

Listed below are the license requirement for photovoltaic system installation

Per the South Carolina Department of Labor, Licensing and Regulations:

To **INSTALL** residential photovoltaic systems:

- GC - BD (General Contractor w/ Building)
- GC - GR AND SF (General Contractor w/ General Roofing & Structural Framing-*must have both*)
- GC - SR AND SF (General Contractor w/ Specialty Roofing & Structural Framing-*must have both*)
- RBS WITH CARPENTRY AND ROOFING (*must have both*)
- RBB
- RBW
- COA AND RBB (*must have both*)
- COA AND RBS WITH CARPENTRY AND ROOFING (*must have all three*)
- RBS WITH SOLAR PANEL INSTALLERS (*Ground Mount only*)***
- RBS WITH SOLAR PANEL INSTALLERS AND RBB, RBS WITH ROOFING, GC-BD, or GC-GR or SR (*for Roof Mount*)***

To **WIRE** residential photovoltaic systems:

- MC - EL
- RBE
- RBB

***Effective July 1, 2016, all active Residential Builder licensees, who obtained their licenses with an exam waiver, will be issued new license cards and certificates showing the Mechanical Trades restriction. Residential Builder licensees with the Mechanical Trades restriction may still use an appropriately licensed employee or subcontractor to perform such work.*

Plan Review Requirements for Photovoltaic Systems

The following items are required to be submitted when applying for a photovoltaic permit:

Reference: IRC 2015, Section R324 .3 & NFPA 70

1. Plans / Layout of the installation:

- Summary of scope of work for proposed system (Roof top or ground mounted)
- General notes listing current code cycle, UL listings and manufacturer listings.
- Array diagram / layout for roof top; Panel array for ground mount system.
- Electrical Line layout / diagram to include breaker and fuse sizes.
- Signage / labeling to be used for marking system.

2. Mounting Criteria

- Structural review of current roof verifying load capabilities.
- Type, specs and installation diagram for mounting hardware.

3. Power / Inverter Source (Listed and Labeled According to UL 1741)

- Type, specs and installation guidelines for inverter.

Photovoltaic Panel System (Listed and Labeled According to UL 1703)

- Type, specs and installation guidelines for panels

- **\$10.53 plan review fee required at time of submittal. Permit Fee based on the total project cost listed by applicant.**
- **Plan review completion time is 3-5 business day**
- **Copy of contract signed by the owner is required**
- **Copy of Site Plan required**