BASIC SOLAR PV PLAN REVIEW CHECKLIST

To verify the following during the review of the permit plan application, the plan must include at a minimum:

1. Site plan showing location of the array and relative location of major components
2. 1-line electrical diagram that shows PV array configuration, conductors and conduit, overcurrent protection, inverter(s), disconnects, point of utility interconnection
3. Specification sheets showing listing: Modules, inverter, racking system
4. Installation manuals as needed

☐ The location of the roof top array meets requirements for access pathways and fire setbacks as required in local code.
☐ The quantity and spacing of array structural attachments are appropriate according to mounting system manufacturer’s installation instructions and appropriate for existing roof framing members.
☐ The attachments’ weather sealing detail is correct according to building code and product installation instruction.
☐ AC and DC conductor size and type are correct in accordance with electrical code.
☐ The module/mounting system combination achieves the required fire classification.
☐ Equipment grounding/bonding is in accordance with applicable codes and standards.
☐ The location and rating of the PV system over-current protective device is in accordance with electrical code.
☐ All required disconnecting means, types, and locations are specified on plan in accordance with electrical code and/or utility.
☐ The plan includes description of all marking and labeling in accordance with codes.
☐ The existence of a rapid shutdown system (RSS) in accordance with electrical code.

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