Township of South Orange Village

76 South Orange Avenue
South Orange, N.J. 07079

Permit Requirements for Stand-by Generators

Before purchasing a natural-gas-fueled generator, have PSE&G confirm that your natural-gas service can supply the new generator.

* Provide one copy of property survey showing location of generator.
* We have experienced a high number of inspection failures due to generator placement. Please pay close attention to the manufacturer's specifications.
* **Signed Generator Sign form**
* Provide a letter of approval from condominium association if applicable.

Building Subcode Requirements

* Provide a copy of generator manufacturer's specifications with all required clearances to building structure(s), trees, shrubs, grass or ground cover, roof overhangs, doors and windows, wall air conditioners, other wall openings and vents, etc., as may be applicable.
* Provide a sketch of proposed generator location and orientation with all clearance dimensions shown.
* Provide concrete pad or prefabricated pad for placement of generator. Pad dimensions shall be a minimum of 6" larger than generator unit on all sides, or according to generator manufacturer specifications, whichever requirement is more stringent.

Electric Requirements

* Installation of generator must comply with NEC Article 702.
* Provide load calculation of all load connected to generator in accordance with Article 220.
* Provide two copies of wiring diagram showing generator, transfer switch and service panel complete with grounding.
* Provide one copy of generator and transfer-switch specifications.
* If generator has an automatic transfer switch, it must be equipped with load management.
* When filling out the electrical permit, show size of generator in kw, size of transfer switch in amps and size of subpanel in amps.
* The contractor must be at final inspection with completed start-up checklist. The final inspection will include a complete test-running of the generator.
* Portable generators require a permit for the male receptacle, transfer switch or interlock on existing panel, interlock must be listed and labeled by recognized testing lab (provide cut sheet for interlock).

Plumbing Requirements

* Pipe material
* If CSST is used, provide installer certification.
* Gas riser diagram, including length of pipe run, pipe size and btu's of generator.
* Gas piping test must be impproved before an electrical inspection is scheduled.

Fire Requirements

* Provide a copy of generator manufacturer's specifications with all required clearances to building structure(s), trees, shrubs, grass or ground cover, roof overhangs, doors and windows, wall air conditioners, other wall openings and vents, etc. as may be applicable.
* Provide a sketch of proposed generator location and orientation with all required clearance dimensions shown.
* If you propose to install the generator closer than 5 feet from a structure, with exterior combustible walls, then you must provide documentation from the manufacturer that the generator enclosure has been fire-tested and approved for installation closer than 5 feet. The documentation must include the model number and size of the unit being installed.

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Print Form

Return Form to Building Department

CONTROL #: _____ PERMIT # _____

OWNER OF GENERATOR: _____

ADDRESS OF GENERATOR: _____

CERTIFIED CONTRACTOR _____

Generators

A permanently engraved sign reading:

"SECOND POWER SOURCE AVAILABLE/GENERATOR"

is required for all stand-by generator installations.

SIGN _____ DATE_____

Signs are to be red, with ¾ inch minimum high white lettering, and mounted both on the house (adjacent to meter) and by the service equipment.