Residential Generator Guide

PROJECT ADDRESS

This guide is designed to assist the applicant with the installation and inspection requirements for the project. Please address any questions to plans review staff at (540) 483-3047.

Part 1 – Application, Site Plan and Related Documents

- Completed Permit Application
- Contractor’s License, when required
- List of sub-contractors if any to be used on project

Part 2 – Construction Documents to be onsite during inspections

- Generator installation instructions from the manufacturer.
- Manufacturer specification documents on all equipment to be installed.
- System Description (702.4(B)2 NEC 2011) – Identify if the generator will be providing Full Load or Load management power.
- Method for Preventing “Back Feeding” – Identify if the generator will have an automatic or manual transfer switch.
- Gas line installed per code, natural gas or propane
- Signage installation (702.7 NEC 2011)

Inspections Required during generator Installation

1. Final Mechanical
2. Final Electrical (generator must be operational during the final inspection to ensure all equipment functions)

The two inspections required can be completed at same day.

Effective 12/2014