



CITY OF FONTANA

BUILDING & SAFETY

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Eligibility Checklist for Expedited One- and Two-Family Residential Rooftop Solar Energy Installations (10KW or Less)

FORM PV 2

GENERAL REQUIREMENTS

- 1. System size is 10 KW AC CEC rating or less. Y N
- 2. The solar array is roof-mounted on one- or two-family dwelling or accessory structure. Y N
- 3. The solar panel/module arrays will not exceed the maximum legal building height. Y N
- 4. Solar system is utility interactive and without battery storage. Y N
- 5. Permit application is completed and attached. Y N

ELECTRICAL REQUIREMENTS

- 1. 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. Y N
 - a. No more than two strings per MPPT input where source circuit fusing is not included. Y N
 - b. Fuses (if needed) are rated to the series fuse rating of the PV module. Y N
 - c. No more than one noninverter-integrated DC combiner is utilized per inverter. Y N
- 2. For central inverter systems: No more than two inverters are utilized. Y N
- 3. 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
- 4. The PV system is connected to the load side of the utility distribution equipment. Y N
- 5. A completed Solar PV Standard Plan is attached (**Form PV3 or PV4**). Y N

STRUCTURAL REQUIREMENTS

- 1. A completed Structural Criteria form is attached (**Form PV5**). Y N

FIRE SAFETY REQUIREMENTS

- 1. Clear access pathways provided. Y N
- 2. Fire classification solar system is provided. Y N
- 3. All required markings and labels are provided. Y N
- 4. A diagram of the roof layout of all panels, modules, clear access pathways and approximate locations of electrical disconnecting means and roof access points is completed and attached. Y N

Note: If any items are checked NO, revise design to fit within Eligibility Checklist, otherwise permit application may go through standard process.

Address: _____ **Signature:** _____