



ROANOKE COUNTY COMMUNITY DEVELOPMENT  
Office of Building Safety



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) 772-2065.

**Part 1 – Application, Site Plan and Related Documents**

Completed Permit Application  
Plot/site plan  
Proof of Ownership (if not current in property records)  
Owner's Affidavit completed on permit application if Owner Permit  
Contractor's License, when required  
County Business 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 (702.5.2.A NEC 2008) – 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 (702.8 NEC 2008)

**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 time.***

