



# Town of Yucca Valley

## Building & Safety

### ELIGIBILITY CHECKLIST FOR ROOFTOP SOLAR PV FOR ONE AND TWO-FAMILY UNDER 10KW

**GENERAL REQUIREMENTS**

- A. System size is 10 kW AC CEC rating or less Y N
- B. The solar array is roof-mounted on one- or two-family dwelling or accessory structures Y N
- C. The solar panel/module arrays will not exceed the maximum legal building height Y N
- D. Solar system is utility interactive and without battery storage Y N
- E. Permit application is completed and attached Y N
- F. Solar system shall be placed on an approved permitted structure Y N
- G. Site diagram showing the arrangement of panels on the roof or ground, north arrow, lot dimensions and the distance from property lines to adjacent buildings/structures existing & proposed Y N

**ELECTRICAL REQUIREMENTS** *(provide a single line diagram to include items A thru E)*

- A. No more than four photovoltaic module strings are connected to each Maximum Power Point Tracking (MPPT) input where source circuit fusing is included in the inverter Y N
  - 1) No more than two strings per MPPT input where source circuit fusing is not included Y N
  - 2) Fuses (if needed) are rated to the series fuse rating of the PV module Y N
  - 3) No more than one non-inverter-integrated DC combiner is utilized per inverter Y N
- B. For central inverter systems: No more than two inverters are utilized Y N
- 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 Y N
- D. The PV system is connected to the load side of the utility distribution equipment Y N
- E. A Solar PV Standard Plan and supporting electrical calculations is completed and attached Y N
- F. Licensed C-10 or C-46 Contractor may prepare & sign PV plans only if they are performing the Work, otherwise plans shall be prepared by a licensed California civil engineer Y N

**STRUCTURAL REQUIREMENTS**

- A. Structural Criteria, pursuant to CBC 1603.1 and supporting documentation is attached Y N
- B. Note on plans, Engineer of Record (EOR) shall provide a structural observation report that identifies any deficiencies that to the best of the structural observer's knowledge have not been resolved pursuant to CBC 1704.5.1 Y N
- C. Roof covering shall be Class A, in a non-deteriorated state and no more than 2 roof layers Pursuant to CBC1506.3 Y N
- D. Installation of PV racking and standoffs are in compliance with Table 1 & 2 or part 3 of PV Tool Kit for standoff spacing and roof rafter spans Y N

**FIRE SAFETY REQUIREMENTS**

- A. Clear access pathways to the structure is provided Y N
- B. Fire Classification solar system is provided Y N
- C. All required markings, warning signs and labels are provided Y N
- D. A diagram of the roof layout of all panels, modules, 3'-0" clear access pathways and approximate locations of electrical disconnecting means and roof access points is completed and attached Y N
- E. Provide screening or approved alternate to prevent debris from collecting under the panel array Y N

**Notes:**

1. *These criteria are intended for expedited solar permitting process.*
2. *If any items are checked NO, revise design to fit within Eligibility Checklist, otherwise permit application will be subject to the standard process.*