Roof Top PV Building/Structural Requirements Checklist

Job Address

City | State | Zip Code

Contractor's Name | Contractor License Number

Contractor's e-mail

Contractor's License Type ☐ State Certified Solar Contractor ☐ State Licensed Electrical Contractor

Please note that the Licensed Solar Installer shall comply with the requirements of the Authority Having Jurisdiction (AHJ) and use properly licensed subcontractors for work in conjunction with the PV installation that exceeds the scope of their license.

Is the PV Array to be installed on defined, permitted roof structure? ◯ Yes ◯ No

Does the PV Array comply with all requirements of the Florida Building Code for applicable fire ratings? ◯ Yes ◯ No

Does the PV system design and installation comply with all of the the requirements of the 2014 version of the NEC Article 690 ? ◯ Yes ◯ No

Are the PV modules and required components listed and labeled per the requirements of UL 1703? ◯ Yes ◯ No

Will the PV modules and required components listed be installed in accordance with the manufacturer's installation requirements? ◯ Yes ◯ No

Does the PV system, & it's components have a Florida Solar Energy Center System Certification ? ◯ Yes ◯ No

Or has a FL. Licensed Engineer, per Fl. Statue 377.705 certified that the PV electrical system & its components are designed per the Codes & Standards found in the most recent version of the FBC? ◯ Yes ◯ No

Roofing Assembly Information

Roof Slope (in/ft.) | Roof Mean Height (ft.)

Roof Type | Roof Deck 1

Wood Structural Member Type ☐ Trusses ☐ Rafters

Wood Structural Member Size

Are the supporting wood structural members spaced a maximum of 2 feet on center? ◯ Yes ◯ No

Roof Top Location of the PV Array

Is the PV Array installed in Zone P(1) Field of the roof? ◯ Yes ◯ No

Will this PV Array also be installed if Zone P(2) Perimeter of the roof? ◯ Yes ◯ No

Zone P(2) Perimeter width a' _____ ft.

Calculated roof uplift pressures per ASCE-7 *(use asd pressures)*

Zone P(1) Field psf _____ Zone P(2) Perimeter psf _____

1

1

Optional Prescriptive roof uplift pressures are listed in RAS-127 Test Protocols for High Velocity Hurricane Zones. for Roof Slopes >2:12 to ≤ 6:12

PV Array Information

PV Panel Make/Module Type _____

PV Module Uplift Pressure Rating (psf) _____

Design Wind Speed (Velocity in mph) _____

Exposure Category (in HVHZ default is C) _____

Is the PV Array Installed Parallel to the Roof Surface? ◯ Yes ◯ No

PV Module Orientation ☐ Portrait ☐ Landscape

PV Array Height Above Finished Roof 10

PV Module Size {l x w} (in.) _____

Total # of Installed Modules _____

Area of Installed Modules ($ft.^2$) _____

PV Rack System Manufacturer _____

Rack Model # _____

# of Installed Rails in the Field of the Roof _____

# of Installed Rails in the Perimeter of the Roof _____

PV Attachment Mount Type and/or Manufacturer _____

Roof Mount Fastener Type Select Fastener Type

Provide # of Fasteners Per Mount

Roof Mount Height _____

Reset Form Print Form