



## Efrain Carmona Mote

580 valley Oak Dr BunnLevel, NC 28328

### Job Setup

Customer Name	Efrain Carmona Mote
Address	580 valley Oak Dr BunnLevel, NC 28328
Initial Contact w/homeowner - Greet, job review and walk through completed? Note any initial homeowner concerns /issues?	Yes

Pre-Existing - issues, damages?	Yes
Pre-existing issues notes and pictures	getter in back yard
Pre-existing issues: Homeowner notified?	Yes

### Roof

Was conduit run on the roof?	Yes
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### Attic

Was the wire run done internally?	Yes
Review the wire run. Did any of the staples pierce any part of the wire?	No

Wire size and type installed:	10 awg
Structural Upgrade - Was there a structural upgrade required?	No

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**Roof Leak Prevention**

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Were there any misses while finding rafters? No

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**Electrical**

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Electrician Jonathan Garrison

Directory Placard required? No

Was this a battery installation? No

Is this a TECO - FL installation? No

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**Completion**

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Job Completed? Yes

Did any damage occur to the home during installation? No

Was a Wi-Fi connection achieved? No

Did you complete a homeowner completion review and walk through? yes

Job Setup / Location- Show the front of home with street number clearly visible



JonathanG  
Loc: 35.2986, -78.9827

Roof / Mount Installation - Need to show the correct sealing technique for at least one solar mount.



MartinR  
Loc: 35.4085, -80.7122

Roof / Attachment Layout - showing COMPLETE layouts, staggered attachments, span measurement. (2 pics per array min)



MartinR  
Loc: 35.4085, -80.7122

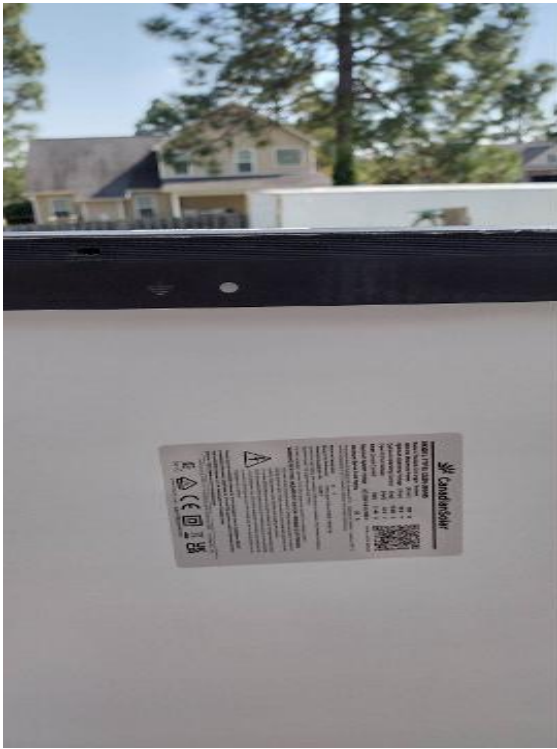
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Loc: 35.4085, -80.7122



Roof / Module Label - Close up picture. This needs to be crystal clear



JonathanG  
Loc: 35.3064, -78.9892

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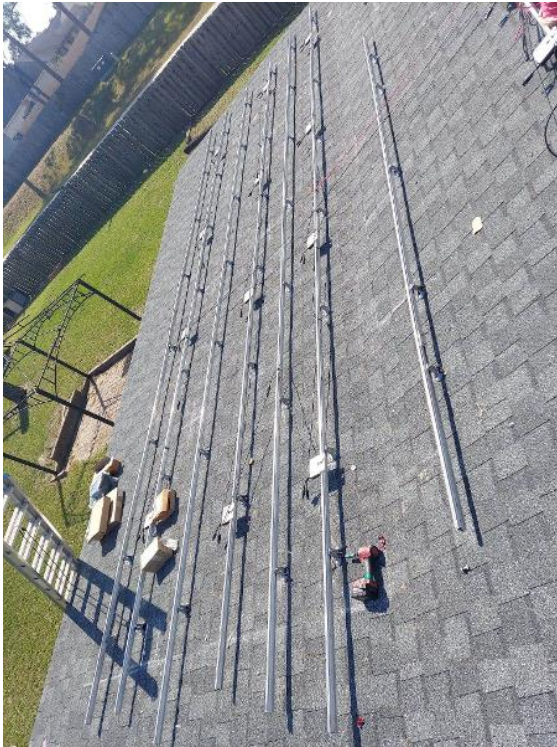
Roof / Module Attachments - need to show modules are properly secured to racking.



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Loc: 35.4085, -80.7122



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Roof / MLPE (micro inverter/optimizer) serial number, must include model number as well.



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Roof / Grounding: 1) Take an up close photo of the rail bonding lug.



MartinR  
Loc: 35.4084, -80.7122

Roof / Roof conduit photos- Entire conduit run to be shown along with proper supports.



JonathanG  
Loc: 35.3171, -78.9926



Roof / Roof conduit photos- Entire conduit run to be shown along with proper supports.



JonathanG  
Loc: 35.3114, -78.9912

Roof / Roof conduit photos- Entire conduit run to be shown along with proper supports.



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Loc: 35.3114, -78.9912

Roof / Conduit Penetration- Provide a picture showing the open conduit entrance demonstrating proper conductor strain relief, weather protection, and conduit stability.



JonathanG  
Loc: 35.3143, -78.9919

Roof / Photos of Label on Trunk Cable/PV Wire



MartinR  
Loc: 35.4085, -80.7122





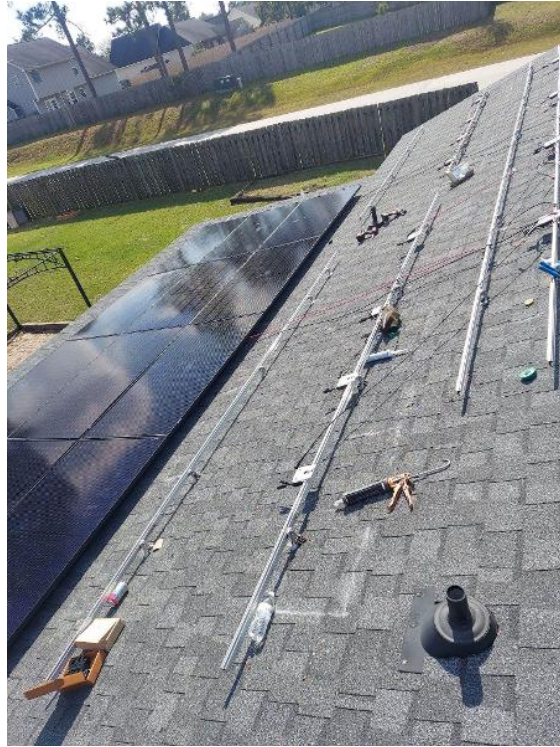


Roof / Rooftop Junction Box - EGC path to array, attic penetration, entries & exits. (If penetrating the roof to run through the attic, the transition from attic to roof needs to be sealed with duct seal.)



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Loc: 35.4085, -80.7122

Roof / Completed Array(s) showing COMPLETE overview of arrays multiple pics and location of rooftop junction box (3 pics per array min.) (no close up pics)



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Roof / Completed Array(s) need to show tilt of each array completed.



JonathanG  
Loc: 35.3223, -78.9927



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Roof / Wire Management - Quality pictures (need to show the entire array under the panel through pictures. absolutely no dangling wires)



MartinR  
Loc: 35.4084, -80.7122



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Attic / Wire Run - All wire entrances showing the wire is stapled within 12" of entrance, full wire run with staples every 4 feet, penetration out of attic showing staples within 12" of the exit (pictures of the entire run, showing all the staples).



JonathanG  
Loc: 35.3404, -79.0476

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JonathanG  
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Electrical / Path To Array Roof/Attic - conduit run, j-box inside and out, sealed penetration, etc.,



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Loc: 35.3307, -78.9951

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Loc: 35.3265, -78.9938

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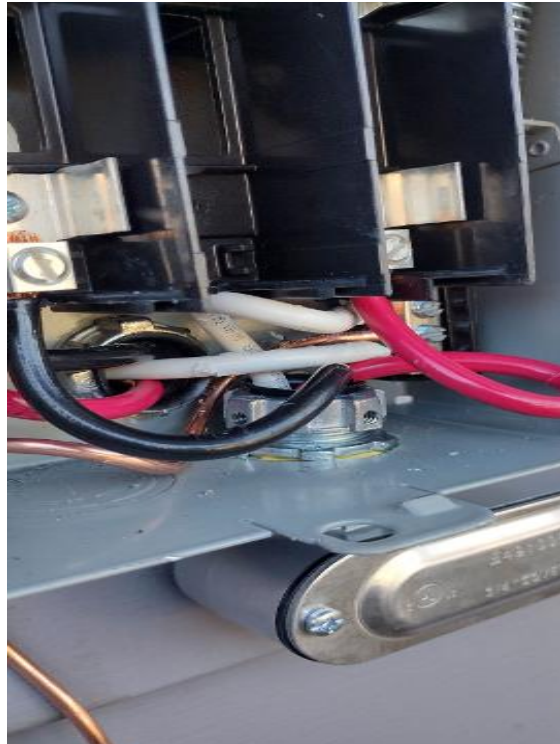
JonathanG  
Loc: 35.3265, -78.9938

Electrical / GEC (Grounding Electrode Conductor) - main GEC (photo of the home's grounding system, MSP overview if none found)



JonathanG  
Loc: 35.3357, -79.034

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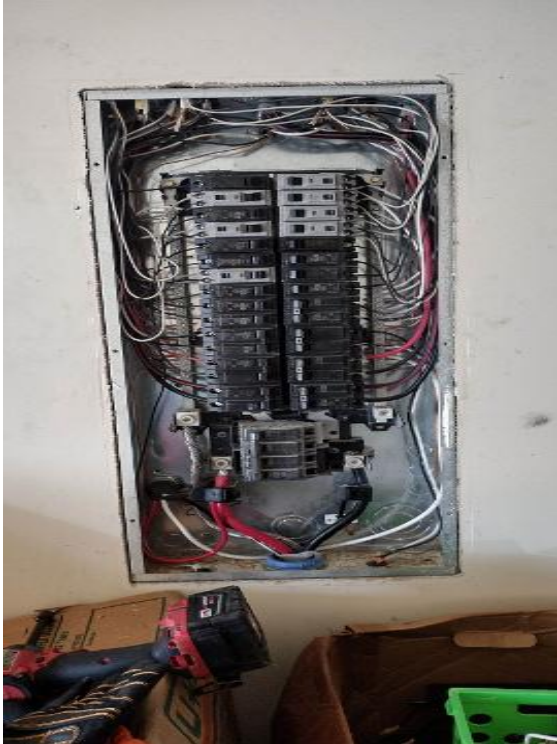
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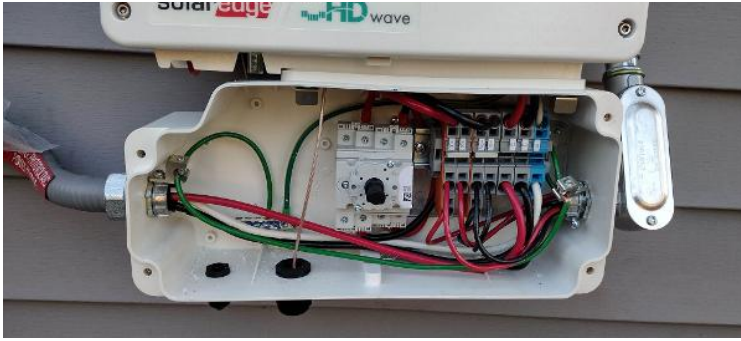
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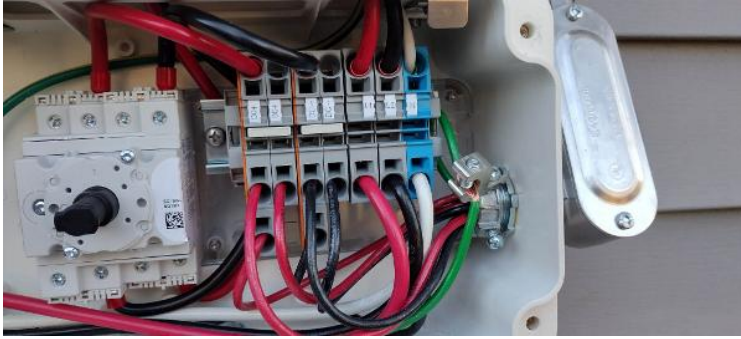
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Electrical / MSP (Main Service Panel): Detailed photos of breaker installed



JonathanG  
Loc: 35.3338, -78.9959

Electrical / MSP (Main Service Panel): Detailed photos of breaker installed



JonathanG  
Loc: 35.3338, -78.9959

Electrical / MSP (Main Service Panel): Detailed photos of breaker installed



JonathanG  
Loc: 35.3417, -78.998

Electrical / MSP (Main Service Panel): Detailed photos of breaker installed



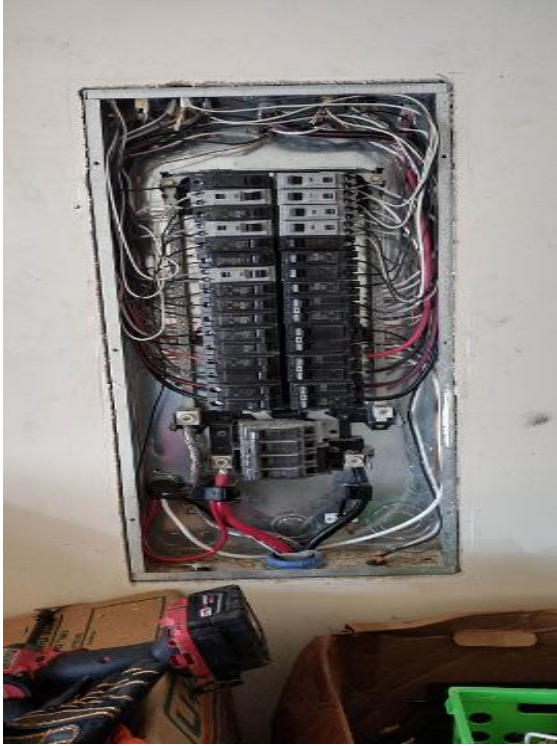
JonathanG  
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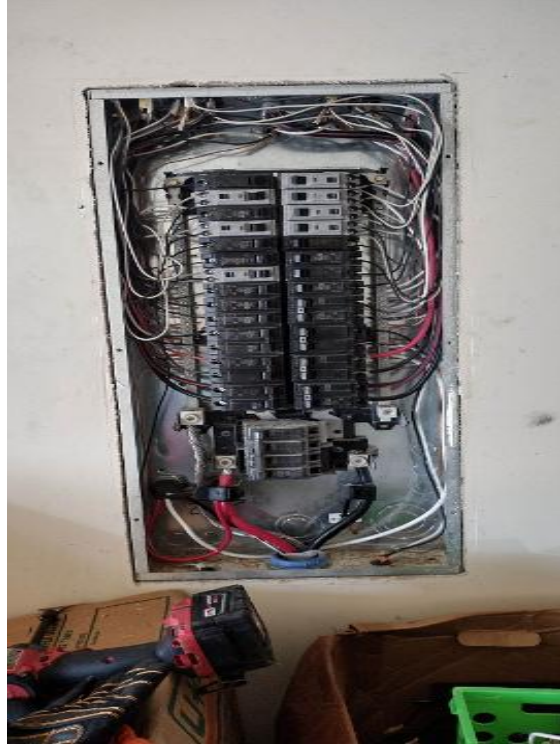
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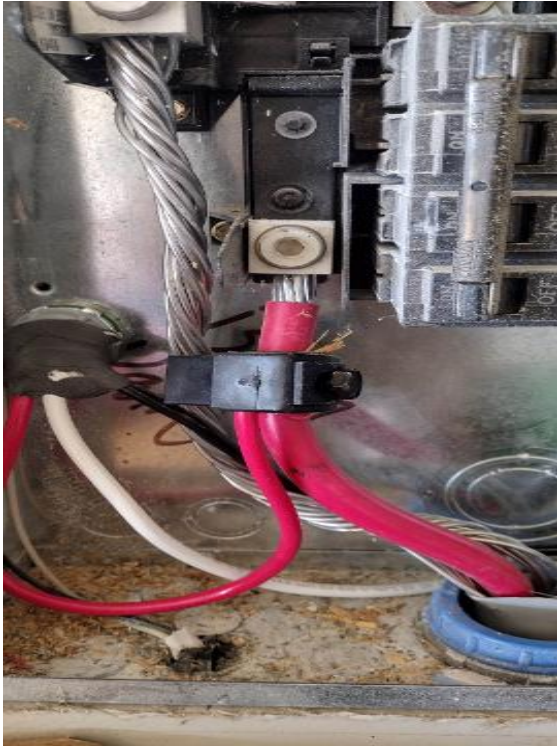
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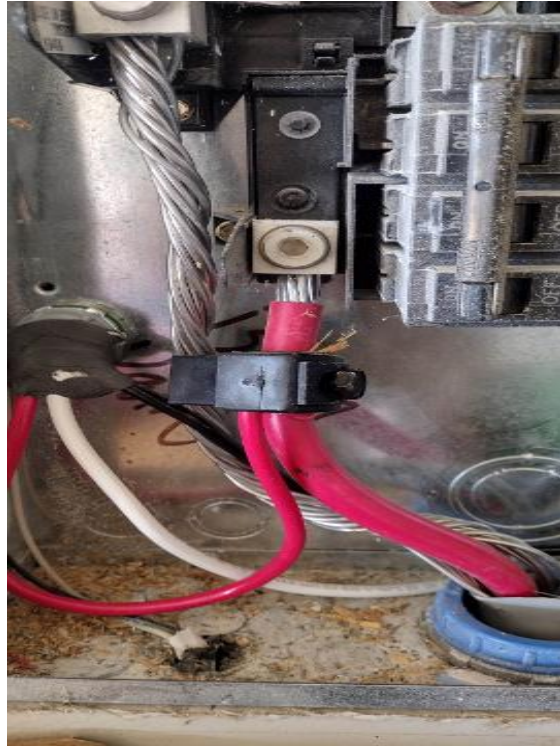
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Electrical / MSP (Main Service Panel) - Photo of Entire Box After Interconnection



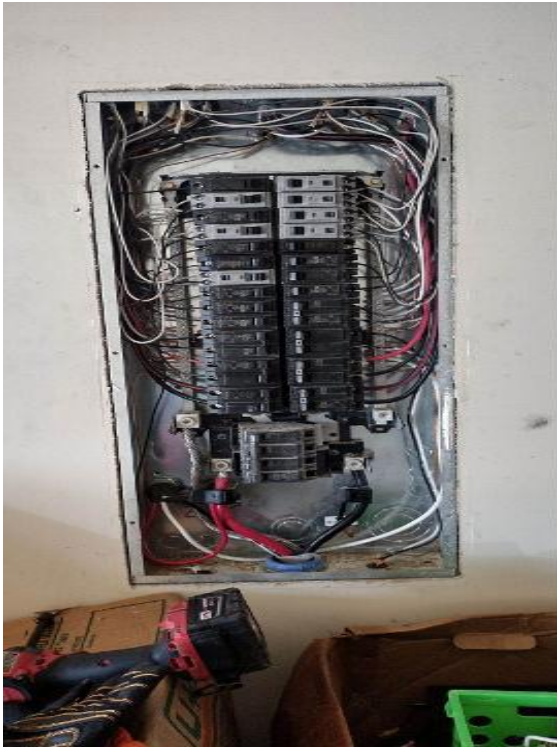
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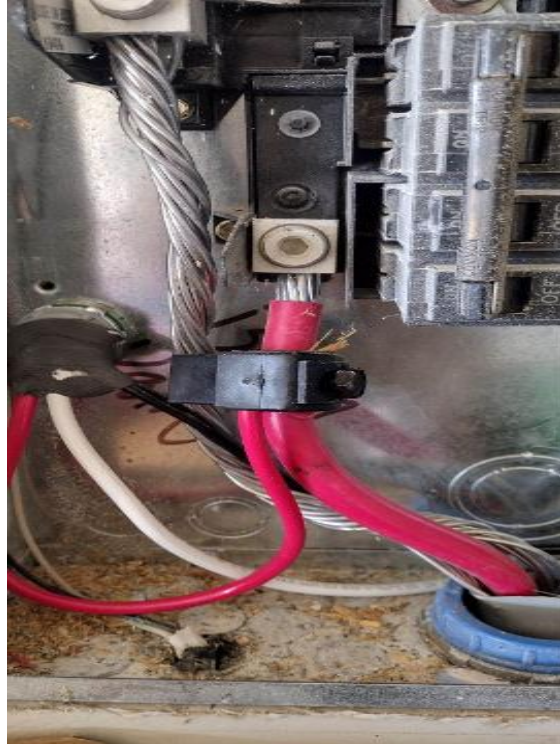
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Electrical / MSP (Main Service Panel) - Photo of Entire Box After Interconnection



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Electrical / Serial Numbers - clear photos of combiner/inverter and communication device serial numbers



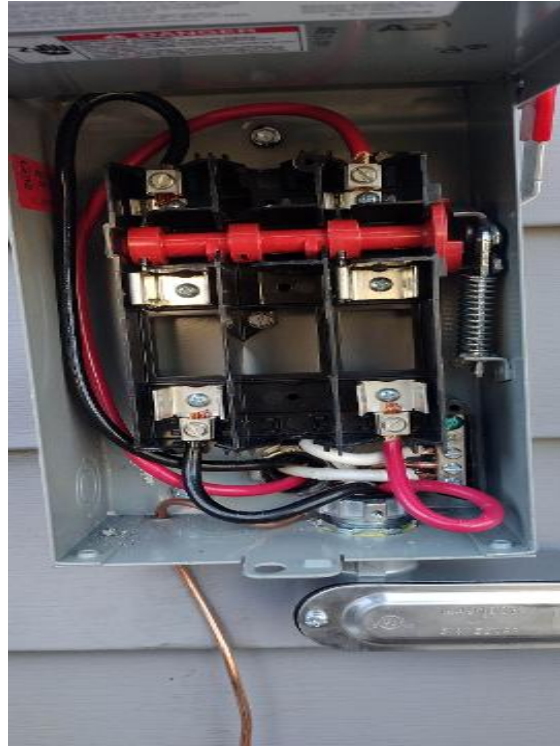
JonathanG  
Loc: 35.3427, -79.0011

Electrical / PV Equipment - all PV equipment installed and completed, wiring, EGC (Solar Ground), entries/exits, open & closed boxes, completed overview.



JonathanG  
Loc: 35.3424, -79.0041

Electrical / AC Disconnect - Photos of fuse sizes and wire sizes



JonathanG  
Loc: 35.342, -79.0055

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Electrical / Labels - photo of all labels installed, close up and overview (note if missing any)



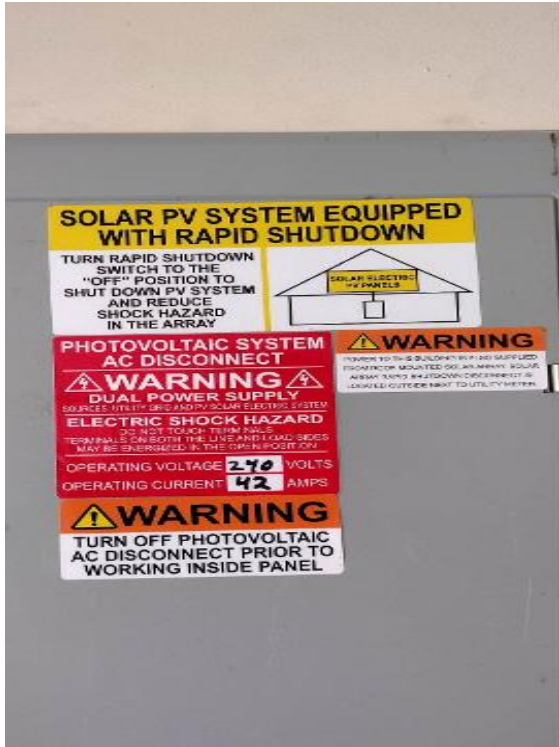
JonathanG  
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Electrical / Labels - photo of all labels installed, close up and overview (note if missing any)



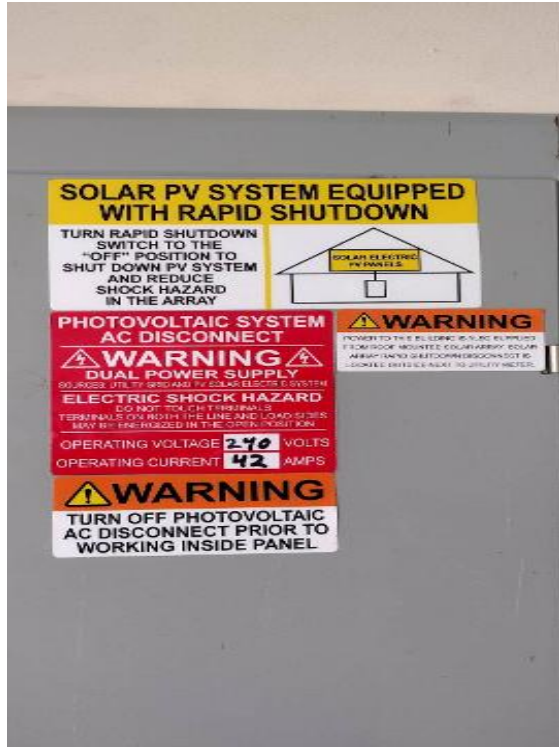
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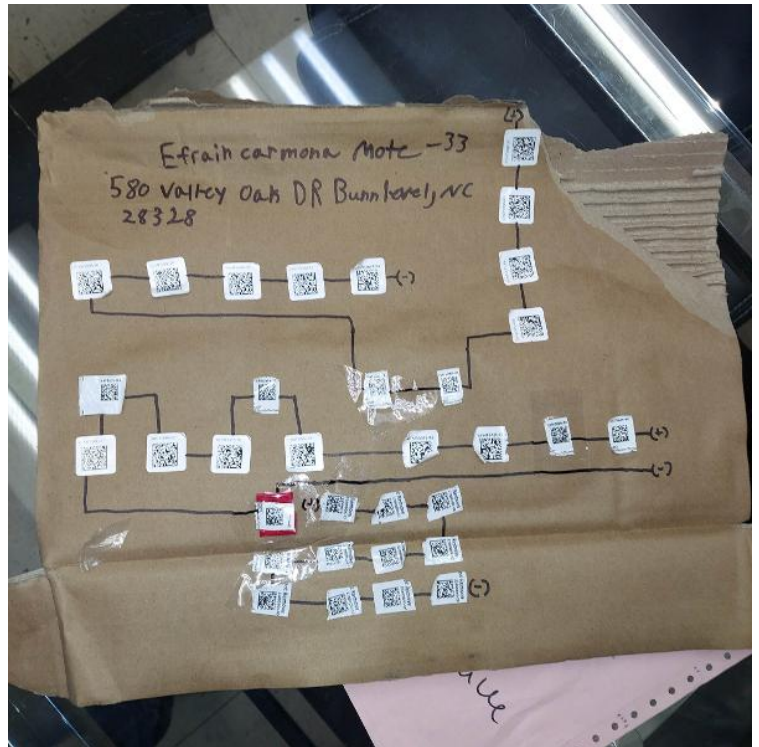


Electrical / Photo of location of plans left on site



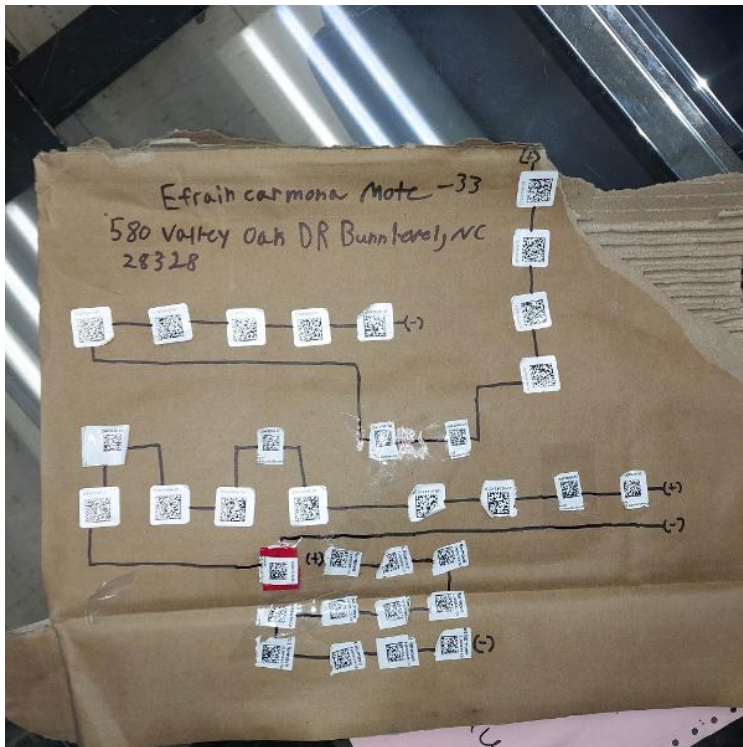
JonathanG  
Loc: 35.3405, -79.0136

Completion / STICKER MAP: Optimizer/micro-inverter stickers and sticker map showing layout and string map to j-box



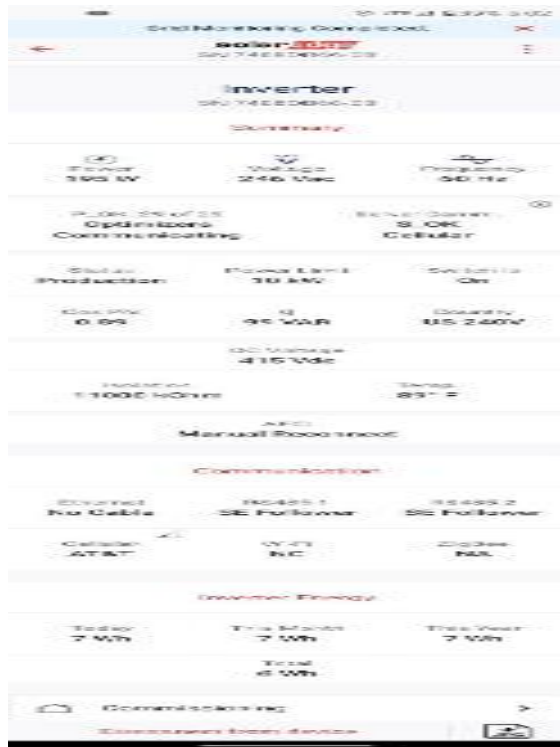
MartinR  
Loc: 35.4083, -80.7122

Completion / STICKER MAP: Optimizer/micro-inverter stickers and sticker map showing layout and string map to j-box



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Loc: 35.4087, -80.7121

Completion / Screenshot of Panels Detected and Communicating in Commissioning App (Solaredge/Enphase)



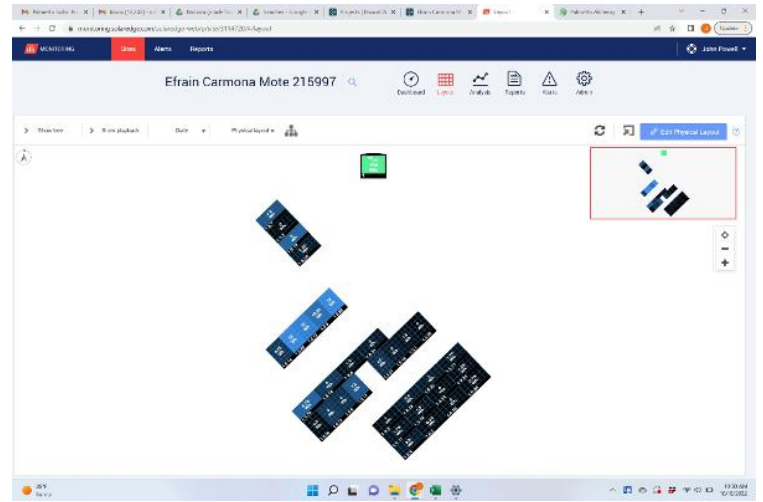
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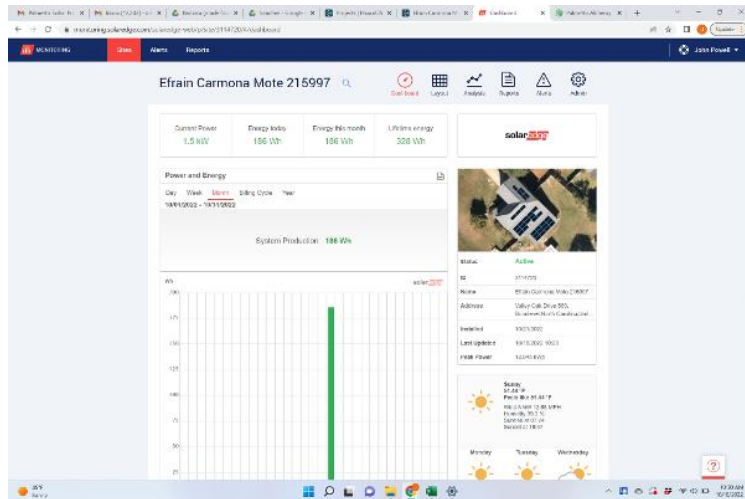
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Thompson and Son Energy Solutions LLC

Completion / Screenshot of Panels Detected and Communicating in Commissioning App (Solaredge/Enphase)



Thompson and Son Energy Solutions LLC

Completion / Clear picture showing cell unit serial number



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