



# Community Development Department

## Building Division

# Eligibility Checklist for Expedited Solar Photovoltaic Permitting for One- and Two-Family Dwellings

PERMIT NUMBER: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

### 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 structure  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

### ELECTRICAL REQUIREMENTS

- 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 noninverter-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 documentation is completed and attached  Y  N

### STRUCTURAL REQUIREMENTS

- A. A completed Structural Criteria and supporting documentation is attached (if required)  Y  N

### FIRE SAFETY REQUIREMENTS

- A. Clear access pathways provided  Y  N
- B. Fire classification solar system is provided  Y  N
- C. All required markings and labels are provided  Y  N
- D. 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

#### 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 may go through standard process.

- ❖ Minimum 3/4" EMT is required in the City of Benicia
- ❖ Minimum #6 Bare is required on the roof deck between panels

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_