



**TOWN OF IRONDEQUOIT
DEPARTMENT OF COMMUNITY DEVELOPMENT
OFFICE OF THE FIRE MARSHAL**

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RESIDENTIAL STANDBY GENERATORS

PURPOSE:

This handout was created to aid residents with understanding the permit and inspection process for installing Residential Standby Generators. A Residential Standby Generator must receive its fuel source from a natural gas service supplied from a public utility to the primary residence.

DEFINITIONS:

Residential Standby Generators. A Residential Standby Generator is a stationary back-up electrical system that operates automatically within seconds of sensing a utility outage and begins to generate and transfers power to circuits within the residential occupancy during such outage. After the utility power returns, the Residential Standby Generator automatically shuts off; returning to a standby mode where it awaits the next outage.

Listed Appliance/equipment. An appliance/equipment receives a listing from a third-party testing agency when it meets identified standards and has been tested and found suitable for its specific purpose. An official insignia, marking, or stamp of approval, issued from said third-party testing agency will be displayed on the appliance/equipment and within the manufactures installation instructions (UL-Underwriters Laboratory; FM – Factory Mutual; WHi - Warnock Hersey/Intertek, or other).

BUILDING PERMIT; APPLICATION PACKAGE TO INCLUDE:

- A fully completed, Town of Irondequoit, Building Permit Application.
- Instrument Survey – showing the location of the Residential Standby Generator on the property:
 - Generator must be greater than 5 feet from any openings in the structure (openable windows, doors, vents, other). NFPA 37;
 - Generator must be greater than 4 feet from side and rear lot lines / never in a front yard (corner lots have 2 fronts). TC 235.13.1;
No combustible materials located within 5 feet of exhaust (vegetation, structures, fences, decks, other) NFPA 37;
 - Generator must be a Minimum 5 feet from combustible structure **or** listed manufactures allowance. IFGC 616 / UL 2200 / NFPA 37;
 - Minimum 5 feet overhead clearance from any structure (overhang, deck, shrubs)
 - Minimum 10 feet from any air intake.
- Natural Gas Appliance Inventory form for Residential Generator Installation – RG&E.
 - Where required by public utility, gas meter upgrade must be completed.
- Copy from Manufacture's listed Installation Instructions, showing the Make, Model, Listing Agency and set-back requirements (< 5 feet from combustible structures).
- Permit Fee (Only - Cash or Check: made out to the TOWN OF IRONDEQUOIT)

** A special review will be required for any alternate sources of fueling (Propane, Natural Gas, or Diesel).

INSPECTION CHECK POINTS:

Copy of "Electrical Certificate";

Electrical Inspection (Third Party Agency)

- Middle Department Inspection Agency (585) 454-5191.
- Commonwealth Electrical Inspection Services (585) 624-2380
- New York Electrical Inspection Agency (585) 436-4460

Site Inspection to Verify;

1. Minimum set back to side and rear lot line (> 4 feet)
2. Set back from main structure > 5 feet or Listed Manufacture's Instructions.
3. Gas fuel shut off valve external to Generator Housing Unit.
4. Gas fuel piping is sleeved where it penetrates foundation wall
5. Warning Decal attached to the Electric Meter

CERTIFICATE OF COMPLIANCE:

A Certificate of Compliance will be issued upon successful completion of a final inspection, conducted by the Town of Irondequoit. This certificate should be kept with your important papers for the house (Mortgage, insurance papers, major appliance warranties, ect.).

Diagram from Generac installation manual

