



Residential Solar Equipment Certification

Instructions: Certification for the code-compliant design of roof solar panels, energy storage system (if applicable) and supporting wiring and equipment can be accepted in lieu of a building plan review for qualifying work; reviews by other city agencies may still be required. Submit a completed copy of this form with your permit application.

Complete the information below. Failure to fully complete this form will result in a delay in permit issuance.

PROJECT INFORMATION

Project Address: _____

Contact Name: _____

Telephone: _____ Email: _____

Edition of the Commerce City Building Code (YYYY): _____ Edition of the National Electrical Code (YYYY): _____

EQUIPMENT AND ROOF INFORMATION

Mounting Manufacturer: _____

PV Module Product Name: _____

Model Number: _____ Number of Modules: _____ Total Power: _____

Roof Construction: Rafters Trusses Other: _____

ACKNOWLEDGEMENT

I hereby certify that:

- The electrical-related installation for this project will be in accordance with Articles 690.41 through 690.49 as well as other application articles of the National Electrical Code.
- The mounting structure is an engineered product designed and listed by an approved listing agency.
- The existing roof structure has been analyzed using local design criteria to ensure it has sufficient structural capacity without modifications to support the installed equipment or is no more than 5 percent overstressed.
- There will be less than 10 inches between the roof surface and the bottom of the panels.
- The modules rail system will be installed in accordance with the manufacturer's installation instructions and the International Residential Code with rail-to-structural fasteners not less than 5/16-inch by 4-inch lag screws with a minimum of 2 inches of penetration into the roof superstructure spaced at a maximum of 48 inches on center.
- A minimum clear path of 36 inches will be provided to all rooftop equipment.
- The local utility will be contacted for utility-interactive requirements.

Electrical Designer:

Name: _____ Date: _____

Signature: _____

License Number (if applicable): _____ Issuer: _____

Structural Designer:

Name: _____ Date: _____

Signature: _____

License Number (if applicable): _____ Issuer: _____