

Backup Generator Installation Guidelines

The policies below are intended to provide general information regarding the installation of internal combustion backup generators on PGE-owned facilities.

General requirements at any PGE site:

- The generator connection needs to comply with PGE Electric Service Requirements. The ESR is available here: <https://portlandgeneral.com/builders-new-construction/electric-service-requirements>
- The lessee is responsible for all Spill Prevention, Control, and Countermeasure (SPCC) requirements.
- Spark arrestors are required on all internal combustion backup generators when installed in high-risk fire zones.
- PGE does not assume any SPCC responsibility for lessee's equipment installed on PGE-owned facilities.
- If the generator is equipped with an alarm system, PGE needs to be informed of any audible alarm.
- The site is required to be labeled with the name of the operator and emergency contact number.
- The lessee and/or any affiliated contractors are required to comply with all associated PGE, OSHA, NESC, NEC, as well as local jurisdiction safety and environmental guidelines.
- All proposed backup generators are subject to PGE review and site-specific conditions may be required.

Additional requirements for backup generators at substation sites:

- The lessee is required to develop an SPCC plan for the Substation area. (This applies if on a substation site, not only within the fence) This plan requires a PE stamp along with pertinent sections concerning spill response and notifications available in a set visible location outside of the locked fence portion (recommend attaching to outside of the fence if applicable). This PE stamp on the SPCC is required in lieu of PGE review and approval of the plan.

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