



Anderson County

Building & Codes Department

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RESIDENTIAL GENERATOR CHECKLIST

This checklist covers the essential plan review requirements for Generator Installations according to the 2020 National Electrical Code (NEC). At a minimum the items listed below are required to be submitted for plan review:

1. **Site Plan:** Indicate the proposed location of the generator, transfer switch, raceways, and fuel/gas piping. Clearance from openings (Doors, Windows, etc)
2. **Electrical Riser Diagram:** Provide an electrical riser diagram. These plans shall include the service panel(s), transfer switch(s), main disconnect(s), overcurrent protection, grounding, conduit sizes and wire sizes.
3. **Generator:** Provide manufacturer's specifications for the generator showing KW rating, ampacity, voltage, fuel source, etc.
The generator shall be sized for the load served.
4. **Transfer Switch:** Provide Manufacturer's specifications. The transfer switch shall be sized for the load served.
5. **Signage:** A permanent sign shall be placed at the electrical service entrance equipment indicating the location and type of standby power source.

This is not an all-inclusive list. Additional items may be required during the plan review process.