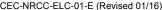
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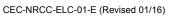
# **Electrical Power Distribution**

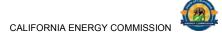




CEC-NRCC-ELC-01-E (Revised 01/16)							CALIFORNIA ENERGY	COMMISSION
CERTIFICATE OF COMPLIAN	ICE							NRCC-ELC-01-E
Electrical Power Distribution	n							(Page 1 of 6)
Project Name:						Date	Prepared:	
General Information								
					Climata 7		Canadistance deficient	
Project Address:					Climate Zone:		Conditioned Floor A	Area:
							Unconditioned Floo	or Area:
Building Type:	□ Nor	nresidential		High-Rise Res	idential		Hotel/Motel	
		ools		Relocatable P	ublic Schools			
Phase of Construction:	□ Nev	w Construction		Addition			Alteration	
In the table below identify all	applica	ble construction doc	ument	s that specify	the requirem	ents	for the scope of res	sponsibility
reported by this certificate. Us	se addit	tional pages as need	ed to li	st all constru	ction docume	nts r	elated to compliand	ce of Section 130.5.
								Indicate which
								subsection of
				/5 · · · ·				Section 130.5 is
				e / Descriptio		Do	ocument Sheet #	related to the
Document Number		(include descrip					or Page #	document (e.g.
		Schedule if it con	tains c	ompliance in	formation)		J	130.5(a) for
								service electrical
								metering)
								meter mg/

## **Electrical Power Distribution**





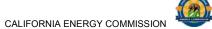
CERTIFICATE OF COMPLIANCE	NRCC-ELC-01-E
Electrical Power Distribution	(Page 2 of 6)
Project Name:	Date Prepared:

Document Number	Document Title / Descriptions (include description information for Table or Schedule if it contains compliance information)	Document Sheet # or Page #	Applicable subsection of Section 130.5

#### **Electrical Power Distribution**

CEC-NRCC-ELC-01-E (Revised 01/16)

A. Service Electrical Metering



CERTIFICATE OF COMPLIANCE	NRCC-ELC-01-E
Electrical Power Distribution	(Page 3 of 6)
Project Name:	Date Prepared:

Check one of the three boxes below if the electrical.  □ For newly installed electrical service in newly conclumn 1 thru 6 of table below.  □ For new or replacement electrical service equipment of the conclumn 1 thru 6 of table below.  □ EXCEPTION to Electrical Service Metering: Service kW demand and kWh for a utility-defined performant of the conclumn 1 thru 6 of table below.	onstructed bu oment in exist ice or feeder iod. Fill out C	ildings, Se ing buildin for which	rvice Ele gs, Serv the utili ? and 6	ectrical Meter vice Electrical ty company p of table below	Metering  movides a  w with the	quired according to Sec g is required according n metering system that the compliance informat	to Section 141.0(b)2Pi. t indicates instantaneous
Electrical Service Schedule	Electrical Service Rating			g Capabilities hat are prese		Exception to 130.5(a)	Field Inspector
01	02	03	04	05	06	07	08
Electrical Service Designation/Location/Description	kVA	Instantaneous (at the time) kW	Historical peak (kW)	Tracking kWh for a user- definable period	kWh per rate period	Utility metering system	Check that the metering complies
		0					

STATE OF CALIFORNIA

## **Electrical Power Distribution**

CEC-NRCC-ELC-01-E (Revised 01/16)



CEC-NRCC-ELC-01-E (Revised 01/16)	CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE	NRCC-ELC-01-E
Electrical Power Distribution	(Page 4 of 6)
Project Name:	Date Prepared:
B. Separation of Electrical Circuits for Electrical Energy Monitoring	
Check all boxes below if the electrical power distribution system is in compliance with Section 130	5(b).
☐ The electrical power distribution system meets the separation of electrical circuits for electrical	Lenergy monitoring requirement of Section

Check all boxes below if the electrical power distribut 130.5(b). The electrical power types according to TABLE 1  ☐ Describe the electrical power 130.5(b). Use the space below Manual Chapter 8.	r distribution system installed and the compliance method chosen in meet ow to include the information. Examples of compliance methods are deta	nitor the electrical en	ergy usage of load of Section
Fill out Column 1 thru 3 with the	compliance information.		
General information	Electrical Power Distribution System information and Method of compliance	Electrical Service Rating	Enforcement Agency
01	02	03	04
Electrical Service Designation/Location/Descrip tion	Describe the electrical power distribution system installed and the compliance method used.	kVA	Check that the system complies
Field Inspector Notes:			

C. Voltage Drop

## **Electrical Power Distribution**

CEC-NRCC-ELC-01-E (Revised 01/16)



**Enforcement Agency** 

CERTIFICATE OF COMPLIANCE	NRCC-ELC-01-E
Electrical Power Distribution	(Page 5 of 6)
Project Name:	Date Prepared:

Check all boxes below if the electrical power distribution system is in compliance with Section 130.5(c).	Check that the system complies	
☐ The electrical power distribution system meets the voltage drop requirement of Section 130.5(c). The maximum combined voltage drop on feeder conductors and branch circuit conductors to the farthest connected load or outlet, do not exceed 5%.		
□ Voltage drop calculation documents showing compliance to Section 130.5(c) are submitted as part of the compliance document submittal.		
<b>D. Circuit Controls for 120-Volt Receptacles and Controlled Receptacles</b> Check one or more boxes below for applicable requirements of Section 130.5(d) for the electrical power distribution system.	Field Inspector Cehck that the system complies	
□ The control is capable of automatically shutting OFF the controlled receptacles when the space is typically unoccupied, either at the receptacle or circuit level. For the automatic time switch control, it incorporates an override control that allows the controlled receptacle to remain ON for no more than 2 hours when an override is initiated and an automatic holiday "shut-OFF" feature that turns OFF all loads for at least 24 hours and then resumes the normally scheduled operation. Countdown timer switches are not be used to comply with the automatic time switch control requirements. The controls meet the requirement of Section 130.5(d)1.		
☐ There is at least one controlled receptacle within 6 ft from each uncontrolled receptacle. Where receptacles are installed in modular furniture in open office area, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d)2.		
☐ There are installed split wired receptacles with at least one controlled and one uncontrolled receptacle. Where receptacles are installed in modular furniture in open office area, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d)2.		
☐ Permanent and durable marking for controlled receptacles or circuits to differentiate them from uncontrolled receptacles or circuits is provided. The markings meet the requirement of Section 130.5(d)3.		
For hotel and motel guest rooms, there are controlled receptacles for at least one-half of the 120-volt receptacles in each guest room. Electric circuits serving controlled receptacles in guestrooms are installed to have captive key controls, occupancy sensing controls, or automatic controls so the power is switched off no longer than 30 minutes after the guest room has been vacated. The receptacles meet the requirement of Section 130.5(d)4.		
<ul> <li>□ Receptacles that are only for the following purposes are excepted from Section 130.5(d):         <ul> <li>Receptacles specifically for refrigerators and water dispensers in kitchen areas.</li> <li>Receptacles located a minimum of six ft above the floor that are specifically for clocks.</li> <li>Receptacles for network copiers, fax machines, A/V and data equipment other than personal computers in copy rooms.</li> <li>Receptacles on circuits rated more than 20 amperes.</li> <li>Receptacles connected to an uninterruptible power supply (UPS) that are intended to be in continuous use, 24 hours per day/365 days per year, and are marked to differentiate them from other uncontrolled receptacles or circuits.</li> </ul> </li> </ul>		

STATE OF CALIFORNIA

#### **Electrical Power Distribution**

CEC-NRCC-ELC-01-E (Revised 01/16)



CERTIFICATE OF COMPLIANCE	NRCC-ELC-01-E
Electrical Power Distribution	(Page 6 of 6)
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:			
DECOMPLE DEDOCATE DESCRIPTION OF A TENT				

#### 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 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, 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.
- 4. 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.
- 5. I will ensure that a completed signed 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 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: