



Solar PV Checklist – For Expedited Review for One- and Two-Family Dwellings

REQUIRED ELIGIBILITY CHECKLIST FOR EXPEDITED ROOFTOP RESIDENTIAL SOLAR FOR 10KW OR LESS (as of 11/1/19)

REDDING ELECTRIC UTILITY REQUIREMENTS for all system sizes Residential and Commercial

Customer Name:	Address:	Utility Account Number:
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- A. Interconnection Agreement [2 Originals (all pages), completed and signed in ink by customer – no electronic signatures will be accepted] Yes No
- B. Completed Solar PV Information Sheet Yes No
- C. Energy Calculation Forms ECON-1 and ECON-2 (New construction only) Yes No
- D. Copy of signed and dated project contract with all equipment specifications and cost Yes No
- E. Provide one-line or three-line electrical drawing Yes No
- F. Site map drawn to scale (minimum 1:20), arrow indicating true north, roof plans showing module locations and layout (note array azimuth orientation and tilt), required Fire Department setbacks. Show main service location, A/C disconnect, inverter, combiners, and all equipment for the system and locations for the equipment. Yes No
- G. Provide equipment cut-sheets Yes No

The above information must be provided to and approved by Redding Electric Utility prior to submitting for a Building Permit for all installations regardless of system size.

Any alterations to PV system size must have prior approval by REU before submitting changes to the City of Redding Building Division.

Solar PV generator number issued by Redding Electric Utility. Gen # _____

The criterion below is intended for an expedited solar permitting process. If any items are checked NO, revise design to fit within Eligibility Checklist, otherwise permit application WILL go through our standard process.

GENERAL REQUIREMENTS

- A. System size is 10 kW AC CEC rating or less. Yes No
- B. The solar array is roof-mounted on **permitted** one- or two-family dwelling built after 1970 or **permitted** accessory structure serving such dwelling(s) with **permitted** electrical services. Yes No
- C. The solar panel/module arrays will not exceed the maximum legal building height. Yes No
- D. Solar system is utility interactive and without battery storage. Yes No
- E. Permit application is completed and attached if submitting in the office (over the counter). Note: If submitting in the office two (2) sets of plans are included that are of 11 X 17 minimum size. Plans shall include a site map drawn to scale (minimum 1:20), arrow indicating true north, roof plans showing module locations and layout, required Fire Department setbacks. Show main service location, A/C disconnect, inverter, combiners, and all equipment for the system and locations for the equipment. For further information on solar, go online to: <http://www.cityofredding.org/departments/development-services/building/building-handouts> Yes No
- F. Provide manufacturer’s installation and grounding instructions for modules. Yes No
- G. Provide manufacturer’s specification (cut sheets) for all components, but not limited to: 1. Modules 2. Inverter 3. Micro-inverter 4. Power Optimizers 5. Mounting/racking systems Yes No

ELECTRICAL REQUIREMENTS

- A. No more than four photovoltaic module strings are connected to each Maximum PowerPoint Tracking (MPPT) input where source circuit fusing is included in the inverter Yes No
 - 1. No more than two strings per MPPT input where source circuit fusing is not included Yes No
 - 2. Fuses (if needed) are rated to the series fuse rating of the PV module Yes No
 - 3. No more than one non inverter-integrated DC combiner is utilized per inverter Yes No
- B. For central inverter systems: No more than two inverters are utilized. Yes No
- C. The PV system is interconnected to a single-phase AC service panel of nominal 120/220 Vac with a buss bar rating of 225 A or less. Yes No
- D. The PV system is connected to the load side of the utility distribution equipment. Yes No
- E. One-line or three line electrical drawings. Yes No
- F. Electrical system string calculations. Yes No
- G. Have PV system breaker connected to bussing at opposite end of utility feed. Yes No
- H. Show REU required A/C disconnect within 10' of meter and within sight of meter. Yes No

STRUCTURAL REQUIREMENTS

- A. Roof mounted system with engineered trusses at max. 24" o.c. Yes No
- B. Provide dimensioned rack and anchor layout with attachment points at max.4' spacing, staggered, so each truss receives load evenly. Yes No
- C. Modules and racking is listed as a Class A roofing assembly if located in a high fire hazard area. Yes No



777 Cypress Ave.
Redding CA 96001
(530) 225-4013 – Fax (530) 225-4360

BUILDING PERMIT APPLICATION

DATE: _____

PERMIT NUMBER: _____ PLAN CHECK NO: _____

PROJECT ADDRESS: _____ ASSESSOR'S PARCEL NO: _____

CONTACT NAME: _____ CONTACT PHONE: _____

EMAIL : _____ INSPECTION RESULT CONTACT EMAIL: _____

PROPERTY OWNER TENANT

NAME: _____

MAILING ADDRESS: _____

CITY, STATE, ZIP: _____

PHONE: _____

EMAIL: _____

DESIGNER ARCHITECT ENGINEER

NAME: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

PHONE: _____

EMAIL: _____

CONTRACTOR

NAME: _____

COMPANY NAME: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

PHONE: _____

EMAIL: _____

STATE LICENSE NO: _____ LICENSE CLASS: _____

CITY BUSINESS LICENSE: _____

RESIDENTIAL

- ACCESSORY BUILDING
- ADDITION
- DEMOLITION
- HVAC CHANGEOUT
- MANUFACTURED HOME
- MASTER PLAN - CLONE
- MISC. STRUCTURES
- MULTI FAMILY (3 & 4 UNITS)
- PHOTOVOLTAIC
- PHOTOVOLTAIC RE-INSTALL
- PLAN CHANGE
- REMODEL/REPAIR
- REMODEL/REPAIR (EXPRESS)
- REROOF
- REROOF (SELF CERTIFICATION)
- SERVICE CHANGE
- SINGLE FAMILY (ENGINEERED)
- SINGLE FAMILY
- SWIMMING POOL
- WATER HEATER

COMMERCIAL

- ADDITION
- COMMERCIAL COACH
- DEMOLITION
- HOLIDAY SALES LOT
- HVAC CHANGEOUT
- INTERAGENCY
- MISC. STRUCTURES
- MULTI FAMILY (>THAN 4 UNITS)
- NEW BUILDING
- PHOTOVOLTAIC
- PLAN CHANGE
- REMODEL/REPAIR
- REMODEL/REPAIR (EXPRESS)
- REROOF
- SERVICE CHANGE
- SHELL
- SITE
- SWIMMING POOL
- TENANT IMPROVEMENT
- WATER HEATER

DESCRIPTION OF WORK: _____

VALUE (INCLUDE ALL LABOR AND MATERIALS) \$ _____ CONSTRUCTION TYPE: _____ OCCUPANCY: _____

TEMP POWER POLE? YES NO

WATER METER? SIZE _____

STORMWATER 1 2

BY MY SIGNATURE BELOW, I CERTIFY TO EACH OF THE FOLLOWING STATEMENTS:

I am the property owner, contractor, or authorized agent to act on the property owner's or contractor's behalf. I have read this application and the information I have provided is correct. I agree to comply with all applicable City and County ordinances, rules, regulations, and State laws relating to building construction, and with any and all conditions of permit. I agree to defend, indemnify, and hold harmless the City of Redding, its officers, agents, and employees from any and all claims and liability for personal injury, including death, and property damage caused by, arising out of, or in any way connected with the issuance of this permit. I hereby acknowledge that issuance of this permit does not authorize the use or occupancy of any sidewalk, or street. I authorize representatives of the City of Redding to enter the above mentioned property for inspection purposes.

This permit expires if the building or work authorized herein is not commenced within 180 days or abandoned. After expiration, this permit must be renewed before the work may be commenced again. I authorize City representatives to enter the premises during normal business hours as may be necessary to perform the duties imposed by the California Building Standards Code. I agree to comply with all City of Redding ordinances, State, and Federal laws relating to building construction.

Print Name: _____ OWNER CONTRACTOR AUTHORIZED AGENT APPLICANT

**Authorized Agent's signature requires separate authorization form.*

Contractor, Property Owner, Or Authorized Agent's Signature: _____ Date: _____

Identify the Construction Lending Agency

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (3097 Civil Code).

Lender's Name: _____

Mailing Address: _____ City/State/Zip: _____

Owner/Builder Declaration

I hereby affirm under penalty of perjury that I am exempt from the Contractors State License Law for the following reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Sec.7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors State License Law [Chapter 9 {commencing with Section 7000} of Division 3 of the Business and Professions Code] or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars [\$500]).

I, as owner of the property, or my employees with wages as their sole compensation, will do ALL or PORTIONS of the work, and the structure is not intended or offered for sale. (Section 7044, Business and Professions Code: The Contractors State License Law does not apply to an owner of the property, who through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code: The Contractors State License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a licensed Contractor pursuant to the Contractors State License Law).

I am exempt from licensure under the Contractors State License Law for the following reason: _____

By my signature below, I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: <http://www.legalinfo.ca.gov/calaw.html>

Property Owner or Authorized Agent's Signature: _____ Date: _____

*Owner/Builders must complete the Owner/Builder form.

California Licensed Contractors Declaration

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

CA Contractors License Number: _____ Class: _____ Expiration Date: _____

Contractor Signature: _____ Date: _____

Workers' Compensation Declaration

WARNING: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars (\$100,000). In addition to the cost of compensation, damages as provided for in Section 3706 for the Labor Code, interest, and attorney's fees, I hereby affirm under penalty of perjury **one** of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. Policy No: _____

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are: Carrier: _____ Policy No: _____

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Contractor, Property Owner, or Authorized Agent's Signature: _____ Date: _____