

TOWNSHIP OF WEST CALDWELL

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. Due to the recent increase in inquiries and building-permit applications for standby electric generators, pending action by the Township council, standby electric generators in residential zoning districts will be required to be located in the **rear yard only** due to the objectionable noise levels associated with their operation.
- Provide a letter of approval from condo association if applicable.

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.

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.