

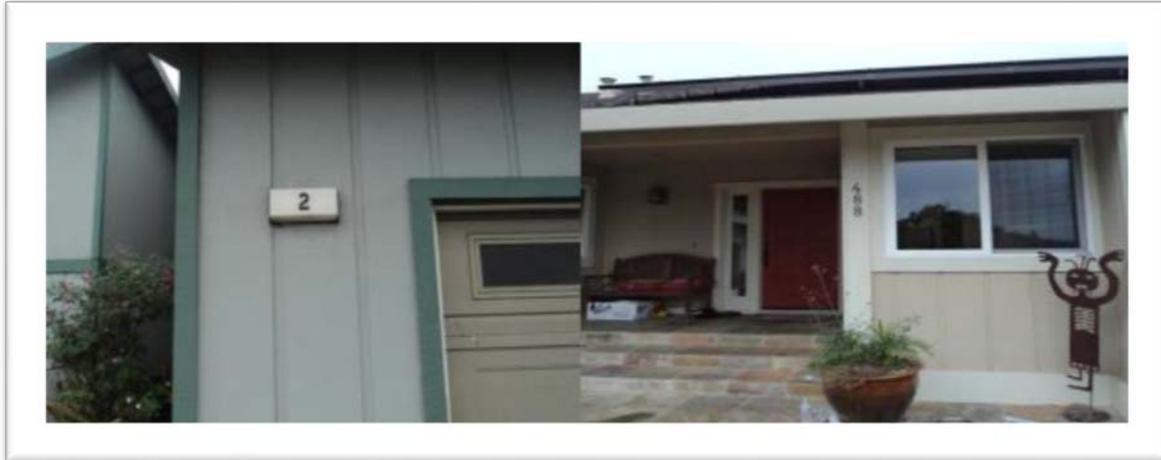
REQUIRED CONSTRUCTION PHOTOS

NY-Sun Incentive Program



OVERVIEW PHOTOS:

1. **Home Address Verification** – Must show street number and be taken from a street view.



2. **South Facing Horizon** – View of horizon facing South, taken from the array.

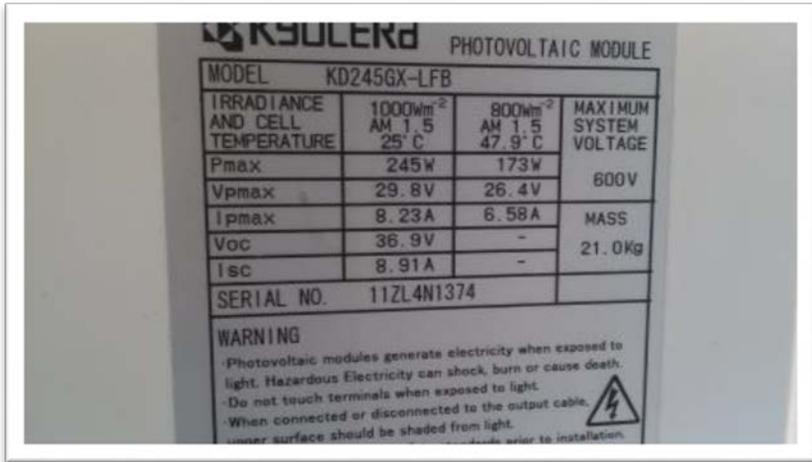


GENERAL ARRAY PHOTOS:

3. **Pull Back Image of Array** – Pull back photo of each array in system so that panel count can be verified. If more than one array comprises the system, please provide pull back photo of each array.



4. **Module Label Documentation** – Close up of module label, including make, model, serial number and Wattage. If multiple module models are used, please include a photo of each model used.



ARRAY RACKING PHOTOS:

5. **Module Racking System Documentation** – Photo demonstrating racking system used. If multiple arrays comprise the system, please provide a photo showing racking system of each array.



6. **Racking Roof Mounting System Documentation** – Photo demonstrating how racking system is mounted to the roof plane. If multiple arrays comprise the system, please provide a photo showing racking system mounting and anchors of each array.



7. **Racking End Clip Documentation** – Photo demonstrating that racking system includes end clips.

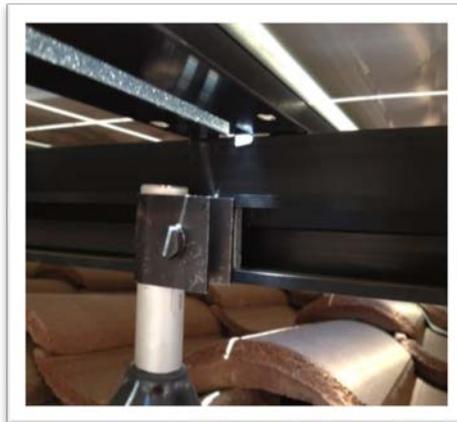


8. **Racking System Grounding** – Photo demonstrating the rail-grounding mechanism bonding rails north/south as well as across rail split.

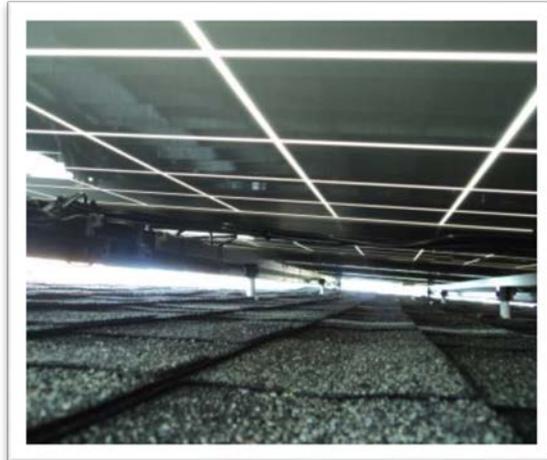


MODULE INSTALLATION PHOTOS:

9. **Module Grounding** – Photo demonstrating the module grounding method.



10. **Wire Management of Modules** – Photo demonstrating the wire management of the modules.



CONDUCTOR AND CONDUIT PHOTOS:

11. **Conductor Support and Management** – Photo demonstrating the wire management of the modules.

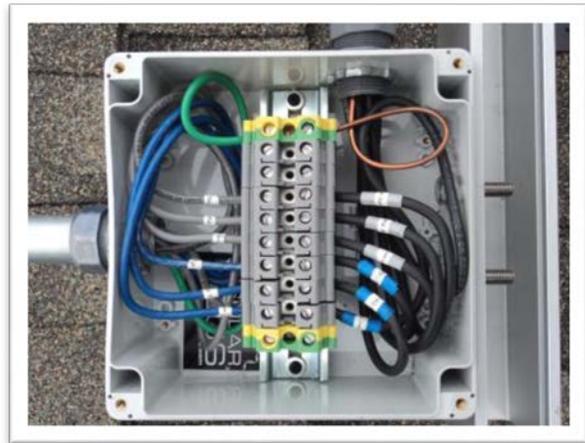


12. **Conduit Roof Top Penetrations** – Photo demonstrating the penetrations of any conduit supports.



JUNCTION/ COMBINER BOX PHOTOS:

13. **Junction/ Combiner Box** –Junction/combiner box with the lid opened showing grounding and all conductors entering/exiting the box, and demonstrating strain relief

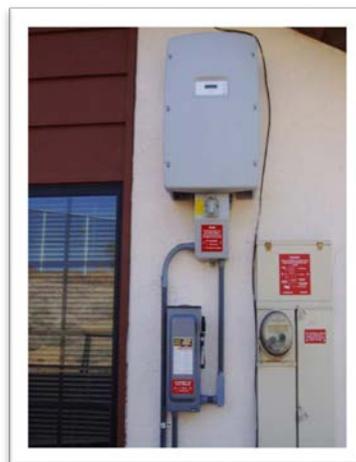


14. **Junction/ Combiner Box Mounting Method and Label** Overview photo showing exterior of box and method of support/ attachment and required labeling.



INVERTER PHOTOS:

15. **Inverter Outside View with lid on** –Photo demonstrating inverter box and labeling



16. **Inverter Internal Photo** – Inverter with cover off showing wiring and grounding



17. **Inverter Label Picture** – Close up photo clearly showing Inverter label with lettering legible.



BALANCE OF SYSTEM PHOTOS:

18. **Balance of System Wall Photos** – A pull-back photo showing the entire balance-of-systems equipment wall (may need multiple photos).



19. **GEC Path Photos** – Sequence of photos showing the path of the GEC from the inverter to the structure’s grounding electrode, including any irreversible splices or taps (required for grounded inverters only).



A/C COMBINER PHOTOS:

20. **A/C Combiner Cover Removed** – A photo of the AC combiner with cover removed, showing interior of load center or panel, all breakers, and label and bus rating.



A/C DISCONNECT PHOTOS:

21. **A/C Disconnect Interior Photo** – Clear photo of interior of A/C Disconnect showing all wiring, grounding and overcurrent protection inside the AC disconnect.



22. **Exterior of A/C disconnect** – Exterior of the AC disconnect, showing manufacturer's label and NEMA rating as well as required safety labeling.

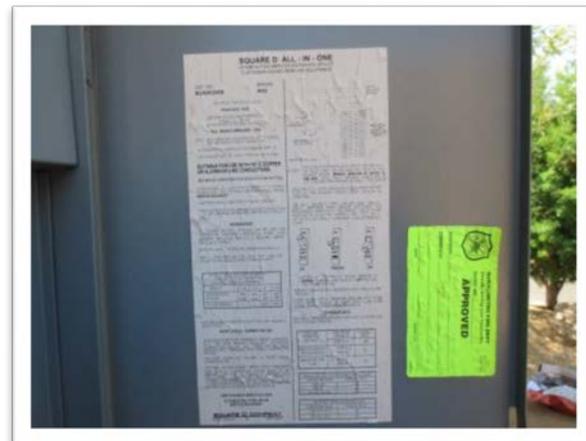


23. **Main Breaker Label Photo** – A close up photos showing labels of service panel.



MAIN PANEL TIE-IN PHOTOS:

24. **Buss bar label** – A photo showing buss bar label.



25. **Interior of Main Service Panel** – Photo of main service panel with the front removed, showing any taps.

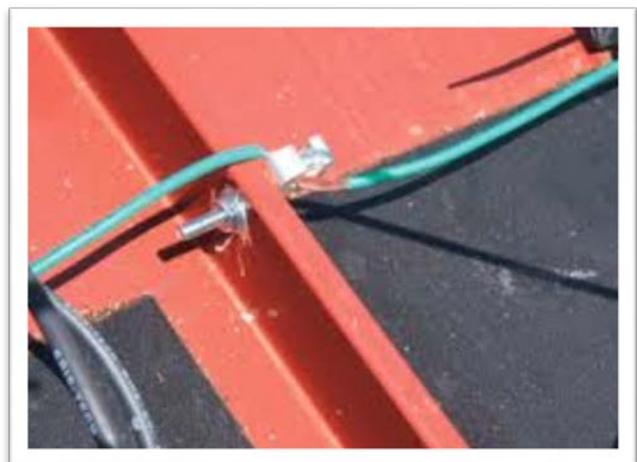


IF APPLICABLE PHOTOS:

26. **Pole Mounted Systems photo** – Photo of array, taken from behind, showing mounting and conductor protection.



27. **Metal roof Grounding** – Close up photo of grounding method used of metal roof.



28. **Battery Back-Up Photos** - Photo showing battery back-up system and racking.



Please note:

Although this list of photos does not include many required labels, they are still an important requirement for installed systems. NYSERDA has worked with CADMUS to create a labeling guide to assist installers with proper labeling. Please be sure to use it when constructing and commissioning your systems. The guide can be found at the following website:

<http://ny-sun.ny.gov/For-Installers/Contractor-Resources>.