

Guidelines for Standby Generators

Requirements:

- All installations, conduits sizes, wire sizes and other provisions shall be per the 2014 National Electric Code as amended, and Commonwealth Edison requirements.
- When upgrading a service, the minimum size shall be one hundred (100) amps with 1-¼" galvanized rigid conduit, aluminum rigid conduit.
- All outside service conduits including the entrance conduit to the panel shall be galvanized rigid conduits, aluminum rigid conduit.
- All services shall be installed with a main breaker in the electrical panel. An outside service disconnect breaker is required at the meter if the panel is more than 5'-0" from the meter.
- The electrical panel must be grounded to the street side of the water meter with a bonding jumper directly across the meter. Along with an exterior 8'-0" long 5/8" diameter copper clad steel ground rod with a conductor connected with an acorn direct burial ground clamp. [100 amp- #8 wire] [200 amp- #4 wire]. Ground conductors to be un-spliced and shall be bonded to all main disconnect enclosures.
- Follow the manufacture's torque requirements when terminating at the meter and the main circuit breaker.
- Install grounding bushings with bonding jumper when using eccentric knockouts.
- All branch circuits must be identified in panels.
- Used openings in boxes, equipment cases, etc. shall be effectively closed to afford protection substantially equivalent to the wall of the equipment.
- Where outlets are added or replaced in bathrooms, countertops, islands in kitchens, general-purpose receptacles in basement, garages, or outdoor receptacles, they must be GFI protected.
- Location: Rear or interior side yard only. Cannot be located in front yard or corner side yard. Must show proposed location on plat of survey.

Contractor Registration: All contractors doing work within the City of Lockport are required to be registered.

**If you are doing the work as the homeowner, registration is not required.



CITY OF LOCKPORT STANDBY GENERATOR APPLICATION

Applicant Name: _____ Phone #: _____ Email: _____

Address of installation: _____

Property Owner: _____ Phone: _____

Address (if different from above): _____

Residential _____ Commercial _____ Historic District? Yes _____ No _____

Size of generator _____ (Kw) Type of fuel _____

Existing service size _____ (Amperes) No. of circuits Upgrade _____

Service size being installed: _____ # of Services _____

Will there be any other electrical work? If so explain: _____

Estimated Construction Value:\$ _____

Contractor: _____

Verify all the required items have been submitted with this application:

- Completed application
- Manufacturer's specifications on generator
- Plat of survey showing proposed location of generator

I hereby certify that I have read, understand, and agree to conform to all governing information and regulations set forth by the City Council of Lockport.

Signature: _____ Date: _____

FOR OFFICE USE ONLY

Permit #: _____ Permit Fee: _____

Issued By: _____ Date Issued: _____

Comments: _____
