



# CITY OF NEWPORT BEACH

## COMMUNITY DEVELOPMENT DEPARTMENT

### BUILDING DIVISION

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

### GENERAL REQUIREMENTS

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|--|----------------------------|----------------------------|
| A. System size is 10 kW AC CEC rating or less  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. The solar array is roof-mounted on one- or two-family dwelling or accessory structure | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. The solar panel/module arrays will not exceed the maximum legal building height       | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. Solar system is utility interactive and without battery storage                       | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| E. 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 non inverter-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 (if required) | <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:

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.