

Electrical Generators

To obtain a permit for the installation of a generator, the applicant shall file a permit application along with the following:

1. Permits are required for permanently installed generators, transfer switches or power inlet boxes and their lockouts. See 2021 IRC R105.1 or 2021 IBC 105.1.
2. Permit applications should include type, make and model of the generator and/or transfer switch proposed for installation along with cut sheets or specification sheets. A wiring diagram to show ***in detail***, the location of the new equipment, transfer switch (before or after main) wire size and method.
3. Permit applications for automatic standby generators must include load calculations that show compliance with the capacity and rating requirements of 2020 NEC 702.4
4. Provide plot plan showing the location for permanently installed generators.
5. Verify that all equipment locations will meet the minimum workspace requirements of 2020 NEC 110.26
6. Follow the manufacturer's installation instructions. Observe all clearances from combustibles, vents, openings into the building, and sources of ignition.
7. The electric meter location, the service-entrance equipment, and any equipment up to the service entrance equipment must have signs to warn of the type and location of standby power sources on the property. 2022 NEC 702.7 (AMD)
8. All pipes, conduits, or tubing must be properly supported or meet minimum burial depths. Expansion sleeves are required on conduits emerging from grade.
9. Permanent generators must have a letter of proper operation before the final inspection is scheduled. Details shall include verified operating voltage under load and installation of smoke alarms and CO detectors per the generator manufacturer's instructions.

The Town of Wethersfield assumes no responsibility for any errors, omissions. Installer is required to follow all applicable codes. No handout could possibly cover all situations, nor is it intended to do so.

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