

DOCKETED

Docket Number:	15-BSTD-02
Project Title:	Residential Compliance Manual and Documents
TN #:	232817-4
Document Title:	2016-CF2R-SPV-01b- PVSystemsExceptionsToSRA_Requirementspdf
Description:	N/A
Filer:	Corrine Fishman
Organization:	California Energy Commission
Submitter Role:	Public Agency
Submission Date:	4/22/2020 9:28:33 AM
Docketed Date:	4/22/2020



CERTIFICATE OF INSTALLATION		CF2R-SPV-01-E
Photovoltaic Systems		(Page 1 of 2)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

The installer is required to fill out this compliance document for all newly installed Photovoltaic Systems (PV) when the CF1R shows PV as required for compliance. Single family and multifamily residences may install a PV system for compliance purposes. The performance compliance approach must be utilized and the project must be located in climate zones 1-5 or 8-16. Procedures for verifying compliance are described in Reference Residential Appendix RA4.6.

The installer is required to fill out this compliance document for all newly installed Photovoltaic Systems (PV) when the PV system is being used to claim an exception to the Solar Ready requirements of Section 110.10, specifically Exception 1 to Section 110.10(b)1A for single family residences or Exception 1 to Section 110.10(b)1B for low-rise multifamily buildings. High-rise Multifamily buildings and Hotel/Motel Occupancies with fewer than 10 stories and nonresidential buildings with 3 stories or fewer must use the NRCI-SPV-01-E to claim Exception 1 to Section 110.10(b)1B.

A. General Information	
01	Is this PV system being used to claim a Compliance Credit for PV installation in a single family residence?
02	Is this PV system being used to comply with the Solar Ready Area Exception?

SPV-01b Solar Exception to Solar Ready Area requirements

B. PV System Eligibility for Solar Ready Area Exception: Single Family Residence	
01	Enter Module Manufacturer Name
02	Enter Module Model Number
03	Enter Module Nameplate DC Power Rating Measure Under Standard Test Conditions (Watts)
04	Enter Number of Modules Used in the PV System
05	Installed PV System Nameplate DC Power Rating (Watts)
06	Compliance Statement:

C. PV System Eligibility for Solar Ready Area Exception: Low-rise Multifamily Building	
01	Total Roof Area (ft ²)
02	Minimum Nameplate DC Power Rating (Watts) = Total Roof Area (ft ²) x (1 Watt/ft ²)
03	Enter Module Manufacturer Name
04	Enter Module Model Number
05	Enter Module nameplate DC Power Rating measure under Standard Test Conditions (Watts)
06	Enter Number of Modules used in the PV System
07	Installed PV System Nameplate DC Power Rating (Watts)
08	Compliance Statement:



CERTIFICATE OF INSTALLATION		CF2R-SPV-01-E
Photovoltaic Systems		(Page 2 of 2)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Installation documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Documentation Author Company Name:	Date Signed:
Address:	CEA/HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Installation is true and correct.
- I am either: a) a responsible person eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation, and attest to the declarations in this statement, or b) I am an authorized representative of the responsible person and attest to the declarations in this statement on the responsible person's behalf.
- The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations and the installation conforms to the requirements given on the Certificate of Compliance, plans, and specifications approved by the enforcement agency.
- I will ensure that a registered copy of this Certificate of Installation shall be posted or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a registered copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Builder/Installer Name:	Responsible Builder/Installer Signature:	
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)	Position With Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone:	Date Signed:

CF2R-SPV-01b-E User Instructions**A. General Information**

01 Is this PV system being used to claim a Compliance Credit for PV installation in a single family residence? User selects from available options: No compliance credit claimed, Credit Claimed

02 Is this PV system being used to comply with the Solar Ready Area Exception? User selects from available options: No exception claimed, Exception Claimed: Single family residence, Exception Claimed: Low-rise Multifamily building

B. PV System Eligible for Solar Ready Area Exception: Single Family

01 Enter the module manufacturer name.

02 Enter the module model name.

03 Enter the module's nameplate DC power rating under Standard Test Conditions in Watts.

04 Enter the number of modules used in the PV system.

05 The installed PV system's DC power rating will be calculated by multiplying the module's DC nameplate power rating by the number of modules used in the PV system.

06 The PV system complies if the DC power rating of the PV system is greater than or equal to 1,000 Watts.

C. PV System Eligible for Solar Ready Area Exception: Low-rise Multifamily Building

01 Enter the total roof area of the building in ft².

02 The minimum nameplate DC power rating of the PV system will be determined by multiplying the total roof area of the building in square feet by 1 Watt/ft².

03 Enter the module manufacturer name.

04 Enter the module model name.

05 Enter the module's nameplate DC power rating in Watts.

06 Enter the number of modules used in the PV system.

07 The installed PV system's DC power rating will be calculated by multiplying the module DC nameplate rating by the number of modules used in the PV system.

08 The PV system complies if the DC power rating of the PV system is greater than or equal to the value in C02.