CITY OF PIEDMONT

PV SOLAR INSTALLATION COMPLIANCE AFFIDAVIT

SUBMIT AT FINAL INSPECTION

Property Address: _____ Building Permit No. _____

Applicant shall have approved set of plans on site at the time of inspection

All code references are to the 2016 California Electrical Code (CEC) and the 2016 California Residential Code (CRC).

Please initial all applicable items. ***Indicate "N/A" for non-applicable items.***

ARRAY INSTALLATION:

_____ Number of PV modules and model number matches approved plans and spec sheets. (CEC 690.4-(b), R907.5) (Photo may be taken of the PV module label and supplied at the time of inspection.)

_____ Array laid out per approved plans with 3 ft clear space at ridges and 3 ft access path to ridge from eave. If modules are placed on both sides of a hip or valley, there is a 1.5 ft clear space on each side of the hip or valley (CRC R324.7, R324.7.2.3, R324.7.2.4)

_____ Wire management**:** Array conductors are neatly and professionally held in place. (CEC 110.12, 334.30)

_____ PV array is properly grounded. (CEC 690.43, 690.47)

_____ Electrical boxes are accessible and connections suitable for environment. (CEC 110.11, 314.29)

_____ Array fastened and sealed according to attachment detail. (CRC R106.4, R907.4)

_____ Conductors properly rated and sized. (CEC 690.8)

_____ Disconnect wired as per manufacturers instructions for 600Vdc rating. (CEC 110.3 - (B)) (i.e. many 600Vdc switches require passing through the switch poles twice in a specific way).

_____ AC disconnect installed at the inverter location. (CEC 690.15)

_____ Rapid Shutdown System installed if conductors run more than 10 ft from the PV array. (CEC 690.12)

APPROPRIATE SIGNS INSTALLED:

_____ Signs constructed of weather resistant materials. Layout and lettering as per approved plans and spec sheets. (CEC 690.31.(G) (1)))

_____ All interior and exterior dc conduits, raceways and cable assemblies marked every 10 ft and within 1 ft of turns and penetrations. (CEC690.31 (G) (4) (5))

_____ Sign identifying PV power source system attributes at dc disconnect. (CEC 690.53)

_____ Sign identifying ac point of connection. (CEC 705.12,690.54,690.64)

_____ Sign identifying switch for alternative power system. (CEC 690.5 – (C))

_____ Sign identifying rapid shutdown system. (CEC 690.5 – (B))

EQUIPMENT RATINGS ARE CONSISTENT WITH APPLICATION AND SIGNS:

_____ Inverter has a rating as high as max voltage on PV Power Source sign. (CEC 690.7, 690.8)

_____ DC-side OCPDs are dc rated at least as high as max voltage on sign. (CEC 110.3 – (B), 690.9)

_____ Switches and OCPDs are installed according to manufacturer's specifications. (CEC 110.3 – (B))

_____ Inverter is rated for the site ac voltage supplied and shown on the ac point of connection sign. (CEC 110.3 – (B), 690.7)

_____ OCPD connected to the ac output of the inverter is rated at least 125% of maximum current on sign, and is no larger than the maximum OCPD on the inverter listing label. (CEC 690.8 – (B) – (1))

_____ Sum of the main OCPD and the inverter OCPD is rated for not more than 120% of the busbar rating. (CEC 690.64 – (B) – (2), 705.12 – (D) – (2))

CERTIFICATION:

As the installing contractor, I hereby certify that I have installed the PV solar system in accordance with the manufacturer's instructions and in compliance with the California Residential Code, and the California Electrical Code, as amended by the City of Piedmont, and that I have verified that the above initialed items have been properly executed.

I declare under penalty of perjury that the foregoing is true and correct, and that this declaration was executed on (date) _____ at Piedmont, California.

Contractor Company (printed/typed): _____

Contractor's Name (printed/typed): _____

Signature of Contractor: _____

The certification must be returned to the City of Piedmont building inspector prior to or at final inspection approval of the building permit.
The installer is responsible for complying with all relevant code and other requirements. This document does not necessarily provide an exhaustive list of applicable requirements *REV 2/6/17*