



CERTIFICATE OF COMPLIANCE		CF1R-SRA-01-E
Solar Ready Area– New Construction		(Page 1 of 2)
Project Name:	Date Prepared:	

**A. General Information**

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 NRCC-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"> <li>The solar zone</li> <li>A location for inverters and metering equipment</li> <li>A pathway for routing of conduit from the solar zone to the point of interconnection with the electrical service</li> <li>A Pathway for routing of plumbing from the solar zone to the water heating system</li> <li>The structural design loads for roof dead load and roof live load, in the solar zone</li> </ul>	
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"> <li>The main electric service panel shall have a minimum busbar rating of 200 amps.</li> <li>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".</li> </ul>	

**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, or where the application for a tentative subdivision map for the residences was deemed complete by the enforcement agency, before January 1, 2014.	
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**The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.**

**D. Permanently Installed Solar Photovoltaic (PV) System**

01	Proposed Nameplate DC Power Rating for the PV System (Watts)	
02	For Low Rise Multifamily, enter the total area of the roof (ft <sup>2</sup> )	
03	Compliance statement:	

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

**E. Permanently Installed Solar Water Heating System**

01	Solar Water Heating System Rating	
02	Required minimum solar savings fraction of the proposed solar water heating system:	
03	Solar savings fraction of the proposed solar water heating system:	
04	Compliance statement:	

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



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**F. Smart Thermostats and High Efficacy Lighting**

01	All thermostats in each dwelling unit are Occupant Controlled Smart Thermostats (OCSTs), certified to the commission and listed on the Commission's appliances database. Alternatively, a networked system of devices may be installed that provides functionality equivalent to an OCST.
02	Lighting in the residence ,or in all dwelling units, meets the following requirements: <ul style="list-style-type: none"> <li>All permanently installed indoor lighting is high efficacy as defined in TABLE 150.0-A or 150.0-B, and is installed in kitchens, bathrooms, utility rooms, and garages at a minimum.</li> <li>All permanently installed lighting in bathrooms is controlled by a vacancy sensor, except for one high efficacy luminaire per bathroom with total lamp wattage no greater than 26 Watts.</li> <li>Every room which does not have permanently installed lighting has at least one switched receptacle installed.</li> <li>Permanently installed night lights complying with Section 150.0(k)1E are allowed.</li> <li>Lighting integral to exhaust fans complying with Section 150.0(k)1F is allowed.</li> <li>All permanently installed outdoor lighting is high efficacy as defined in TABLE 150.0-A or 150.0-B and is controlled by both a manual on/off switch and by a photocontrol, astronomical time clock, or by an energy management control system that provides both those function.</li> </ul>
<b>The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.</b>	

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



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**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:

- 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:

**SOLAR READY AREA – NEW CONSTRUCTION**

CEC-CF1R-SRA-01-E (Revised 06/13)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE – USER INSTRUCTIONS

CF1R-SRA-01-E

Solar Ready Area– New Construction

(Page 1 of 1)

- A. General Information:
- 01 User selects Building Type from the available options.
  - 02 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 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 Photovoltaic (PV) System – Optional table based on user selection in cell A02:
- 01 User enters the proposed Nameplate DC Power Rating for the installed PV System (Watts).
  - 02 If Building type in A01 equals Low Rise Multifamily, user enter the total roof area in square feet. If Building type in A01 equals Single Family, then box will be auto filled with N/A.
  - 03 Auto filled compliance statement text, based on the answers to questions D01 and D02.
- E. Permanently Installed Solar Water Heating System – Optional table based on user selection in cell A02:
- 01 User selects Solar Water Heating System Rating from the available options.
  - 02 Auto filled minimum solar savings fraction required.
  - 03 Auto filled proposed solar savings fraction from a registered CF1R-STH-01 or CF1R-STH-02.
  - 04 Auto filled compliance statement text, based on the answers to questions E01 through E03.
- F. Smart Thermostats and High Efficacy Lighting – Optional table based on user selection in cell A02.
- 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: