

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



Community Development Department

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 PowerPoint 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 non-inverter-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 V 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. The roof has a single roof covering without a roof overlay. Y N
- B. Structural design criteria and supporting documentation is attached. Y 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. Y 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. Y 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 _____. Y N
- C. All required markings and labels are provided showing location of each and the verbiage. 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
- E. Building elevations indicating the location of the solar system are attached. Y 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.

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