



BASIC SOLAR PV FIELD INSPECTION CHECKLIST

Be sure to have a copy of the approved plan set and component specification sheets when on site.

- Overcurrent protection size and location match the plan, and are securely installed.
- Breakers are not tripped or if fused protection is used the fuses are not blown.
- Conductor size and type match the plan.
- Conductors are properly terminated.
- Ground conductor is the correct size and color, and properly installed ensuring continuity to all system components and finally to grounding electrode.
- If connection is made within the panelboard, ensure that the overcurrent protection is located at opposite end of bus from utility supply IF the sum of the current from both the PV and grid source exceed 100% of the busbar rating.
- Verify that the total amount of current supplying the busbar is not more than 120% of the busbar rating.
- There is a minimum of 3' working clearance for all components that may require service.
- PV System disconnecting means is properly identified and accessible.
- The correct PV system labeling is installed, and is of sufficient durability for its location.
- All attachments are properly flashed or waterproofed.
- Module quantity and type match the plan.
- Quantity and spacing of structural attachments match the plan.
- Array conductors are secured and supported.
- Component locations match the plan.
- Components are secure, and installed to manufacturer's specifications.
- The correct PV system labeling is installed, and is of sufficient durability for its location.

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