### STATE OF CALIFORNIA SOLAR READY AREAS CEC-NRCC-SRA-01-E (Revised 08/15)

CERTIFICATE OF COMPLIANCE

Solar Ready Areas

Project Name:

CALIFORNIA ENERGY COMMISSION

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NRCC-SRA-01-E

Date Prepared:

Bate Trepare

	Hotel/Motel building with ten stories or fewer High-rise multi-family building with ten stories or fewer							
	Other nonresidential building with three stories or fewer							
	Solar-ready requirements do not apply to hotel/motel buildings and high-rise multifamily building with more than ten stories or other nonresidential buildings with more than three stories.							
		Construction	Addition that increases roof area by more than 2,000 ft <sup>2</sup>					
Solar	-ready requirements do not apply to al	terations or additi	ions that increase the roof area by 2,000 ft <sup>2</sup> or less.					
B. S	olar-Ready							
	ose Path A, B, C, D, or E from below)							
A. /	Allocated Solar Zone							
	NRCC-SRA-02-E Minimum Solar Zone Aı	rea Worksheet is re	equired to be submitted					
Minir	num Solar Zone Area (sqft)							
	This is quantity [G] from NRCC-SRA-02-	E Minimum Solar Z	one Area Worksheet					
	osed Solar Zone Area (sqft)							
-	This is quantity [S] from NRCC-SRA-02-E							
	connection with the electrical service. T		rs and metering equipment and a pathway for routing of conduit from the solar cuments will indicate a pathway for routing of plumbing from the solar zone to					
A cop occup	-	omparable docume	ent indicating information about the solar zone and interconnection pathways w	vill be provided to the				
	he installer certifies that all above req e Minimum Solar Zone Area, the buildi		en met and the Proposed Solar Zone Area meets or exceeds does not co wise it does not comply.	omply complies				
B. F	Permanently Installed Solar Photovolta	ic (PV) System						
	Total Roof Area (sqft)	)*	Minimum Nameplate DC Power Rating (watts)					
	[A]		[B] = A x 1watt/ft <sup>2</sup>					
1								
	* New construction: report total ro	-	report newly added roof area					
		-		Yes 🗆 No				
Ra If y	II the proposed building have a perman ting?	iently installed sola	report newly added roof area					
Ra If y of	II the proposed building have a perman ting? ves, a NRCI-SPV-01-E Certificate of Instan	lently installed sola	report newly added roof area r electric system that meets or exceeds the Minimum Nameplate DC Power woltaic System documenting the installed system must be submitted as a condit					
Ra If y of <b>Ple</b>	II the proposed building have a perman ting? ves, a NRCI-SPV-01-E Certificate of Instan final approval.	ently installed sola Ilation: Solar Photo	report newly added roof area r electric system that meets or exceeds the Minimum Nameplate DC Power woltaic System documenting the installed system must be submitted as a condit	ion				
Ra If y of Ple	II the proposed building have a perman ting? res, a NRCI-SPV-01-E Certificate of Instan final approval. ease check box to right if answered yes	ently installed sola llation: Solar Photo to all questions in ting System	report newly added roof area r electric system that meets or exceeds the Minimum Nameplate DC Power evoltaic System documenting the installed system must be submitted as a condit of this section.	ion				
Rai If y of Ple C. F Wi If y	II the proposed building have a perman ting? res, a <i>NRCI-SPV-01-E Certificate of Instan</i> final approval. <b>Pase check box to right if answered yes</b> <b>Permanently Installed Solar Water Hea</b> II the building have a permanently insta	ently installed sola llation: Solar Photo to all questions in ting System alled solar water he	report newly added roof area r electric system that meets or exceeds the Minimum Nameplate DC Power evoltaic System documenting the installed system must be submitted as a condit of this section.	ion EXEMPT				
Ra If y of Ple C. F Wi If y col	II the proposed building have a perman ting? res, a NRCI-SPV-01-E Certificate of Instan final approval. <b>Pase check box to right if answered yes</b> <b>Permanently Installed Solar Water Hea</b> II the building have a permanently instan res, a NRCI-STH-01-E Certificate of Instan ndition of final approval.	ently installed sola Ilation: Solar Photo to all questions in ting System alled solar water he Ilation: Solar Water	report newly added roof area r electric system that meets or exceeds the Minimum Nameplate DC Power evoltaic System documenting the installed system must be submitted as a condit of this section.	ion EXEMPT				
Ra If y of Ple C. F Wi If y col	II the proposed building have a perman ting? res, a NRCI-SPV-01-E Certificate of Instan final approval. <b>Pase check box to right if answered yes</b> <b>Permanently Installed Solar Water Hea</b> II the building have a permanently instan res, a NRCI-STH-01-E Certificate of Instan ndition of final approval.	ently installed sola Ilation: Solar Photo to all questions in ting System alled solar water he Ilation: Solar Water	report newly added roof area r electric system that meets or exceeds the Minimum Nameplate DC Power woltaic System documenting the installed system must be submitted as a condit of this section.	ion EXEMPT Yes 🗆 No				
Ra If y of Ple C. F Wi If y col	II the proposed building have a perman ting? res, a NRCI-SPV-01-E Certificate of Instan final approval. <b>Permanently Installed Solar Water Hea</b> II the building have a permanently instan res, a NRCI-STH-01-E Certificate of Instan ndition of final approval.	ently installed sola Ilation: Solar Photo to all questions in ting System alled solar water he Ilation: Solar Water	report newly added roof area r electric system that meets or exceeds the Minimum Nameplate DC Power evoltaic System documenting the installed system must be submitted as a condit a this section. eating system? r Heating System documenting the installed system must be submitted as 0.2 in climate zones 1 through 9 or 0.35 in climate zones 10 through 16?	ion EXEMPT Yes 🗆 No				

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EXEMPT

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Date Prepared:

D. Thermostats and High Efficacy Lighting				
Is the building a high-rise multifamily building with ten or stories or fewer?	Yes	□ No		
Will all thermostats in each dwelling unit comply with Reference Joint Appendix 5 (JA5) and will they be capable of receiving and responding to Demand Response Signals prior to granting of an occupancy permit by the enforcing agency?	Yes	No		
Will all installed luminaires be classified as high efficacy in accordance with the applicable requirements in Section 130.0(c), and in accordance with TABLE 150.0-A or TABLE 150.0-B?	Yes	No		
Please check box to right if answered yes to all questions in this section.		EXEMP		
E. Roof is Designed for Vehicle Traffic or Parking or for Heliport				
Will the roof be designed and approved to be used for vehicular traffic or parking or for a heliport.	□ Yes	□ No		
Please provide building plan reference				

Please check box to right if answered yes to all questions in this section.

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT					
I. 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:					
1. The information provided on this Certificate of Compliance is true a	The information provided on this Certificate of Compliance is true and correct.				
2. 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).					
3. The energy features and performance specifications, materials, con	ponents, and manufactured devices for the building design or system				
design identified on this Certificate of Compliance conform to the re	equirements of Title 24, Part 1 and Part 6 of the California Code of				
Regulations.					
4. The building design features or system design features identified or	h 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.					
5. I will ensure that a completed signed copy of this Certificate of Com	pliance 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 completed signed 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 COMPLIANCE – USER INSTRUCTIONS

#### A. General Information

01 Enter the project address.

02 Building Type: Select the building type from the available options

02 Type of Construction: Select the type of construction from the available options.

## **B. Solar Ready**

An applicant must show compliance with the Solar Ready Requirements through one of the following five options.

A. Allocated Solar Zone – A copy of the NRCC-SRA-02-E Minimum Solar Zone Area Worksheet must be submitted as a condition of final approval.

01 Enter the Minimum Solar Zone Area (ft<sup>2</sup>) calculated in the NRCC-SRA-02-E Minimum Solar Zone Area Worksheet.

02 Enter the Proposed Solar Zone Area (ft<sup>2</sup>) calculated in the NRCC-SRA-02-E Minimum Solar Zone Area Worksheet.

03 If the Proposed Solar Zone Area is greater than or equal to the Minimum Solar Zone Area and all requirements listed in Table A have been met, then the building complies.

B. Permanently Installed Solar Photovoltaic (PV) System

01 Enter the total roof area (ft<sup>2</sup>)

02 Calculate the Minimum Nameplate DC Power Rating of the PV system (Watts) by multiplying the total roof area (ft<sup>2</sup>) by 1 watt/ft<sup>2</sup>.

03 If the proposed PV system has a nameplate DC power rating that is greater than or equal to the Minimum DC Power Rating of the PV system, then building is exempt from the solar ready requirements. A NRCI-SPV-01-E Certificate of Installation: Solar Photovoltaic System that documents the PV system installation must be completed and submitted as a condition of final approval.

C. Permanently Installed Solar Water Heating System

01 Enter the Annual Solar Savings Fraction.

02 Enter how the Annual Solar Savings Fraction value was determined.

03 The building exempt from the Solar Ready requirements if the solar savings fraction is equal to or greater than 0.2 in climate zones 1 through 9 or 0.35 in climate zones 10 through 16. A NRCI-STH-01-E Certificate of Installation: Solar Water Heating System that documents the system installation must be completed and submitted as a condition of final approval.

D. Thermostats and High Efficacy Lighting

01 Please indicate whether the building is a high rise multifamily building with fewer than ten stories.

02 Please indicate whether all thermostats in dwelling units are Occupant Controlled Smart Thermostats.

03 Please indicate whether all installed luminaires be classified as high efficacy.

04 If all of the responses in D01 thru D03 are yes, then the building is exempt from the solar ready requirements.

E. Roof is designed for Vehicle Traffic or Parking or for Heliport

01 The applicant must indicate whether the roof has been designed to be used for vehicular traffic or a heliport.

02 If the building has been designed for vehicle traffic or for a heliport, please provide a building plan reference number.

03 The building is exempt from the solar ready requirements if the answer in E01 is yes and a building plan reference number is provided.