



Noe Aguilar

48 Bo Bo White Lane
South River Electric

Customer Information

Customer Name Noe Aguilar

Zip Code 27546

Customer Street Address 48 Bo Bo White Lane

Utility Provider South River Electric

City Lillington

Project Number --

State NC

System size in kilowatts 12.60

PV

Is the system a roof or ground mount? Roof

I confirm that flexible conduit is not installed on the roof Flexible conduit has not been installed on the roof

Select "yes" if there is at least 1 array. Yes

Confirm all PV hardware (lagbolts, midclamps and endclamps, etc...) have been torqued to manufacturer specifications Yes, all PV hardware has been torqued to manufacturer specifications

Is there a 2nd array? Yes

Is there a 3rd array? No

Does conduit penetrate the roof? No

Is there a 4th array? No

Were any roof repairs made as a result of damage caused during installation? No

Is there a 5th array? No

Is there a 6th array? No

I confirm all wiring and connectors have been checked and are secured properly All cables underneath the array have been secured to the best of our ability

Is there a 7th array? No

Any potential shading issues? No

Are there more than 7 arrays? No

Is conduit installed on the roof? Yes

Confirm all mounting systems haven been installed using manufacturer's guidelines I confirm all mounting systems haven been installed using manufacturer's guidelines

Are there any junction boxes on the roof? Yes

Provide any additional photos or comments as needed

Electrical

Is this system Solaredge? Yes

Does this system have a battery?	No
Is the system a roof or ground mount?	Roof
Was there a change to the single line?	No
Please thoroughly explain all changes made to single line	
Is there a transfer switch?	

Was there attic or crawlspace wiring?	No
Are there any junction boxes located in the crawlspace or attic?	No
Is there PV shedding and/or any external junction boxes?	Yes
Are there production CTs?	No
Are there consumption CTs?	No

Inspection Information

Homeowner signature confirming the system is complete and the installation is satisfactory

Customer Information - Photo/Text: Provide a legible photo of the PV module specification sticker. Manually type in the manufacturer & model information.



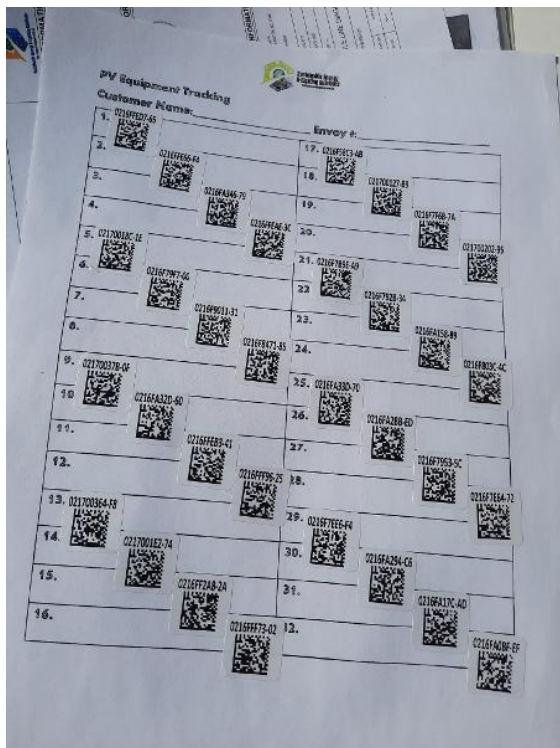
Will Willoughby
Loc: 35.3423, -78.9448

PV - Provide a clear picture of at least one microinverter or optimizer. The serial number must be legible.



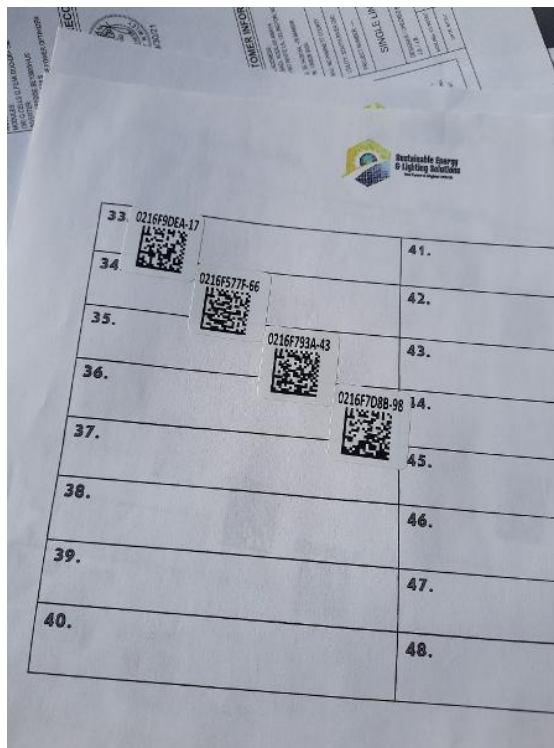
Will Willoughby
Loc: 35.3425, -78.9447

PV - Provide at least 1 clear photo of serial number map for all microinverters/optimizer. Photo must be legible.



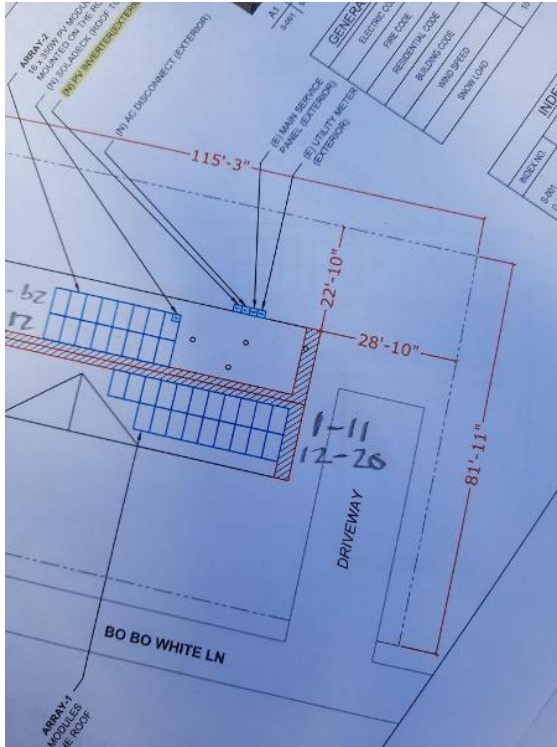
Will Willoughby
Loc: 35.3423, -78.9448

PV - Provide at least 1 clear photo of serial number map for all microinverters/optimizer. Photo must be legible.



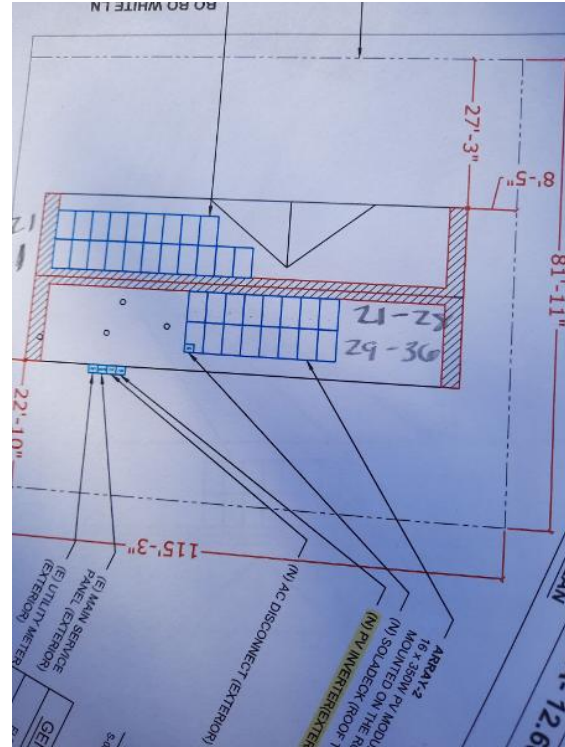
Will Willoughby
Loc: 35.3423, -78.9448

PV - Provide at least 1 clear photo of serial number map for all microinverters/optimizer. Photo must be legible.



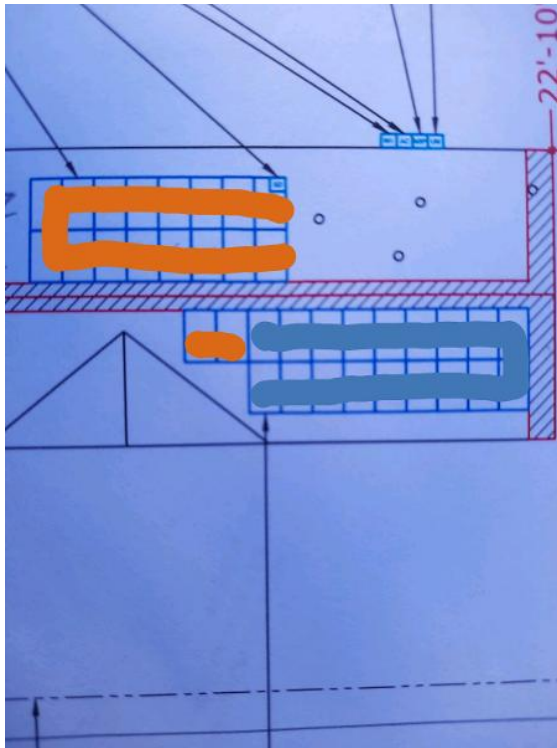
Will Willoughby
Loc: 35.3422, -78.9448

PV - Provide at least 1 clear photo of serial number map for all microinverters/optimizer. Photo must be legible.



Will Willoughby
Loc: 35.3423, -78.9448

PV - At least 1 legible photo of the stringing diagram for all arrays



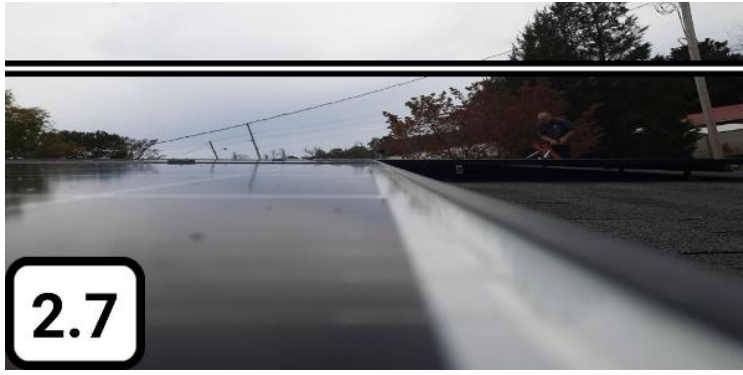
Will Willoughby
Loc: 35.3423, -78.9448

PV - Provide at least 3 photos showing array 1's tilt. An angle or pitch finder must be on the array and there must be other modules present in the image.



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide at least 3 photos showing array 1's tilt. An angle or pitch finder must be on the array and there must be other modules present in the image.



PV - Provide at least 3 photos showing array 1's tilt. An angle or pitch finder must be on the array and there must be other modules present in the image.



Will Willoughby
Loc: 35.3424, -78.9447

Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide at least 3 photos showing array 2's tilt. An angle or pitch finder must be on the array and there must be other modules present in the image.



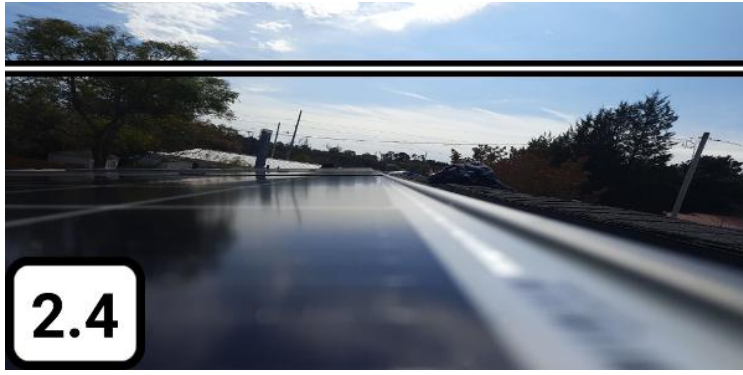
PV - Provide at least 3 photos showing array 2's tilt. An angle or pitch finder must be on the array and there must be other modules present in the image.



Will Willoughby
Loc: 35.3424, -78.9448

Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos showing array 2's tilt. An angle or pitch finder must be on the array and there must be other modules present in the image.



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos of array 1 in its entirety.



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide at least 3 photos of array 1 in its entirety.



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide at least 3 photos of array 1 in its entirety.



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide at least 3 photos of array 2 in its entirety.



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos of array 2 in its entirety.



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos of array 2 in its entirety.



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 3 photos of properly installed End Clamps



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 3 photos of properly installed End Clamps



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 3 photos of properly installed End Clamps



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 3 photos of properly installed Mid Clamps



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 3 photos of properly installed Mid Clamps



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 3 photos of properly installed Mid Clamps



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos (per azimuth) that include all the arrays on a shared azimuth angle. (ie All arrays on south side, all arrays on southwest side, all arrays on southeast side, etc...)



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos (per azimuth) that include all the arrays on a shared azimuth angle. (ie All arrays on south side, all arrays on southwest side, all arrays on southeast side, etc...)



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos (per azimuth) that include all the arrays on a shared azimuth angle. (ie All arrays on south side, all arrays on southwest side, all arrays on southeast side, etc...)



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide as many photos as necessary to show all conduit installed on the roof



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Loc: 35.3424, -78.9448

PV - Provide as many photos as necessary to show all conduit installed on the roof



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide as many photos as necessary to show all installed supports to prevent conduit from touching roof



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide as many photos as necessary to show adequate spacing of the conduit from the roof



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos of properly installed flashing



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide at least 3 photos of properly installed flashing



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide at least 3 photos of properly installed flashing



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide all necessary photos showing rafters that have been penetrated and there are no visible



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide 1 photo of each soladeck with the cover off. All wiring should be labeled properly and all connections should secure



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 1 photo of each soladeck with the cover off. All wiring should be labeled properly and all connections should secure



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 1 photo of each soladeck with the cover off. All wiring should be labeled properly and all connections should secure



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 1 photo of each soladeck with the cover on and secured on both sides with the provided screws



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 1 photo of each soladeck with the cover on and secured on both sides with the provided screws



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 1 photo of each soladeck from approximately 2-3' away showing it has been properly flashed and secured



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 1 photo of each soladeck from approximately 2-3' away showing it has been properly flashed and secured



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide as many photos as necessary (at least 3) of underneath array 1 demonstrating proper wire management



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide as many photos as necessary (at least 3) of underneath array 1 demonstrating proper wire management



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide as many photos as necessary (at least 3) of underneath array 1 demonstrating proper wire management



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide as many photos as necessary (at least 3) of underneath array 1 demonstrating proper wire management



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide as many photos as necessary (at least 3) of underneath array 2 demonstrating proper wire management



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide as many photos as necessary (at least 3) of underneath array 2 demonstrating proper wire management



PV - Provide as many photos as necessary (at least 3) of underneath array 2 demonstrating proper wire management



Will Willoughby
Loc: 35.3424, -78.9448

Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide at least 3 photos from varying angles of array 1 with racking and module level electronics (optos, micros, etc...) installed



PV - Provide at least 3 photos from varying angles of array 1 with racking and module level electronics (optos, micros, etc...) installed



Will Willoughby
Loc: 35.3424, -78.9447

Will Willoughby
Loc: 35.3426, -78.9448

PV - Provide at least 3 photos from varying angles of array 1 with racking and module level electronics (optos, micros, etc...) installed



Will Willoughby
Loc: 35.3425, -78.9448

PV - Provide at least 3 photos from varying angles of array 2 with racking and module level electronics (optos, micros, etc...) installed



Will Willoughby
Loc: 35.3425, -78.9448

PV - Provide at least 3 photos from varying angles of array 2 with racking and module level electronics (optos, micros, etc...) installed



Will Willoughby
Loc: 35.3425, -78.9447

PV - Provide at least 3 photos from varying angles of array 2 with racking and module level electronics (optos, micros, etc...) installed



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide 3 photos of L-Feet attached to the rail



Will Willoughby
Loc: 35.3423, -78.9447

PV - Provide 3 photos of L-Feet attached to the rail



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide 3 photos of L-Feet attached to the rail



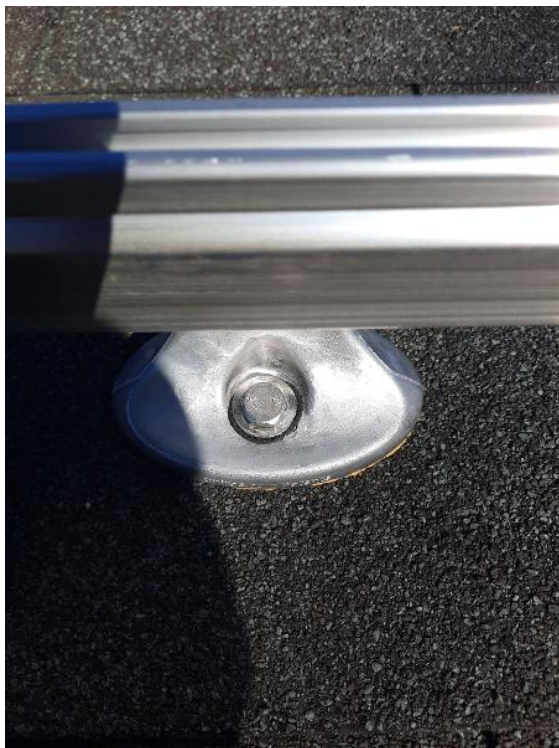
Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide 3 photos of properly secure and landed lag bolts



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PV - Provide 3 photos of properly secure and landed lag bolts



Will Willoughby
Loc: 35.3424, -78.9447

PV - Provide a photo showing the length of the longest mount span with measuring tape visible



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide a photo showing the length of the shortest mount span with measuring tape visible



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide a photo of each junction box showing proper weather protection, proper conductor strain relief, and conduit stability



Will Willoughby
Loc: 35.3424, -78.9448

PV - Provide a photo of each junction box showing proper weather protection, proper conductor strain relief, and conduit stability



Will Willoughby
Loc: 35.3424, -78.9448

Electrical - Provide a clear photo of inverter or combiner box serial number



David Meck
Loc: 35.3424, -78.9446

Electrical - Provide a clear legible photo of the inverter/combiner box from 5', 15' and 20'. All equipment must be labeled and have the covers fastened appropriately.



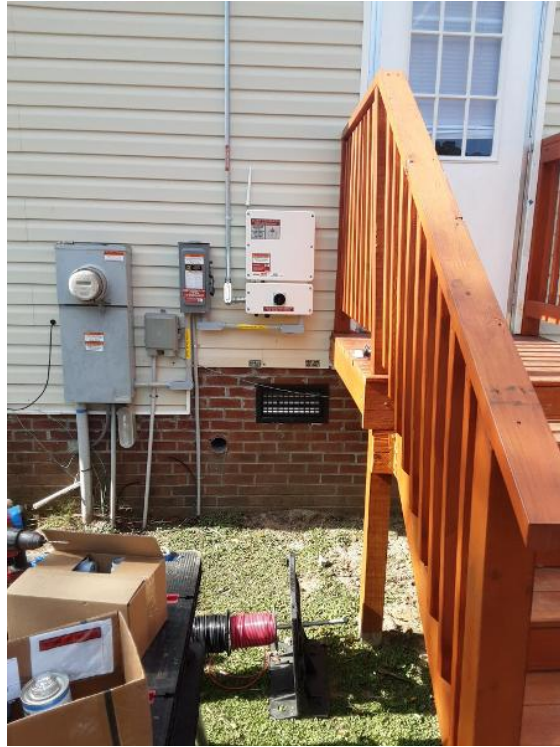
David Meck
Loc: 35.3424, -78.9447

Electrical - Provide a clear legible photo of the inverter/combiner box from 5', 15' and 20'. All equipment must be labeled and have the covers fastened appropriately.



David Meck
Loc: 35.3424, -78.9446

Electrical - Provide a clear legible photo of the inverter/combiner box from 5', 15' and 20'. All equipment must be labeled and have the covers fastened appropriately.



David Meck
Loc: 35.3425, -78.9446

Electrical - Provide a photo of the OCPD for the panelboard the system is interconnected in. Provide a photo of said panelboard's busbar rating.



David Meck
Loc: 35.3424, -78.9447

Electrical - Provide at least 3 photos of the installed wiring inside of the inverter/combiner box



David Meck
Loc: 35.3425, -78.9446

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David Meck
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David Meck
Loc: 35.3424, -78.9446

Electrical - Provide at least 3 photos of the installed wiring inside of the inverter/combiner box



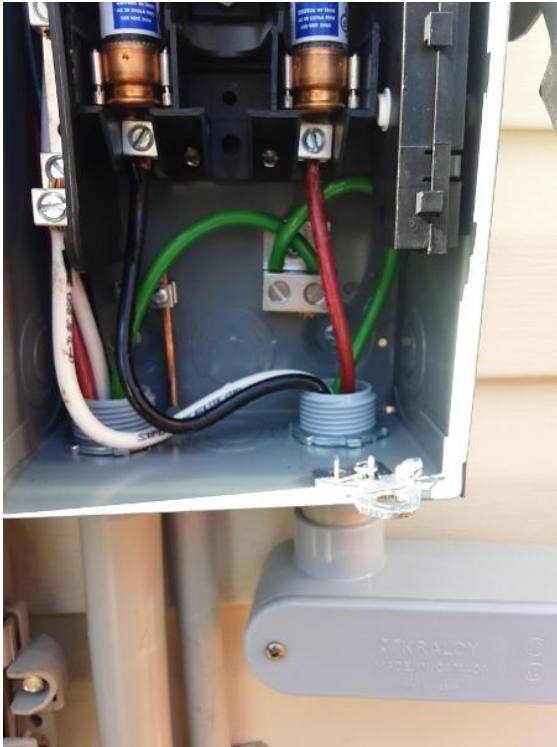
David Meck
Loc: 35.3424, -78.9446

Electrical - Provide at least 3 photos of wiring inside of disconnect. Fuse rating must be facing outward and legible.



David Meck
Loc: 35.3424, -78.9446

Electrical - Provide at least 3 photos of wiring inside of disconnect. Fuse rating must be facing outward and legible.



David Meck
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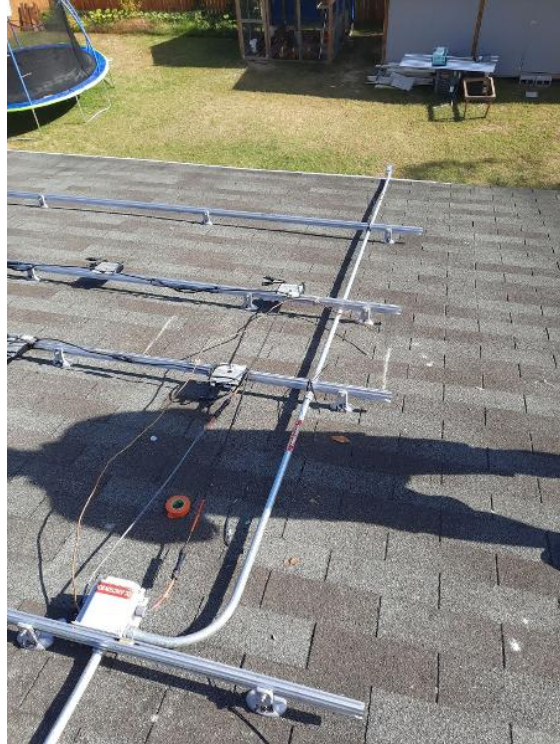
David Meck
Loc: 35.3424, -78.9446

Electrical - Provide at least 3 photos of wiring inside of disconnect. Fuse rating must be facing outward and legible.



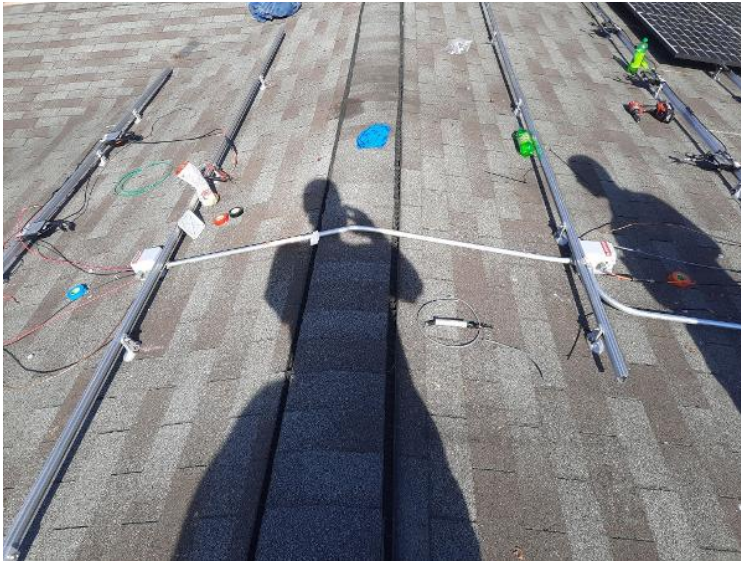
David Meck
Loc: 35.3424, -78.9446

Electrical - Provide as many photos as necessary showing all external conduit from the array to the inverter/combiner. Conduit must be properly labeled.



Will Willoughby
Loc: 35.3424, -78.9448

Electrical - Provide as many photos as necessary showing all external conduit from the array to the inverter/combiner. Conduit must be properly labeled.



Will Willoughby
Loc: 35.3424, -78.9448

Electrical - Provide as many photos as necessary showing all external conduit from the array to the inverter/combiner. Conduit must be properly labeled.



David Meck
Loc: 35.3425, -78.9446

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David Meck
Loc: 35.3424, -78.9447

Electrical - Provide as many photos as necessary showing all external conduit from the array to the inverter/combiner. Conduit must be properly labeled.



David Meck
Loc: 35.3425, -78.9447

Electrical - Provide as many photos as necessary showing all external conduit from the array to the inverter/combiner. Conduit must be properly labeled.



David Meck
Loc: 35.3425, -78.9447

Electrical - Provide as many photos as necessary showing all conduit from the inverter/combiner to the disconnect. Conduit must be properly labeled.



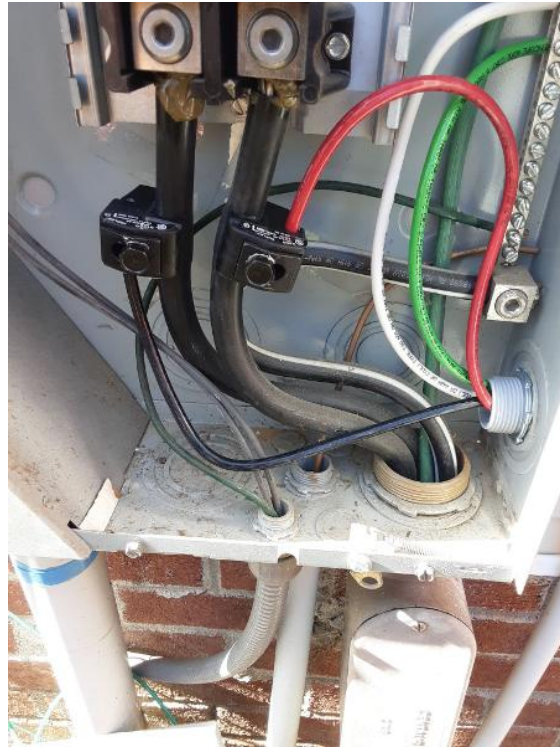
David Meck
Loc: 35.3425, -78.9446

Electrical - Provide as many photos as necessary to show all conduit/wiring installed from the disconnect to the interconnection. All conduit/cable must be properly labeled.



David Meck
Loc: 35.3425, -78.9446

Electrical - Provide 1 clear photo of the interconnection



David Meck
Loc: 35.3424, -78.9445

Electrical - Provide 1 clear photo of the interconnection



David Meck
Loc: 35.3424, -78.9445

Electrical - Provide at least 3 photos of the panel where the system is interconnected. Make sure to include a photo showing the entry method for the output conductors, the entire wiring path of output conductors, Leg 1, Leg 2, Neutral & Ground landings.



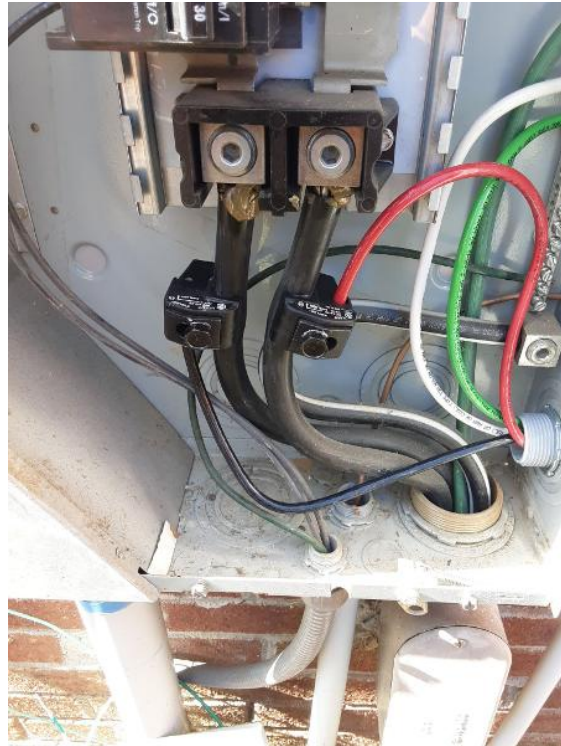
David Meck
Loc: 35.3424, -78.9445

Electrical - Provide at least 3 photos of the panel where the system is interconnected. Make sure to include a photo showing the entry method for the output conductors, the entire wiring path of output conductors, Leg 1, Leg 2, Neutral & Ground landings.



David Meck
Loc: 35.3424, -78.9445

Electrical - Provide at least 3 photos of the panel where the system is interconnected. Make sure to include a photo showing the entry method for the output conductors, the entire wiring path of output conductors, Leg 1, Leg 2, Neutral & Ground landings.



David Meck
Loc: 35.3424, -78.9445

Electrical - Provide at least 3 photos of the panel where the system is interconnected. Make sure to include a photo showing the entry method for the output conductors, the entire wiring path of output conductors, Leg 1, Leg 2, Neutral & Ground landings.



David Meck
Loc: 35.3424, -78.9445

Electrical - Provide as many photos as necessary showing proper wiring and labeling inside of all exterior junction boxes



Will Willoughby
Loc: 35.3424, -78.9448

Electrical - Provide as many photos as necessary showing proper wiring and labeling inside of all exterior junction boxes



Will Willoughby
Loc: 35.3424, -78.9448

Electrical - Provide as many photos as necessary to show all junction boxes installed externally are closed properly and labeled.



Will Willoughby
Loc: 35.3424, -78.9448

Electrical - Provide as many photos as necessary to show all junction boxes installed externally are closed properly and labeled.



Will Willoughby
Loc: 35.3424, -78.9448

Electrical - Provide as many photos as necessary showing all equipment at the final stage of install (with covers and labels) showing each entire wall from top to grade said equipment is installed on



David Meck
Loc: 35.3425, -78.9446

Electrical - Provide as many photos as necessary showing all equipment at the final stage of install (with covers and labels) showing each entire wall from top to grade said equipment is installed on



David Meck
Loc: 35.3424, -78.9446

Electrical - Provide as many photos as necessary showing all equipment at the final stage of install (with covers and labels) showing each entire wall from top to grade said equipment is installed on



David Meck
Loc: 35.3424, -78.9446

Electrical - Provide as many photos as necessary showing all equipment at the final stage of install (with covers and labels) showing each entire wall from top to top to grade said equipment is installed on



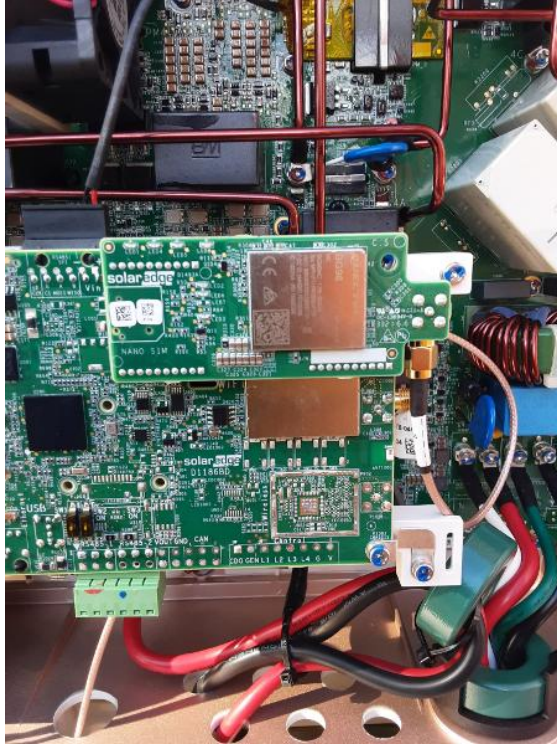
David Meck
Loc: 35.3424, -78.9446

Electrical - Provide as many photos as necessary showing all equipment at the final stage of install (with covers and labels) showing each entire wall from top to top to grade said equipment is installed on



David Meck
Loc: 35.3424, -78.9446

Electrical - Provide a picture of the serial number for the communication device. (Cell chip or Zigbee)



David Meck
Loc: 35.3425, -78.9446

Electrical - Provide a picture of the serial number for the communication device. (Cell chip or Zigbee)



David Meck
Loc: 35.3425, -78.9446

Electrical - Provide a picture of the serial number for the communication device. (Cell chip or Zigbee)



David Meck
Loc: 35.3425, -78.9446

Electrical - Provide a photo showing the Voc for each string using a multimeter



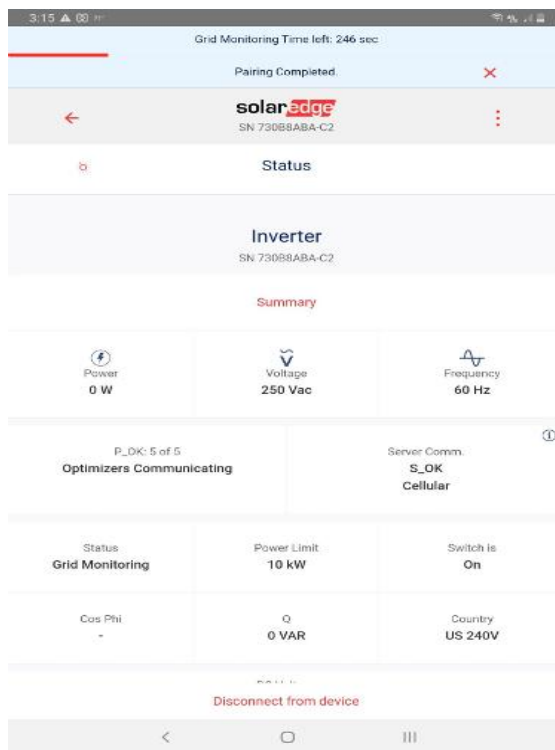
David Meck
Loc: 35.3424, -78.9446

Electrical - Provide a photo showing the Voc for each string using a multimeter



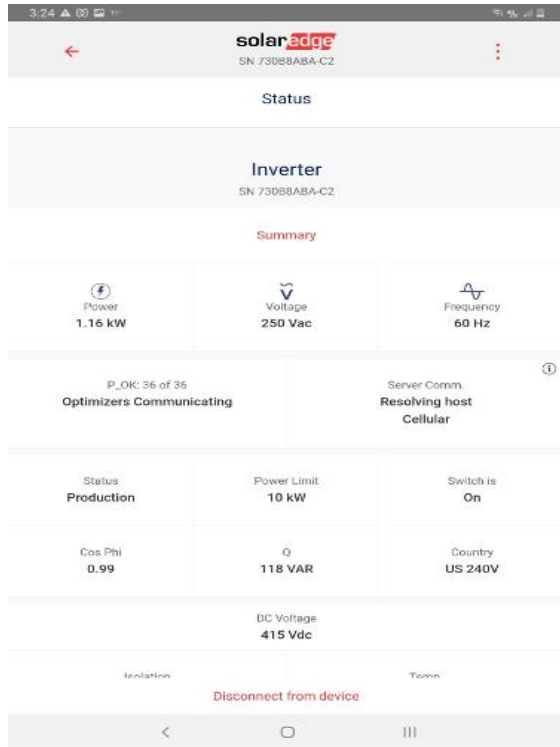
David Meck
Loc: 35.3424, -78.9446

Electrical - Provide screenshots showing proper settings, operation and serial number of envoy or inverter



David Meck
Loc: 35.3422, -78.9448

Electrical - Provide screenshots showing proper settings, operation and serial number of envoy or inverter



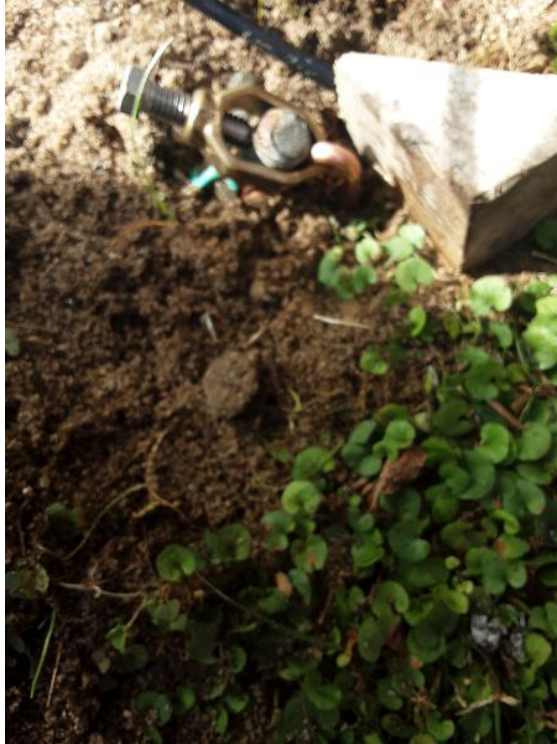
David Meck
Loc: 35.3422, -78.9448

Electrical - Provide 3 photos showing the ground rod connected to the existing and connected to the PV disconnect



David Meck
Loc: 35.3424, -78.9445

Electrical - Provide 3 photos showing the ground rod connected to the existing and connected to the PV disconnect



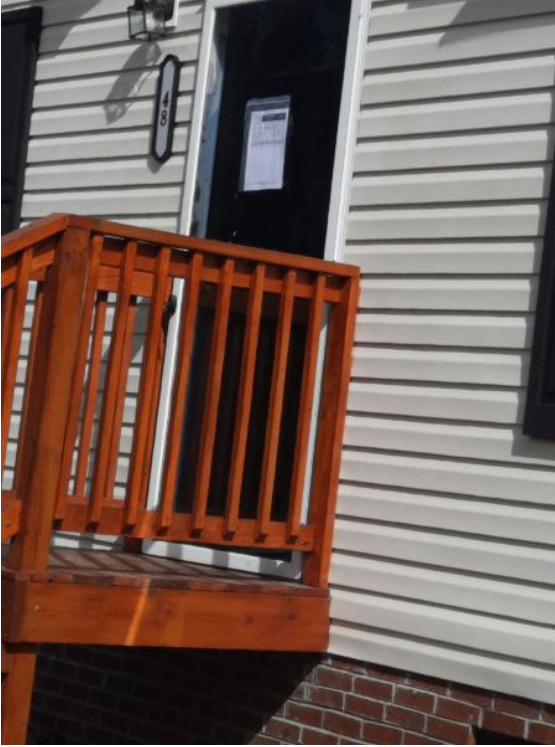
David Meck
Loc: 35.3424, -78.9445

Electrical - Provide 3 photos showing the ground rod connected to the existing and connected to the PV disconnect



David Meck
Loc: 35.3424, -78.9445

Inspection Information - Provide a photo of the permit packet taped to the front door of the property



Will Willoughby
Loc: 35.3424, -78.9448