

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



Community Development Department

## GENERAL REQUIREMENTS

- |  |                            |                            |
|--|----------------------------|----------------------------|
| A. System size is 38.4 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   | <input type="checkbox"/> Y | <input type="checkbox"/> N |

## ELECTRICAL REQUIREMENTS

- |   |                            |                            |
|---|----------------------------|----------------------------|
| A. 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 | <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 V 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

- |   |                            |                            |
|---|----------------------------|----------------------------|
| A. The roof has a single roof covering without a roof overlay.  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. Structural design criteria and supporting documentation is attached.   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. Provide structural calculations, including engineered design and mounting details for attaching solar system to roof of structure to resist shear forces. Identify the roof framing member size and spacing. Provide structural specifications for the mounting system. Define proposed size of connectors (diameter, length, required embedment into structure below) and tested values of proposed connectors. Design calculations and drawings shall be stamped and signed by a licensed California Engineer. | <input type="checkbox"/> Y | <input type="checkbox"/> N |

## FIRE SAFETY REQUIREMENTS

- |  |                            |                            |
|--|----------------------------|----------------------------|
| A. Clear access pathways provided, except as allowed by the City of Signal Hill Municipal Code Title 15, Section 15.13.010, or approved by the Building Official.  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. Solar system (mounting system + module) to have a Class A fire classification in accordance with UL 1703. Please provide the fire rating type for the module as well as the overall solar system fire classification on the plans. Information is located on sheet _____. | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. All required markings and labels are provided showing location of each and the verbiage.  | <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 |
| E. Building elevations indicating the location of the solar system are attached.   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| F. If battery system is located inside garage with heat detector, Fire approved plans are included with submission.  | <input type="checkbox"/> Y | <input type="checkbox"/> N |

AGREEMENT:

As the responsible contractor or authorized agent for the project I understand that I am responsible for the accuracy of all information provided in this application. I also understand that revisions to this project will result in a revised application and plan review submitted to the building division which may not be eligible for expedited solar permit issuance.

Contractor/Authorized Agent Name (print): \_\_\_\_\_

Contractor/Authorized Agent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

NOTES and OTHER INFORMATION:

1. Size of existing service main: ☐ 200 A ☐ 125 A ☐ 100 A ☐ other \_\_\_\_\_
2. Will the service main be upgraded and / or replaced? ☐ Yes ☐ No  
If yes, size of new service main: ☐ 200 A ☐ 125 A ☐ 100 A ☐ other \_\_\_\_\_
3. Utility District: SCE
4. Has the Utility District been notified? \_\_\_\_\_

**Additional Notes:** These criteria are intended for an expedited solar permitting process pursuant to Section 15.13.010 of the City of Signal Hill Municipal Code and Government Code Section 65850.5. If any items are checked NO, the permit application may go through the City of Signal Hill standard review process.

Updated 2024