



SolarAPP+ – ELIGIIBILITY CHECKLIST

SAN JOAQUIN COUNTY COMMUNITY DEVELOPMENT DEPARTMENT
1810 E. HAZELTON AVENUE, STOCKTON CA 95205
BUSINESS PHONE: (209) 468-3121
INSPECTION REQUEST-24 HOUR RECORDER: (209) 468-3165

All of the following items must be verified in order to use SolarAPP+		Check Box
General		
1. New Rooftop Residential PV Systems not larger than 38.4 kilowatts		
2. Installed by licensed contractor		
3. No building integrated solar systems		
4. No existing PV on site		
5. No trenching is required		
6. No ground mounted systems		
7. If installed on a building other than a Single Family Dwelling (garage, carport, patio cover, etc.) the contractor has verified that the structure has been constructed with an approved building permit		
8. No non-permanent structures		
Electrical		
1. Single phase only		
2. No Aluminum Wires		
3. Must Use 600V rated PV wire (due to outer diameter > 0.24" (6.1mm))		
4. Must use 90 deg C rated insulated wire		
5. Height of rooftop conduit > = 7/8"		
6. Max 2 DC strings in parallel		
7. Max 9 current carrying conductors in a raceway		
8. Inverter output circuit conductors must be THWN-2, or listed NM		
9. Terminals must be rated to 75 deg C, labeled for use with Cu wires, and accept minimum 8 AWG wire		
10. If using microinverter, 1 module per microinverter		
11. Permitted to install on up to or equal to 400A Service		
12. Permitted to install on up to or equal to 225A Service Disconnect		
13. Permitted to install on up to or equal to 225A busbars		
14. May install only 1 module type		
15. May install only 1 racking system type		
16. May install up to 2 Inverters for String Inverters, up to 1 inverter type for Micro-inverters and AC modules Systems		
17. Conduit may not be Schedule 80 PVC		
18. Modules and Inverters must be listed on CEC		
19. Rapid Shutdown cannot be satisfied using the method: No exposed wiring or conductive parts [690.12(B)(2)(3)]		
20. Flat Plate PV Modules Only		
21. All power production inverter outputs have the same point of connection		
Structural		
1. Limited to 10" above the roof for pitched (>2/12) roof		
2. PV system + hardware weight is less than or equal to 4psf		
3. No wood shake or wood shingle roofing		
4. Only one type of mounting hardware system per project		