door, soffit vent, etc
   (Indicate setbacks to property lines below) _____

Required Setback	F	R	S	S
Proposed Setback	F	R	S	S

4. Load calculation showing all loads (circuits) connected to the standby system _____

5. Electrical riser showing interconnection of all electrical components including normal/emergency connection of standby loads (circuits). _____

6. Size: Generator (kw); Transfer switch (amps) _____

7. Generator and transfer switch specifications include: manufacturer specs, installation and operating instructions _____

8. Typical section of slab and fastening detail _____

GENERATORS ARE REQUIRED TO MEET SETBACKS OF THE PRIMARY STRUCTURE per Ordinance No. 01-04.

IF RESIDENT LIVES IN A DEED RESTRICTED COMMUNITY, OBTAIN HOMEOWNERS ASSOCIATION APPROVAL PRIOR TO COMMENCING WORK

**** REQUIRED PERMIT FEES APPLY.**
Valuation of each permit determined by the total value of work including material, generator, equipment and labor even when supplied by others

TOWN OF JUPITER BUILDING DEPARTMENT
210 Military Trail, Jupiter, Florida 33458
Phone (561) 741-2286 Fax (561) 741-0911
REV 3/13/18

GAS LINES & TANKS

Please submit/upload plans in PDF format

Applicant must submit the following items:

Please indicate items submitted with a checkmark (√)

Natural Gas Lines

Create online as Permit Type: Gas (C) or Gas (R) Workclass: Gas Lines

1. Permit application (check appropriate trade) (plumbing) completed and signed
2. Drawings with:
   - a. Pipe type
   - b. Pipe size
   - c. Pipe length
   - d. BTU rating of appliance
   - e. Propose gas design pressure
   - e. List of manufacturer's sizing tables used in system design
4. Commercial installations require Fire Rescue review and fee
5. Type of vent and vent cap being used
6. Size of vent

LP Gas Tanks and Lines

Create online as Permit Type: Gas (C) or Gas (R) Workclass: Gas Tank and Lines

1. Permit application (check appropriate trade)(building) completed and signed
2. Survey with tank location (indicate setbacks below)

Required Setback	F	R	S	S
Proposed Setback	F	R	S	S

3. Size of tank
4. Above ground tank
5. Drawings with:
   - a. Pipe type
   - b. Pipe size
   - c. Pipe length
   - d. BTU rating of appliance
   - e. Proposed gas design pressure
   - f. List of manufacturer's sizing tables used in system design
6. Tank specifications
7. Commercial buildings require Fire Rescue review and fee
8. Removing under ground tank

LP Gas Line ONLY

Create online as Permit Type: Gas (C) or Gas (R) Workclass: Gas Lines

1. Permit application (check appropriate trade) (plumbing) completed and signed
2. Drawings with:
   - a. Pipe type
   - b. Pipe size
   - c. Pipe length
   - d. BTU rating of appliance
   - e. Proposed gas design pressure
   - f. List of manufacturer's sizing tables used in system design
3. Commercial buildings require Fire Rescue review and fee

Gasoline and Fuel Storage Tanks

Create online as Permit Type: Building (C) Workclass: Alteration

1. Permit application (check appropriate trade)(building) completed and signed
2. Survey with tank location (indicate setbacks below)
3. Size of tank
4. Tanks over 550 gallons require D.E.R. permit
5. Commercial tanks require Fire Rescue review and fee
6. Wellfield protection form required

Note: All types must indicate location of water lines
(Indicate setbacks below)

TOWN OF JUPITER BUILDING DEPARTMENT
210 Military Trail, Jupiter, Florida 33458
Phone (561) 741-2286 Fax (561) 741-0911
Rev7/25/17

PALM BEACH COUNTY FIRE-RESCUE PLANS REVIEW APPLICATION

NO. _____

FP# _____ PERMIT # _____

TO BE FILLED OUT BY APPLICANT

THE UNDERSIGNED HEREBY APPLIES FOR PLANS TO BE REVIEWED FOR COMPLIANCE OF PALM BEACH COUNTY FIRE CODE:

PROJECT NAME: _____

ADDRESS OF PROJECT: _____

CITY/TOWN: _____

_____ CONSTRUCTION	_____ REVISE	_____ ALTERATION
_____ MULTIPLE DWELLING	_____ CIVIL	_____ COMMERCIAL
_____ INTERIOR	_____ HOOD SYSTEM	_____ FUEL TANK/LINES
_____ LP GAS	_____ FIRE ALARM	_____ FIRE SPRINKLER
_____ FIRE SUPPRESSION	_____ HVAC	_____ OTHER _____

_____ NAME OF OWNER OR ENGINEER

_____ ADDRESS OF OWNER OR ENGINEER

_____ NAME OF CONTRACTOR

_____ ADDRESS OF CONTRACTOR

_____ PRINT APPLICANT/ CONTACT NAME

_____ APPLICATION DATE

_____ TELEPHONE NUMBER

_____ FAX NUMBER

$ _____ VALUATION OF PROPOSED WORK

FOR OFFICE USE ONLY PALM BEACH COUNTY FIRE RESCUE

FIRE REVIEW FEE	CHECK #	MSTU
$	DATE RECV'D	

_____ FIRE DEPT OFFICIAL

TOWN OF JUPITER BUILDING DEPARTMENT
FIELD INSPECTION SERVICES TECHNICAL BULLETIN

GENERATOR INSTALLATIONS

March 01, 2018

The entire permit package including all manufacturers' installation instructions and the owner's manual for the generator and transfer switch shall be available on site for all inspections. The following five (5) electrical inspections and two (2) gas inspections (if applicable) are required for all generator installations:

Electrical Underground
Generator Slab
Electrical Service Change
Electrical Rough
Gas Underground/Rough
Gas Final
Electrical Final

ELECTRICAL UNDERGROUND

The electrical contractor is to call in for an Underground Electrical inspection for all generator installations even if there are no underground conduits being installed. *Florida Building Code* requires all underground conduits to be exposed for inspection. This inspection is to verify the location of the generator and to look for any unforeseen issues with the generator location that may not have been clearly shown on the plans or for which specific circumstances were not evident during the plan review process. The inspection is to be done before concrete pad is poured or placed. This inspection shall ensure compliance with job specifications, manufacturer instruction and/or *NEC*® - the most stringent of which will take precedence. All required conduits shall be installed prior to this inspection. Up to three conduits may be required for (1) generator power, (2) 120v wiring as needed for battery charger or other accessories and (3) low voltage control wiring.

NOTE: Jupiter Building Department policy requires separate power and control wire conduits. Power and Control wiring shall be run in separate conduits and must be installed prior to first inspection.

GENERATOR SLAB

The generator manufacturer's installation instructions and owner's instructions must be on site for the form board inspection to verify the required pad size and the size and placement of the reinforcing steel. If there are no specific construction details for the generator pad then the pad shall be a minimum of 4 inches thick and a minimum of 4 inches larger on all sides of the overall size of the generator. A minimum of #3 size rebar spaced a maximum of 12 inches on center, properly tied and chaired shall be installed. Rocks, bricks, broken concrete, etc. is not acceptable for the support of reinforcing steel. 6" steel mesh shall be an approved alternate. Engineered slabs shall bear the seal/signature of the engineer. Pre-fabricated slabs shall be listed for the specific generator being installed and shall not be cracked, chipped or otherwise damaged.

TOWN OF JUPITER BUILDING DEPARTMENT
FIELD INSPECTION SERVICES TECHNICAL BULLETIN

GENERATOR INSTALLATIONS

(continued)

ELECTRICAL SERVICE CHANGE

A standby generator installation is no different from a regular service change and requires the same coordination with *FPL* and your electrical inspector. Electrical contractor shall not remove the *FPL* meter and/or begin work on service equipment without this coordination. *FPL* will disconnect power and remove the meter, Electrical Contractor will make the approved changes to the electrical service, Jupiter Building Department will inspect the changes and if approved will release *FPL* to reinstall the meter and restore power. *FPL Electrical Service Standards (ESS)* mandates there shall be **NO EXCEPTION TO THIS PROCEDURE** under any circumstances. All service grounding must be brought up to current code including low voltage bridge (*Intersystem Bonding Terminal - NEC® 250.94)*. Transfer switches used as a service disconnect must be Service Rated.

ELECTRICAL ROUGH

All generator electrical work pertinent to the building must be completed. All conduits, wire, cable and other electrical equipment that will be concealed by the building structure upon building completion must be installed. All circuit breakers are to be installed and terminated. The generator is not required to be on site. Unless otherwise noted by the inspector, upon arrival of the generator the electrical contractor may complete the connections to the generator and proceed with the startup and testing in preparation for the final electrical inspection. In preparation for final inspection all required labeling will be reviewed with this inspection. All disconnect switches, including the one at the generator, shall be accessible and shall not require key or tool to access.

GAS LINE

Gas line shall be bonded to generator and across flexible gas line connector.
Rough and Final Gas inspections shall be completed and approved prior to Electrical Final.

ELECTRICAL FINAL

There shall not be any openings into building within 10' of generator exhaust, including but not limited to windows, doors, overhead garage door, soffit vents, etc. Any opening within 10' of the generator exhaust shall be permanently sealed (mechanical fastening of an operable window, door or vent is not acceptable). Phenolic or raised labels shall indicate each disconnect and identify exact location of the generator. Contractor, or representative, shall be on site for final inspection to open all equipment covers for inspector. Contractor shall simulate a power outage to test the generator and cycle the transfer switch for proper operation.

NOTICE

SEPARATE
POWER & CONTROL WIRE
CONDUITS REQUIRED

Power and Control wiring shall be run in separate conduits and must be installed prior to first inspection.

Town of Jupiter
Building Department