ELECTRIC POWER DISTRIBUTION

CALIFORNIA ENERGY COMMISSION

CEC-LMCI-ELC-E

CERTIFICATE OF INSTALLATION

This Certificate of Installation documents the installation of electrical power distribution system features, materials, components, and manufactured devices required to demonstrate compliance with Title 24, Part 6 per §10-103(a)3 for low-rise residential and low-rise mixed-use occupancies.

Project Name:	Enforcement Agency:
Dwelling Address:	Permit Number:
City and Zip Code:	Permit Application Date:

A. GENERAL INFORMATION

01	Project Location (city):		05	Authority Having Jurisdiction:	
02	Zip Code:		06	Building Permit #:	
03	Date of Permit Set used for construction:		07	Date of As-built Set:	
04	Name of Permit Set used for construction:		08	Name of As-built Set:	

B. INSTALLER SCOPE

This table indicates the construction systems and materials documented on this Certificate of Installation.

01			
☐	Electric Service Meter(s)	☐	Voltage Drop to feeders
☐	Separation of load downstream of meter(s)	☐	Voltage Drop to branch circuits
☐	120V Receptacle (Outlet) Control(s)		

C. COMPLIANCE RESULTS

This table indicates whether the as-built conditions documented in this form are equal or better than what was documented on the permitted Certificate of Compliance. If the installation is not equal or better, Section 10-103(a)2B requires the Certificate of Compliance form to be revised accordingly to demonstrate compliance.

01	**INSTALLED FEATURES EXACTLY MATCH DESIGN ON PERMITTED CERTIFICATE OF COMPLIANCE**
Documented as-built conditions should be verified by inspector from Authority Having Jurisdiction to comply.	

The Certificate of Compliance should be revised to confirm as-built conditions comply and this Certificate of Installation updated accordingly.

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of field conditions noted by the installer that may impact requirements documented on the Certificate of Compliance.

E. INSTALLER NOTES

This table includes remarks made by the installer to the Authority Having Jurisdiction.

F. INSTALLATION DETAILS

The following tables indicate performance requirements as documented on the permitted Certificate of Compliance for all systems and components included in Table B. Installer Scope. Also indicated are the as-built conditions documented by the installer/ documentation author.

Service Electrical Metering

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Rating (kVA)	Required Metering Capabilities				Metering Compliance
		Instantaneous Demand (kW)	Historical Peak Demand (kW)	Tracking kWh for user-defined period	kWh per rate period	
Per C of C						
As-built Conditions						

[1] FOOTNOTES: Service is defined as "the conductors and equipment for delivering electric energy from the serving utility to the wiring system of the premise served" in §100.1 of the Energy Standards. 'Electrical Services' applies to the building service-entrance rating or to the submetering service. For a building with submetering, this applies to the submetering service size to the common use areas.

[2] Feeder is defined as "all circuit conductors between the service equipment, the source of a separately derived system, or other power supply source and the final branch-circuit overcurrent device," in Article 100 of the California Electrical Code.

Separation of Electrical Circuits for Energy Monitoring

Submetered electrical power distribution systems that provide power to dwelling units/common living areas only in multifamily occupancies do not need to be included.

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Electrical Service Designation/ Description:

01	02	03	04
Load Type[1]	Minimum Required Separation of Load	Separation Method [2]	Compliance
Per C of C			
As-built Conditions			

Feeder and Branch Circuit Conductor Voltage Drop

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Voltage Drop Calculations	Voltage Drop to the Feeder(s) (%)	Voltage Drop After the Feeder(s) (%)	Total Voltage Drop (%)	Voltage Drop Compliance
Per C of C						
As-built Conditions						

Circuit Controls and Controlled Receptacles

01	02	03	04	05	06
Room Name or Description	Location/ Type of Controlled Receptacles [1]	Shut-Off Controls	Demand Response Controls	Permanent Durable Marking is Used	Compliance
Per C of C					
As-built Conditions					

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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

2. I certify the following under penalty of perjury, under the laws of the State of California:
    1. The information provided on this Certificate of Installation is true and correct.
    2. 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.
    3. 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.
    4. I understand 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, and I will take the necessary steps to ensure this requirement is accomplished.
    5. 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, and I will take the necessary steps to ensure this requirement is accomplished.

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:

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300

Registration Number: Registration Date/Time: HERS Provider:

A. General Information

1. Enter the City the project is located in.
2. Enter the zip code.
3. Enter the Date of Permit Set used for construction.
4. Enter the Name of Permit Set used for construction.
5. Enter the Authority Having Jurisdiction.
6. Enter the Building Permit #.
7. Enter the Date of As-Built Set.
8. Enter the Name of As-Built Set.

B. Project Scope

1. Select all applicable construction systems and materials documented.

C. Compliance Results

1. This table is automatically filled with uneditable comments based on data entered in Section F.

D. Exceptional Conditions

1. This table is auto filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. Additional Remarks

1. Enter any notes or comments for the AHJ.

F. Installation Details

Service Electrical Metering

1. This field is filled out automatically.
2. Enter the Rating (kVA).
3. Instantaneous Demand (kW): Select from dropdown.
4. Historical Peak Demand (kW): Select from dropdown.
5. Tracking kWh for user-defined period: Select from dropdown.
6. kWh per rate period: Select from dropdown.
7. This field is filled out automatically.

Separation of Electrical Circuits for Energy Monitoring

1. This field is filled out automatically.
2. This field is filled out automatically.
3. Separation Method: Select from Dropdown.
4. This field is filled out automatically.

Feeder and Branch Circuit Conductor Voltage Drop

1. This field is filled out automatically.

2. Combined Voltage Drop. Conductors Compliance Method: Select from Dropdown.
3. Voltage Drop Calculations: Select from Dropdown.
4. Voltage Drop to the Feeder(s) %: Select from Dropdown.
5. Voltage Drop After the Feeder(s) %: Select from Dropdown.
6. This field is filled out automatically.
7. This field is filled out automatically.

Circuit Controls and Controlled Receptacles

1. This field is filled out automatically.
2. Location/type of controlled receptacles: Select from Dropdown.
3. Shut-off Controls: Select from Dropdown.
4. Demand Response Controls: Select from Dropdown.
5. Permanent Durable Marking is Used: Select from Dropdown.
6. This field is filled out automatically.

Documentation Declaration Statements

1. The person who prepared the LMCI will sign and complete the fields for their name, company (if applicable), address, phone number, certification information (if applicable), date and signature.
2. The person who is assuming responsibility for the project being built to comply with Title 24, Part 6, will complete the fields for their name, company (if applicable), address, phone number, license number (if applicable), date and signature.