City of El Centro
Building and Safety/Code Enforcement Division

Small Residential Rooftop Solar Energy System Checklist
PROJECT ADDRESS:_____

This checklist is designed to assist the applicant in assuring that all the information required to qualify for the expedited process are provided. All items listed must be checked **"YES"** or **"N/A"** ("N/A" where option is available only) to qualify for the expedited plan review and permit issuance.

I. General Requirements

	YES	NO	N/A
All required information on the Permit application is completed	☐	☐	
The PV system size is 10 kW CEC-AC rating or less	☐	☐	
The PV system is roof-mounted on a one-or two-family dwelling or accessory structure	☐	☐	
The PV system is utility interactive and without battery storage	☐	☐	

II. Electrical Requirements

No more than four (4) PV module strings are connected to each Maximum Power Point Tracking (MPPT) input where source circuit fusing is included in the inverter	☐	☐	
1. No more than two strings per MPPT input where source circuit fusing is not included	☐	☐	☐
2. Fuses (if needed) are rated to the series fuse rating of the PV module	☐	☐	☐
3. No more than one non-inverter-integrated DC combiner is utilized per inverter	☐	☐	☐
For central inverter systems: No more than two inverters are utilized	☐	☐	☐
The PV system is interconnected to a single-phase AC service panel of nominal 120/240 VAC with a bus bar rating of 225 AMPs or less	☐	☐	
The PV system is connected to the load side of the utility distribution equipment	☐	☐	
Existing electrical loads are detailed on plan OR provide load calculations from a licensed electrical engineer.	☐	☐	☐

III. Structural Requirements

Existing roof assembly consists of a pre-engineered truss system Note: No structural analysis report required	☐	☐	☐
Existing roof assembly consists of a hand-cut-roof system and a structural analysis report is attached (Report is mandatory).	☐	☐	☐
The manufacture's specification for all attachment devises are shown on the plans	☐	☐	

IV. Fire Safety Requirements

A diagram showing the clear access pathways in compliance with sections CRC 331 and CFC 605.11 are shown on the plans	☐	☐	
All required markings and labels as required by CEC, Article 690, are shown on the plans	☐	☐	
A diagram of the roof layout of all panels, modules, and approximate locations of electrical disconnecting means and roof access points is shown on the plans	☐	☐	
System diagram will be placed at the main panel	☐	☐	