



APPLICATION FOR SOLAR FACILITIES AND SELF CERTIFICATION CHECKLIST

Project Address: _____ APN: _____ - _____ - _____
Owner's Name: _____ Applicant's Name: _____
Owner's Address: _____ Applicant's Address: _____
Phone Number: _____ Phone Number: _____
Contractor's License Number: _____ Number of Stories & Number of Units in Structure: _____
Use of Structure is (check one): Residential Commercial Industrial Other (_____)

1. DEFINITION OF SOLAR ENERGY SYSTEM

Solar energy systems are any solar collector, solar energy device, or structural design whose primary purpose is to provide for the collection, storage, and distribution of solar energy for space heating, space cooling, electric generation, or water heating.

2. SUBMITTAL REQUIREMENTS - SITE PLANS AND FRAMING DETAILS

2.A. Site Plans

Submit site plans to scale showing the entire property, all existing structures on the property, dimensions, and the proposed solar energy systems relative to the property lines and the existing structures on the property. Illustrate the dimensions of the building and distance from the property line. Illustrate the solar energy systems from the building edge.

2.B. Roof Plan

Submit roof plans showing the entire roof with the solar energy systems. Clearly indicate code-required fire access paths, including clearances at roof ridges, width of solar array, module layout(s), and roof attachment locations.

2.C. Framing Details

If the solar energy system is to be mounted on a building wall or on the roof of a building, submit the framing details showing the existing wall or roof that the solar energy system is to be mounted on, and mounting details showing the method of attachment, including anchor type, diameter, spacing, and embedded depth into the framing. If the solar energy system is ground-mounted, also submit foundation plans and details.

2.D. Structural Calculations (Required for Ballasted, Ground-Mounted, or Elevated Systems)

Provide structural calculations for ballasted systems, ground-mounted systems, and any system elevated more than 24" above the roof. The design engineer needs to stamp and sign the structural calculations and plans.

3. MOUNTING SYSTEM INFORMATION

For manufactured mounting systems, fill out information on the mounting system below:

a. Mounting System Manufacturer: _____ Product Name and Model #: _____

b. Total Weight of PV Modules and Rails: _____ lbs

SELF-CERTIFICATION CHECKLIST FOR RENEWABLE ENERGY PRODUCTION FACILITIES *(continued)*
Ordinance No. 12327, C.M.S., May 22, 2001

- c. Total Number of Attachment Points: _____
- d. Weight per Attachment Point (b÷c): _____ **lbs** *(if greater than 45 lbs, see WKS1)*
- e. Maximum Spacing Between Attachment Points on a Rail: _____ inches *(see product manual for maximum spacing allowed based on maximum design wind speed)*
- f. Total Surface Area of PV Modules (square feet) _____ **ft²**
- g. Distributed Weight of PV Module on Roof (b÷f) _____ **lbs/ft²**
If distributed weight of the PV system is greater than 5 lbs/ft2, see WKS1.

4. PERFORMANCE STANDARDS

The solar energy system must comply with the noise level standards listed in Section 17.120.050 of the Oakland Planning Code.

5. SELF CERTIFICATION

	YES	NO	N/A
a. This application to install a solar energy system must be designed to mitigate the specific, adverse impact upon the public health and safety at the lowest cost possible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. This solar energy system shall meet the applicable health and safety standards and Requirements imposed by state and local permitting authorities (e.g. Solar Guidelines by State Fire Marshal).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. This solar energy system for heating water shall be certified by the Solar Rating Certification Corporation (SRCC) or other nationally recognized agency. SRCC is a non-profit third party supported by the United States Department of energy. The certification shall be for the entire solar energy system and installation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. A solar energy system for producing electricity shall meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers, and accredited testing laboratories such as Underwriters Laboratories and where applicable, rules of the Public Utilities Commission regarding safety and reliability. A feasible method to satisfactorily mitigate or avoid the specific, adverse “impact” includes, But is not limited to, any cost effective method, condition, or mitigation imposed by a City of Oakland or county on another similarly situated application in a prior successful application for a permit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I HEREBY CERTIFY THAT ALL THE INFORMATION PROVIDED ABOVE IS TRUE AND CORRECT.

Applicant or Property Owner’s Signature: _____ Date: _____

REFERENCES: CALIFORNIA CIVIL CODE 801.5 CALIFORNIA HEALTH AND SAFETY CODE 17959.1