



**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.

The City of Oakland has worked closely with the East Bay Green Corridor to standardize and streamline permitting for solar facilities in the nine member east bay cities. The City of Oakland will accept the submittal of the standard plans and checklists from the East Bay Green Corridor in lieu of completing Sections 2 and 3 below. East Bay Green Corridor forms can be found at:

**2. SUBMITTAL REQUIREMENTS - SITE PLANS AND FRAMING DETAILS**

**2.A. Site Plans**

Submit three sets of 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 three sets of roof plans showing the entire roof with the solar energy systems. Labels materials of roof, and whether it has a single roof covering. Provide method and type of weatherproofing any roof penetrations (e.g. flashing caulk).

**2.C. Photos**

Submit photos of the roof.

**2.D. Framing Details**

If the solar energy system is to be mounted on a building wall or on the roof of a building, submit three sets of 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. If the solar energy system is freestanding, submit three sets of foundation and framing details.

**2.E. Structural Plans**

Submit three sets of structural plans demonstrating the structural roof capacity (roof load), and engineering calculations.

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

**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**
- 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) \_\_\_\_\_ **ft<sup>2</sup>**
- g. Distributed Weight of PV Module on Roof (b÷f) \_\_\_\_\_ **lbs/ft<sup>2</sup>**  
*If distributed weight of the PV system is greater than 5 lbs/ft<sup>2</sup>, 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**

	<b>YES</b>	<b>NO</b>	<b>N/A</b>
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**