

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

### GENERAL REQUIREMENTS

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|--|----------------------------|----------------------------|
| A. County of Orange standard plan is used  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. System size is 10 kW AC CEC rating or less  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. The solar array is roof-mounted on one- or two-family dwelling or accessory structure | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. The solar panel/module arrays will not exceed the maximum legal building height       | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| E. Solar system is utility interactive and without battery storage                       | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| F. Permit application is completed and attached  | <input type="checkbox"/> Y | <input type="checkbox"/> N |

### ELECTRICAL REQUIREMENTS

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|--|----------------------------|----------------------------|
| 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 | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| 1) No more than two strings per MPPT input where source circuit fusing is not included   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| 2) Fuses (if needed) are rated to the series fuse rating of the PV module  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| 3) No more than one noninverter-integrated DC combiner is utilized per inverter  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. For central inverter systems: no more than two inverters are utilized   | <input type="checkbox"/> Y | <input type="checkbox"/> 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                                      | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. The PV system is connected to the load side of the utility distribution equipment   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| E. A Solar PV Standard Plan and supporting documentation is completed and attached   | <input type="checkbox"/> Y | <input type="checkbox"/> N |

### STRUCTURAL REQUIREMENTS

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| A. A completed Structural Criteria and Supporting documentation is attached | <input type="checkbox"/> Y | <input type="checkbox"/> N |
|---|----------------------------|----------------------------|

### FIRE SAFETY REQUIREMENTS

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|--|----------------------------|----------------------------|
| A. Clear access pathways provided  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. Fire classification solar system is provided  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. All required markings and labels are provided   | <input type="checkbox"/> Y | <input type="checkbox"/> 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 | <input type="checkbox"/> Y | <input type="checkbox"/> N |

- Notes:
- These criteria are intended for expedited solar permitting process.
  - A "YES" or "NO" must be attached for all items. If any item is not checked "YES", revise design to within this Eligibility Checklist, otherwise permit application must go through standard process of 5 working days.