



ELIGIBILITY CHECKLIST FOR EXPEDITED RESIDENTIAL SOLAR PHOTOVOLTAIC PERMITTING

INFORMATION GUIDELINE

24B

August 2018

CITY OF ESCONDIDO • BUILDING DIVISION • 201 N. BROADWAY, ESCONDIDO, CA 92025 • (760) 839-4647

Complete this Eligibility Checklist, the permit application and standard electrical plan or provided an electrical single line drawing along with the manufacturer’s specification sheets and the project will qualify for an expedited plan review. See Information Guideline # 24A for plan review and inspection requirements.

ADDRESS: _____ PERMIT NUMBER _____

GENERAL REQUIREMENTS

- A. System size is 10 kw rating or less. Y N
- B. The solar array is roof mounted on a one or two family dwelling. Y N
- C. The solar panel/array will not exceed the maximum legal building height. Y N
- D. Solar system is utility interactive and without storage batteries. Y N
- E. Permit application is complete and attached. Y N

ELECTRICAL REQUIREMENTS

- A. No more than 4 module strings are connected to the system. Y N
- B. No more than 2 inverters or micro inverters are utilized in the system. Y N
- C. The PV system is interconnected to a single-phase AC service panel of nominal 120/220 Vac with bus bar rating of 225 amps 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 or electrical single line drawing and supporting documentation is completed and attached Y N
- F. A minimum # 8 grounding electrode conductor from the grounding to the array and an equipment ground sized per NEC Table 250.122. Y N
- G. A listed module bonding device or a device compatible with the modules and module support system is installed. Y N
- H. A grounding electrode exist or 2 additional electrodes a minimum of 6’ apart. Y N
- I. The electrical panel has not been de-rated. Y N

STRUCTURAL REQUIREMENTS

- A. Complete structural calculations and details are attached. (If required) Y N
- B. Is the roof a single roof without reroof overlay? Y N
- C. Does the roof structure appear structural sound, without signs of alteration or deterioration or sagging? Y N
- D. Modules do not overhang any roof edge. Y N
- E. A roof plan and anchor layout is attached. Y N

FIRE SAFETY REQUIREMENTS

- A. Clear fire access pathways are provided and dimensioned per CRC Sections R324.6.1 – R324.6.2.1. Y N
- B. Verification of fire classification for the solar modules and support system is provided. Y N
- C. All required markings, labels and placards are provided. Y N
- D. Solar system is utility interactive and without storage batteries. Y N
- E. A diagram of the roof layout of all panels, modules, access pathways and locations of the electrical disconnecting means and all associated equipment is shown. Y N
- F. The modules are not located on a lower roof surface beneath a required bedroom egress window. Y N

Notes:

1. These criteria are intended for expedited solar permitting process.
2. If any items are checked "**NO**," revise the design to fit within the Eligibility Checklist, otherwise permit application may go through the standard process.