



Eligibility Checklist for Express Solar PV Permits: One and Two Family Dwellings - 10 kW or Less

Riverside Public Utilities Requirements: Y N

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|----|--|--------------------------|--------------------------|
| A. | Is there an existing solar PV system already installed onsite? | <input type="checkbox"/> | <input type="checkbox"/> |
| B. | The proposed PV system will not generate more than 100% of the customers historic 12 month annual consumption in kilowatt hours | <input type="checkbox"/> | <input type="checkbox"/> |
| C. | A California Solar Initiative PV Calculation Worksheet (CSI Standard PV) is provided with the permit application. Advisory Note: Be sure to check the minimal shading box and once the CSI Calculation is completed, print the PDF and submit with this permit application. Please also visit: www.csi-epbb.com for further information. | <input type="checkbox"/> | <input type="checkbox"/> |
| D. | The single line diagram shows the required AC disconnect (knife blade type and lockable in the open position) wired between the PV dedicated breaker at the main service panel and the production meter. In addition, the production meter diagram must show polarity (line/load) | <input type="checkbox"/> | <input type="checkbox"/> |

General Requirements: Y N

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|----|---|--------------------------|--------------------------|
| A. | PV system size is 10 kW AC CEC rating or less | <input type="checkbox"/> | <input type="checkbox"/> |
| B. | The solar array is roof-mounted on a legal single family dwelling or accessory structure | <input type="checkbox"/> | <input type="checkbox"/> |
| D. | The solar system is utility interactive and without battery storage | <input type="checkbox"/> | <input type="checkbox"/> |
| E. | Solar Plans and supporting documentation is completed and attached | <input type="checkbox"/> | <input type="checkbox"/> |

Electrical Requirements: Y N

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|----|---|--------------------------|--------------------------|
| 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"/> | <input type="checkbox"/> |
| | 1. No more than two strings per MPPT input where source circuit fusing is not included | <input type="checkbox"/> | <input type="checkbox"/> |
| | 2. Fuses (if needed) are rated to the series fuse rating of the PV module | <input type="checkbox"/> | <input type="checkbox"/> |
| | 3. No more than one non-inverter-integrated dc combiner is utilized per inverter | <input type="checkbox"/> | <input type="checkbox"/> |
| B. | For central inverter systems - No more than two inverters are utilized | <input type="checkbox"/> | <input type="checkbox"/> |
| C. | The PV system is interconnected to a single-phase AC service panel of nominal 120/220 V ac with a bus bar rating of 225 amps or less . Note: <u>A separate permit is required for electrical service upgrades</u> | <input type="checkbox"/> | <input type="checkbox"/> |

- D. The PV system is connected to the load side of the service **AND** any de-rating of the main breaker is justified with supporting calculations attached
- E. The main service breaker and dedicated PV breaker do not exceed 120% of the listed panel bus bar rating

Structural Requirements:		Y	N
A.	Completed Structural Criteria Form <u>OR</u> site specific structural engineering with supporting documentation is attached	<input type="checkbox"/>	<input type="checkbox"/>
B.	Roof covering material(s) are in a serviceable non-deteriorated state with no more than 2 roofing layers pursuant to CBC 1506.3	<input type="checkbox"/>	<input type="checkbox"/>

Fire and Life Safety Requirements:		Y	N
A.	Clear fire access pathways provided	<input type="checkbox"/>	<input type="checkbox"/>
B.	Fire classification for solar system is provided	<input type="checkbox"/>	<input type="checkbox"/>
C.	All required signs, markings and labels are provided	<input type="checkbox"/>	<input type="checkbox"/>
D.	A diagram is completed and attached that shows the roof layout of all solar panels, clear fire access pathways, and approximate location(s) of all electrical equipment, disconnecting means and rooftop access points	<input type="checkbox"/>	<input type="checkbox"/>

Applicant Acknowledgement:

This criteria is intended for an express solar permitting process. If any items are checked NO, please revise plans to fit within the eligibility checklist; otherwise the permit application may go through a standard permitting review and approval process.

Project Address: _____

Applicant Signature: _____

Applicants Printed Name: _____

Contractors California License Number and type: _____ - _____

Advisory Notes:

1. In accordance with **CEC Section 690.4**; only qualified persons may install the electrical components of a PV solar system. Therefore, **Owner-Builder Permit** projects require the review and approval of the City Building Official prior to permit issuance.
2. The NET Energy Metering Forms must be completely filled out and signed by the applicant in order to allow interconnection of the PV system.