

DOCKETED

Docket Number:	18-BSTD-02
Project Title:	2019 ENERGY CODE COMPLIANCE MANUALS
TN #:	232778-19
Document Title:	2019-CF2R-SRA-01-E-SolarReadyBuildingspdf
Description:	N/A
Filer:	Corrine Fishman
Organization:	California Energy Commission
Submitter Role:	Public Agency
Submission Date:	4/20/2020 8:45:49 AM
Docketed Date:	4/20/2020



CERTIFICATE OF INSTALLATION		CF2R-SRA-01-E
Solar Ready Buildings– New Construction		(Page 1 of 2)
Project Name:	Date Prepared:	

A. General Information

Only use this form if the newly constructed do not have a PV system installed. Do not use this form to show solar ready compliance for hotel/motel occupancies and high-rise multifamily buildings with ten stories or fewer and all other nonresidential buildings with three stories or fewer. Instead, use form NRCI-SRA-01-E

01	Building Type:	
02	Method of Compliance:	

B. Building Meets the Solar Ready Requirements

01	Compliance with Solar Ready Requirements	
02	The construction documents indicate: <ul style="list-style-type: none"> The solar zone A location for inverters and metering equipment A pathway for routing of conduit from the solar zone to the point of interconnection with the electrical service A Pathway for routing of plumbing from the solar zone to the water heating system The structural design loads for roof dead load and roof live load, in the solar zone 	
03	A copy of the construction documents including all the information above will be provided to the occupant.	
04	For Single Family Residences only: <ul style="list-style-type: none"> The main electric service panel shall have a minimum busbar rating of 200 amps. The main electric service panel shall have reserved space to allow for the installation of a double pole circuit breaker. The reserved space shall be positioned at the opposite (load) end from the input feeder location or main circuit location. The reserved space shall be permanently marked as "For Future Solar Electric". 	

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

C. Residence Not in an Applicable Subdivision

01	The single family residence is located in a subdivision with fewer than ten single family residences.	
----	---	--

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

D. Permanently Installed Solar Water Heating System

01	Solar Water Heating System Rating	
02	Solar Savings Fraction of the Proposed Solar Water Heating System	
03	Compliance Statement:	

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

E. Smart Thermostats and Alternative Efficiency Measure (Single Family)

01	All thermostats comply with Reference Joint Appendix JA5 and are capable of receiving and responding to Demand Response Signals prior to granting of an occupancy permit by the enforcing agency.	
02	Alternative Efficiency Measure:	

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

F. Smart Thermostats and Alternative Efficiency Measure (Multifamily)

01	All thermostats comply with Reference Joint Appendix JA5 and are capable of receiving and responding to Demand Response Signals prior to granting of an occupancy permit by the enforcing agency.	
02	Alternative Efficiency Measure:	

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

G. Roof is Designed for Vehicle Traffic or Parking or for Heliport (Applies to Low-rise Multifamily only)

01	The roof is designed and approved by the Authority Having Jurisdiction to be used for vehicular traffic or parking or for a heliport.	
02	Provide Building Plan Reference	

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.



CERTIFICATE OF INSTALLATION		CF2R-SRA-01-E
Solar Ready Buildings– New Construction		(Page 2 of 2)
Project Name:	Date Prepared:	

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature:
Company:	Signature Date:
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:	
<ol style="list-style-type: none"> The information provided on this Certificate of Compliance is true and correct. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer). That the energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. I will ensure that a registered copy of this Certificate of Compliance shall be 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 Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. 	
Responsible Designer Name:	Responsible Designer Signature:
Company:	Date Signed:
Address:	License:
City/State/Zip:	Phone:



CERTIFICATE OF INSTALLATION		CF2R-SRA-01-E
Solar Ready Buildings– New Construction		(Page 1 of 2)
Project Name:	Date Prepared:	

CF2R-SRA-01-E User Instructions**A. General Information**

- 01 Building Type: User selects Building Type from the available options.
- 02 Method of Compliance: User selects Method of Compliance from the available options.

B. Building Meets the Solar Ready Requirements – Optional table based on user selection in cell A02:

- 01 Compliance with Solar Ready Requirement: Auto filled text based on the existence of a registered CF1R-SRA-02.

C. Residence is not in Applicable Subdivision – Optional table based on user selection in cell A02.**D. Permanently Installed Solar Water Heating System** – Optional table based on user selection in cell A02:

- 01 Solar Water Heating System Rating: User selects Solar Water Heating System Rating from the available options.
- 02 Required Minimum Solar Savings Fraction of the Proposed Solar Water Heating System: Auto filled minimum solar savings fraction required.
- 03 Solar Savings Fraction of the Proposed Solar Water Heating System: Auto filled proposed solar savings fraction from a registered CF1R-STH-01 or CF1R-STH-02.
- 04 Compliance Statement: Auto filled compliance statement text, based on the answers to questions E01 through E03.

E. Smart Thermostats and Alternative Efficiency Measure (Single Family) – Optional table based on user selection in cell A02.

- 02 Alternative Efficiency Measure: User selects the alternative efficiency option installed.

F. Smart Thermostats and Alternative Efficiency Measure (Multifamily) – Optional table based on user selection in cell A02.

- 02 Alternative Efficiency Measure: User selects the alternative efficiency option installed.

G. Roof is designed for Vehicle Traffic or Parking or for Heliport (Applies to Low-rise Multifamily only) – Optional table based on user selection in cell A02:

- 02 Provide Building Plan Reference: Enter the Building Plan Reference.