



CITY OF WEED

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REQUIRED ELIGIBILITY CHECKLIST FOR EXPEDITED ROOFTOP RESIDENTIAL SOLAR FOR 10 KW OR LESS

GENERAL REQUIREMENTS *

- A. System size is 10 kW AC CEC rating or less. Yes ☐ No ☐
- B. The solar array is roof-mounted on permitted one- or two-family dwelling built after 1970 or permitted accessory structure serving such dwelling(s) with permitted electrical services. Yes ☐ No ☐
- C. The solar panel/module arrays will not exceed the maximum legal building height. Yes ☐ No ☐
- D. Solar system is utility interactive and without battery storage. Yes ☐ No ☐
- E. Permit application is completed and attached if submitting in the office (over the counter). Note: If submitting in the office two (2) sets of plans are included that are of 11 X 17 minimum size. Plans shall include a site map drawn to scale (minimum 1:20), arrow indicating true north, roof plans showing module locations and layout, required Fire Department setbacks (see attached schedule). Show main service location, A/C disconnect, inverter, combiners, and all equipment for the system and locations for the equipment. For further information on solar, go online to: <http://www.cityofredding.org/departments/developmentservices/building/building-handouts> Yes ☐ No ☐
- F. Provide manufacturer's installation and grounding instructions for modules Yes ☐ No ☐
- G. Provide manufacturer's specification (cut sheets) for all components, but not limited to: 1. Modules; 2. Inverter; 3. Micro-inverter; 4. Power Optimizers; 5. Mounting/racking systems Yes ☐ No ☐

ELECTRICAL REQUIREMENTS*

- A. No more than four photovoltaic module strings are connected to each Maximum PowerPoint Tracking (MPPT) input where source circuit fusing is included in the Inverter. Yes ☐ No ☐
1. No more than two strings per MPPT input where source circuit fusing is not Included. Yes ☐ No ☐
2. Fuses (if needed) are rated to the series fuse rating of the PV module Yes ☐ No ☐
3. No more than one non inverter-integrated DC combiner is utilized per inverter Yes ☐ No ☐
- B. For central inverter systems: No more than two inverters are utilized. Yes ☐ No ☐

- C. The PV system is interconnected to a single-phase AC service panel of nominal 120/220 Vac with a bus bar rating of 225 A or less. Yes ☐ No ☐
- D. The PV system is connected to the load side of the utility distribution equipment. Yes ☐ No ☐
- E. One-line or three line electrical drawings. Yes ☐ No ☐
- F. Electrical system string calculations. Yes ☐ No ☐
- G. Have PV system breaker connected to bussing at opposite end of utility feed. Yes ☐ No ☐
- H. Show required A/C disconnect within 10' of meter and within sight of meter. Yes ☐ No ☐

STRUCTURAL REQUIREMENTS*

- A. Roof mounted system with engineered trusses at max. 24" o.c. Yes ☐ No ☐
- B. Provide dimensioned rack and anchor layout with attachment points at max. 4' spacing, staggered, so each truss receives load evenly. Yes ☐ No ☐
- C. Modules and racking is listed as a Class A roofing assembly if located in a high fire hazard area. Yes ☐ No ☐

**These criteria are intended for expedited solar permitting process. If any items are checked NO, revise design to fit within Eligibility Checklist, otherwise permit application may go through standard process.*