

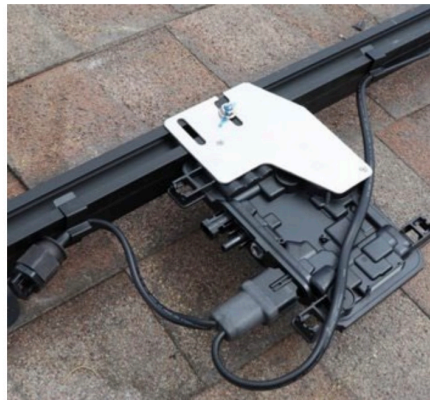
Photo: Physical Address
Confirm home site in background



Photo Tip: For homes hidden by a long driveway, provide photo of street address and a second photo of house at end of driveway.

Photo: Array Racking Before Module Installation

U-Series requirement only



Make sure all MI T-bolts are torqued and marked

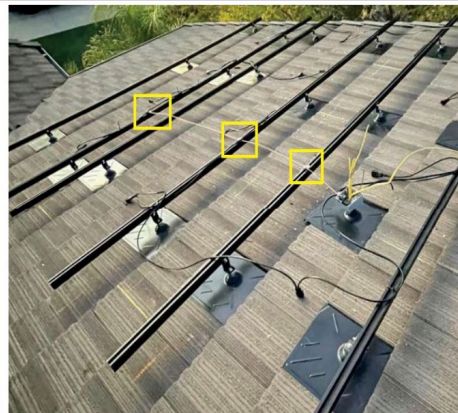
★ Take this photo before modules are placed on the rails for ALL ARRAYS

Photo: Array Bond on Equinox™ AC Modules
 Sample of row-to-row grounding clip or sample of grounding lugs




Sample photo confirming the use of torqued row-to-row grounding clips on-site.

or



If row-to-row clips aren't used, show sample of racking before modules were laid down to confirm bonding.

<p>Row-to-row (R2R) grounding clip</p>		<p>Attaches between module rows and enables the ground path to continue from one row to the adjacent row.</p>	<ul style="list-style-type: none"> • 10 mm deep socket • 85 +5/-0 in-lb (9.6 N-m)
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 <p>Lay-in lug wire terminal (from UL 1741 Table 66.1)</p>	<p>Lug Range</p>	<p>Tightening Torque</p>
	<p>18-10 AWG</p>	<p>35 in-lb</p>
	<p>8 AWG</p>	<p>40 in-lb</p>
<p>6-4 AWG</p>	<p>45 in-lb</p>	

Photo: Modules
Show all installed modules on-site



Photo Tip: For long arrays, use a panoramic feature from middle of the array or take multiple photos from both sides of the array.

Photo: Wire Management

Sample photo of wire management under the arrays



Photo Tip: Take this photo from between the top and bottom rail of the row. This photo is not allowed to be taken from ground level.

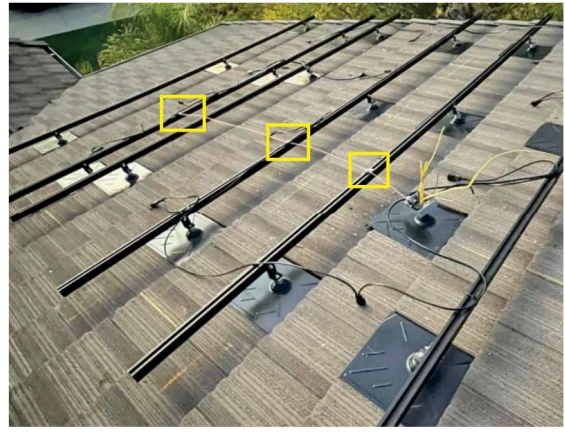
★ **Wires touching the roof will result in an automatic failure of a quality audit.**

Photo: Array Bond on Equinox™ U-Series Modules

Sample of row-to-row bonding jumper or sample of grounding lugs



Or Copper and Lugs



If row-to-row clips aren't used, show sample of racking before modules were laid down to confirm bonding.


 Lay-in lug wire terminal (from UL 1741 Table 66.1)	Lug Range	Tightening Torque
	18-10 AWG	35 in-lb
	8 AWG	40 in-lb
	6-4 AWG	45 in-lb

Photo: Roof/Attic Solar J-Box
 Sample photo of rooftop J-box installed on site



Photo Tips:

- Photo must show completed work with the lid off and wiring complete.
- Capture the rail ground lug in photo, if applicable.
- Show all torque marks on ground lug.
- Use camera flash if it's dark out.
- Reference SunPower's installation requirements regarding disallowed circuit wire splicing methods.
- ★ Make sure all grounding terminations are also torqued and marked.
- If using a DIN rail, ensure torque marks can be seen for wiring terminations.

LAY-IN LUG WIRE TERMINAL			
	Lay-in lug wire terminal (from UL 1741 Table 66.1)	Lug Range	Tightening Torque
		18-10 AWG	35 in-lb
		8 AWG	40 in-lb
		6-4 AWG	45 in-lb


RAIL GROUND LUG	
	<p>An assembly that fits securely into the top rail channel and accommodates the equipment grounding conductor.</p> <p>For M6 bolt:</p> <ul style="list-style-type: none"> • 10 mm deep socket • 85 +5/-0 in-lb • ½" socket • 35 +5/-0 in-lb

Photo: Conduit Penetration

Sample photo of site roof penetration taken from rooftop

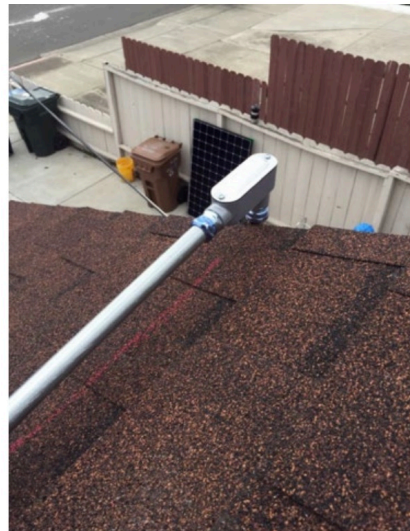


Photo Tip: A J-box with flashing incorporated into the design counts as both J-box wiring photo and conduit penetration photo. If no roof penetration, show the conduit going off the roof edge.

Photo: Electrical Equipment

Wide-angle shot of all indoor and outdoor ground-level electrical equipment on-site



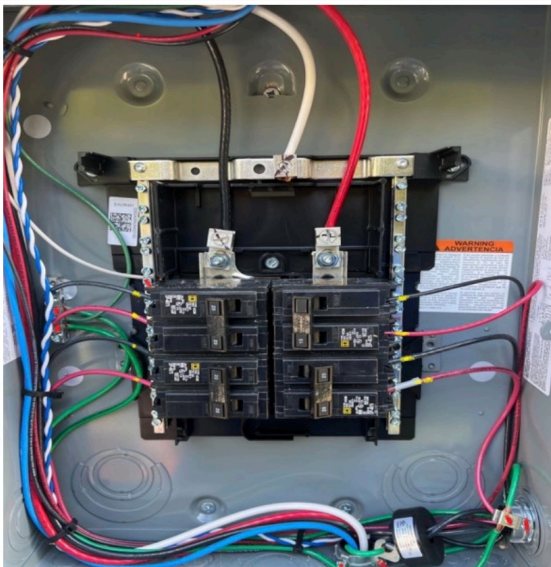
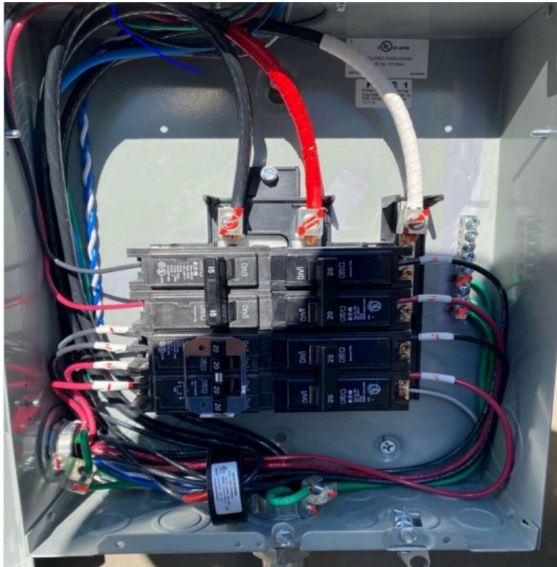
May require multiple photos:

- Meter or meter/main service panel
- Solar load centers (if applicable)
- AC disconnects (if applicable)
- PVS device



Photo: Solar Circuit Load Center (If Applicable)

Cover removed, showing wiring



Make sure all grounding terminations are also torqued and marked

Photo Tip: Ensure breaker sizes are legible. Ensure torque marks for field wiring terminations can be seen.

Photo: AC Disconnect (If Applicable)

Cover removed, showing wiring

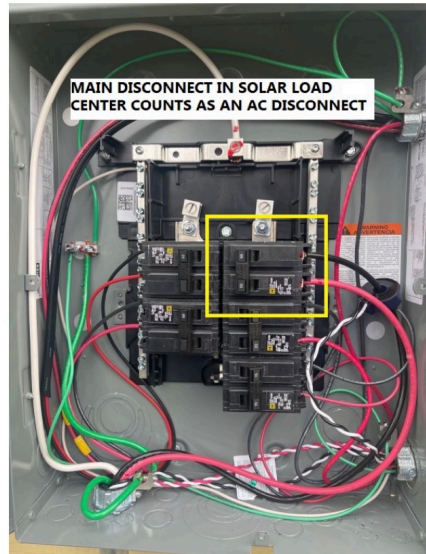
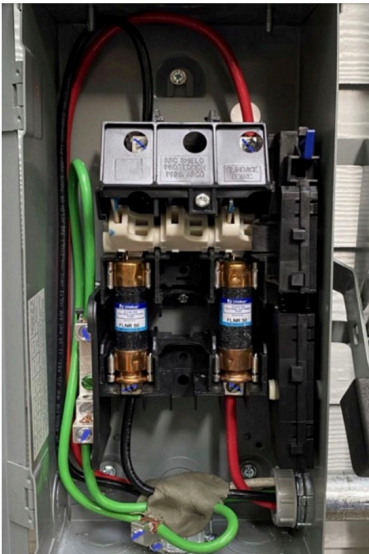
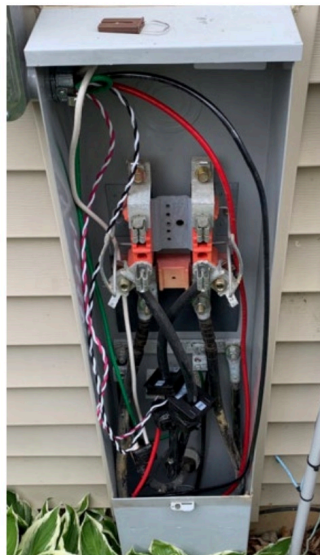
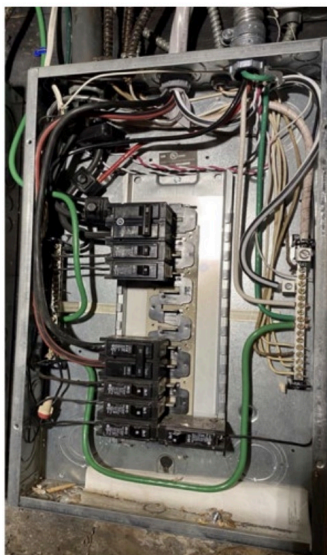
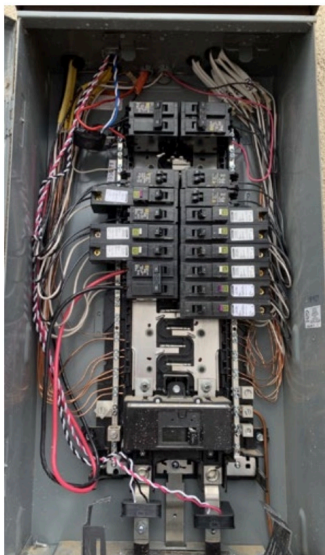


Photo Tip: Ensure torque marks can be seen for field wiring terminations. And remember, a main disconnect breaker in a solar load center also counts as the AC disconnect photo.

Photo: Interconnection – Entire Utility

Wide-angle of entire enclosure for the utility interconnection point (cover removed)



Make sure all grounding terminations are also torqued and marked

Photo Tip: Ensure breaker sizes are legible. Ensure torque marks for field wiring terminations can be seen.

Photo: Interconnection Method

Close-up of the method of interconnection (solar breaker, disconnect fuse, line taps, etc.)

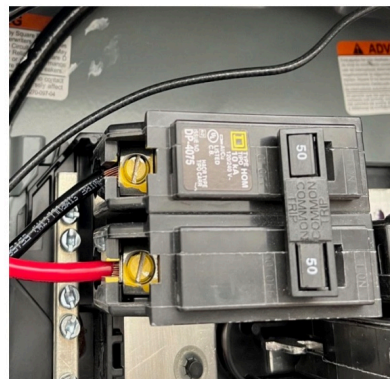
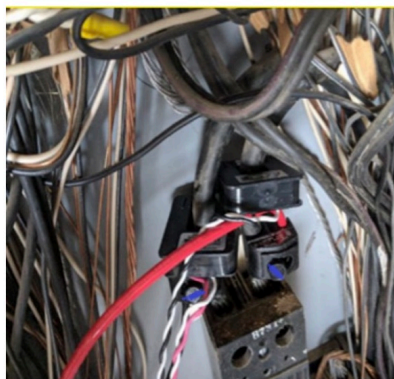


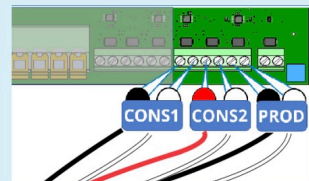
Photo Tip:

- Close-up photos of solar breakers need to clearly show breaker size
- **For line or load-side taps**, photos need to show both the taps' main panel and the fuses in the disconnect
- Remember, close-up photo of the **main disconnect breaker** for a solar load center also counts as a fuse
- Ensure all torque marks can be seen for field-wiring terminations



Photo: PVS

PVS wiring and serial number, lid removed

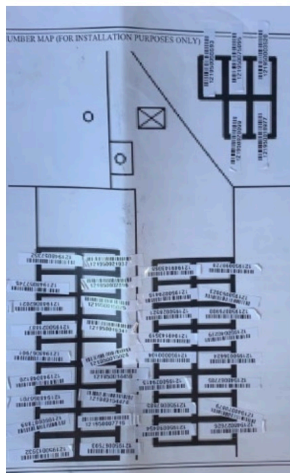
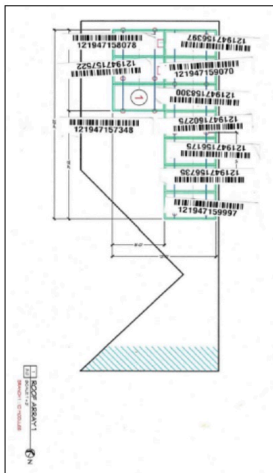


CAUTION
Tighten all terminals
to 0.5–0.6 Nm
(4.4–5.3 in-lb).
DO NOT overtighten.

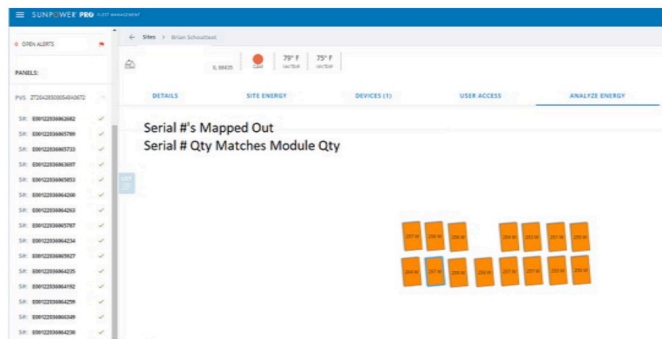
Photo: Array Map

Microinverter serial number array map

- Using the microinverter serial number stickers located on the back of the solar modules, create a map of the array where the serial number represents the location of that module on the roof
- A screen shot of a completed map in the SunPower Pro Fleet Management or SunPower Pro Connect also works



or





SunVault™ Storage

Photo examples
in order of JCO Checklist
for SunVault™ System
(if applicable)

- Minimum of **15-22 photographs** depending on system
- SunPower's Minimum NEC code requirement year is 2017
- Reference SunPower's 2022 installation requirements

Photo: Outdoor and Indoor Electrical Work
Wide-angle of all electrical work done outside and inside home



Photo Tip: The meter or meter/main service panel must always be in a photo.

Photo: Indoor Electrical (If Applicable)

Wide-angle of all SunVault-related electrical enclosures, including new and existing subpanels

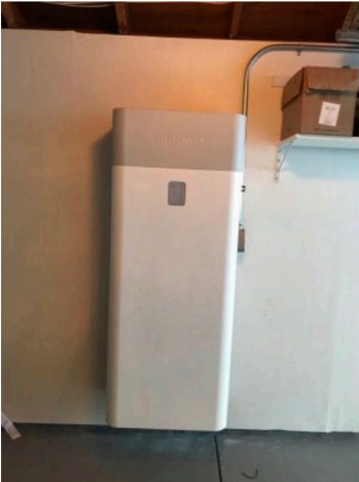


Photo: Meter/Main Service Panel (MSP) or Home Main Load Center

Cover removed and show interconnection wiring



Make sure all grounding terminations are also torqued and marked

Photo Tip: Ensure torque marks can be seen for field wiring terminations.

Photo: Hub+ Dead Front

Dead front cover showing clear photo of Hub+ circuits

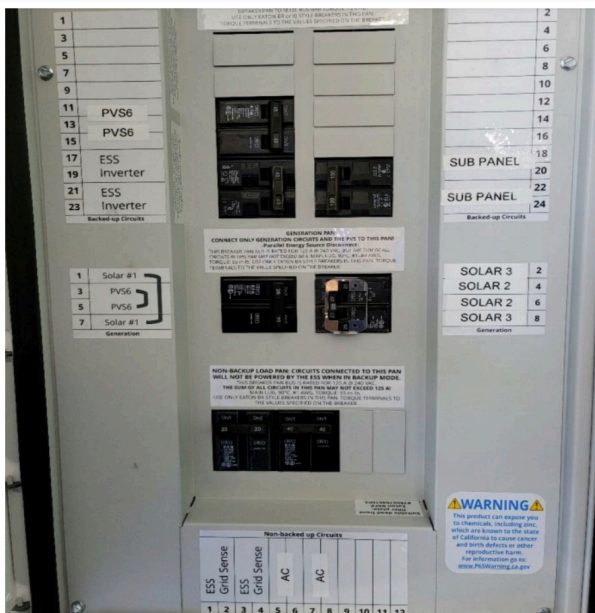


Photo Tips:

- Use a **label maker** for legible circuit labels
- Use "medium" or "high" photo size to show breaker sizes
- Use the flash function on the camera accordingly

Photo: Inside the Hub+

Dead front cover removed, PVS door open, TOP HALF of the Hub+ w/ elements outlined below

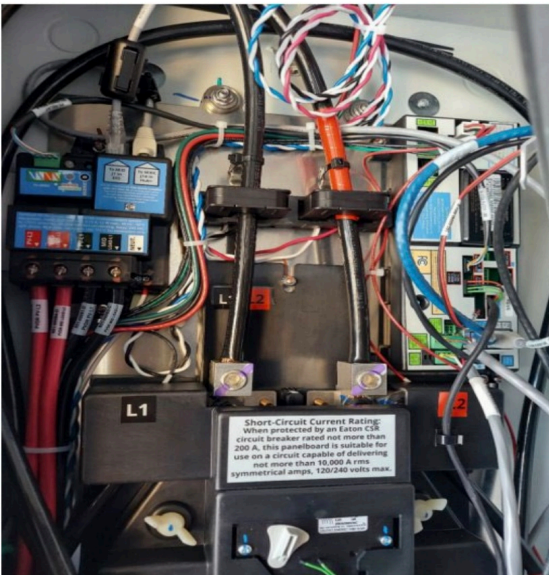


Photo Tips:

- Photograph the **top half** of the Hub+
- Show the wiring behind the PVS door
- Ensure the feeder circuits and MIDC are captured in the photo
- Ensure torque marks can be seen on field wiring terminations

Photo: Inside the Hub+

Dead front cover removed, showing **BOTTOM HALF** of the Hub+

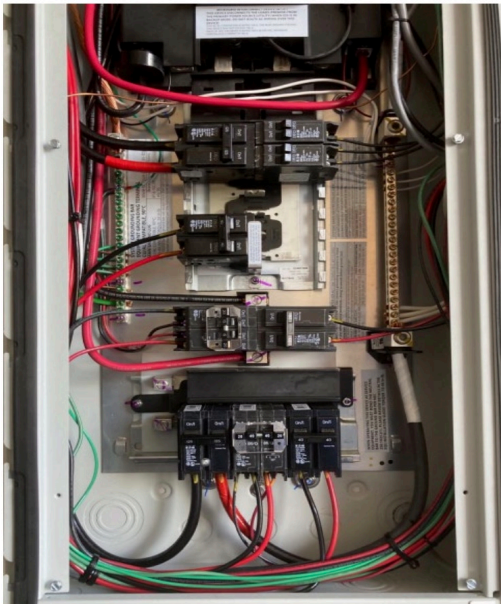
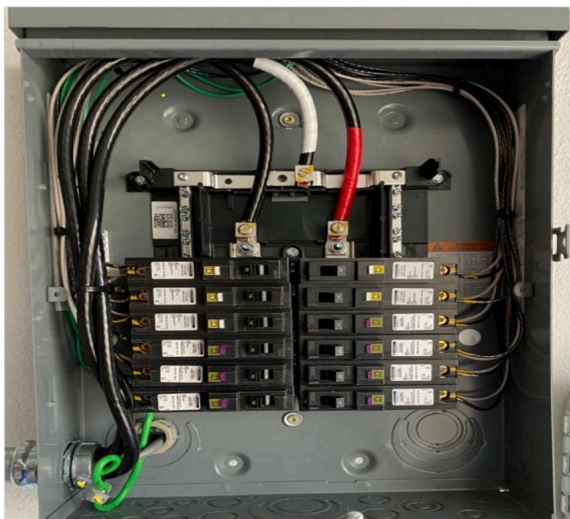


Photo Tips:

- Photograph the **bottom half** of the Hub+
- Ensure the backup pan, generation pan, and non-backup pan are all captured in the photo
- Ensure torque marks can be seen for field wiring terminations (torque paint marks on the wire next to wire termination is okay, too)
- Make sure all grounding terminations are also torqued and marked
- If used, ensure the maximum 125 A breaker protecting the non-back up pan uses a screw-down kit

Photo: Field-Installed Load Centers (If Applicable)

Cover removed and showing wiring of all field-installed backup and non-backup load centers



Make sure all grounding terminations are also torqued and marked

Photo Tips: Ensure torque marks can be seen for field wiring terminations. Torque paint marks on the wire next to termination are accepted.

Photo: MIDC Communication Wiring

Photograph of the ENTIRE MIDC

Photo Tip:

Show all data terminations for the MIDC in one photo.



Photo: Consumption CTs

Show ALL consumption CTs used on-site, including factory installed CTs

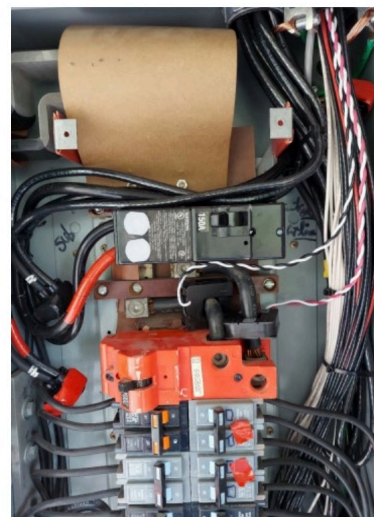
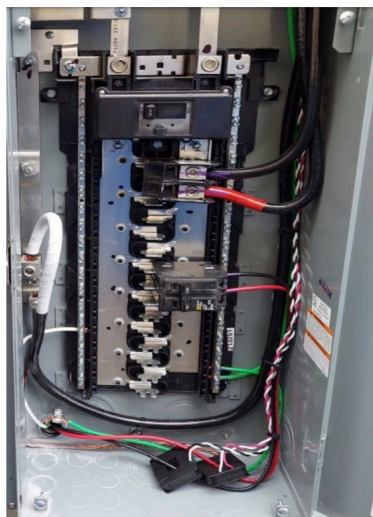
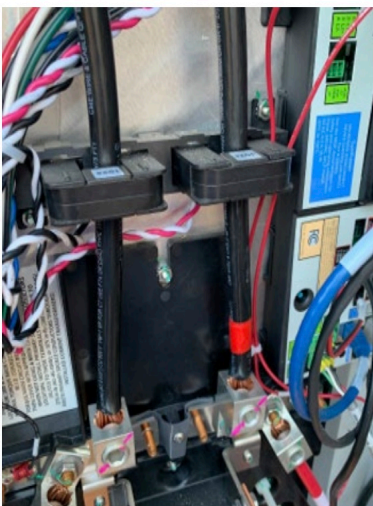


Photo Tip: Make sure every circuit in the home is measured with a consumption CT.

Photo: BASE ESS Communications

Close-up of comm and power wiring in the Base ESS

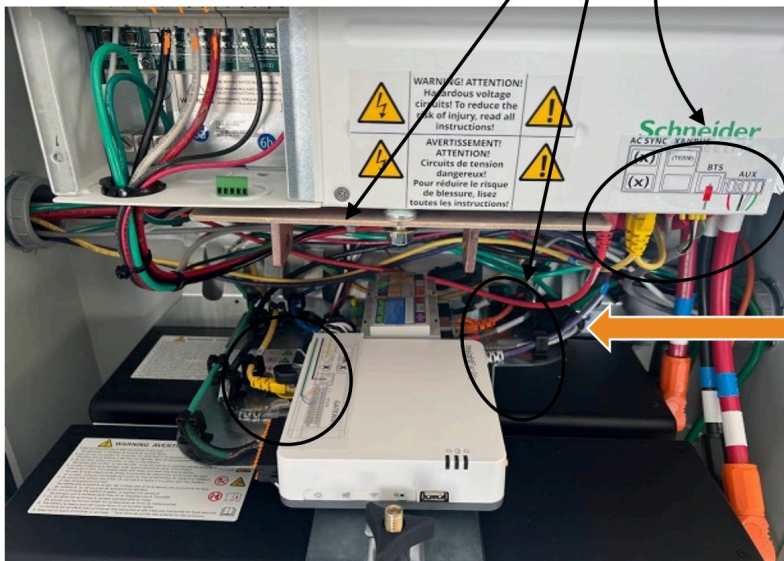


Photo Tip: Stand in front of the Gateway. Capture Inverter AC terminations and communication connections **in one photo**.

Photo Tip: Ferrite core snapped on the gray communication cable and plugged into the J1 port of the MIO.

Photo Tip: Ensure torque marks can be seen for field power conductor terminations in AC1 and AC2.

Photo: Production CTs

Show ALL production CTs used on-site, including factory installed CTs

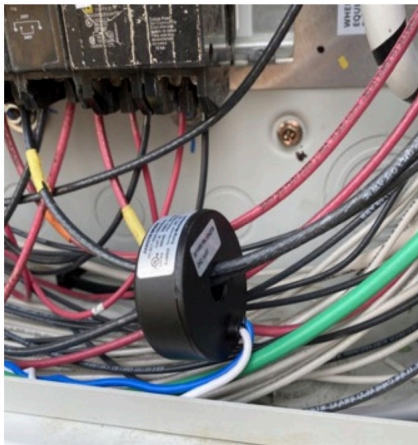
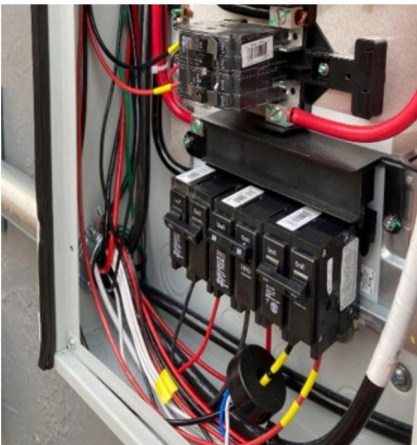


Photo Tip: Make sure every PV circuit not installed in the generation panel has a production CT measuring output. Ensure labels of additional production CTs face the same direction as the factory-installed production CT.

Photo: ESS Multi-Inverter – Second Enclosure

Close-up required for the multi-inverter second unit

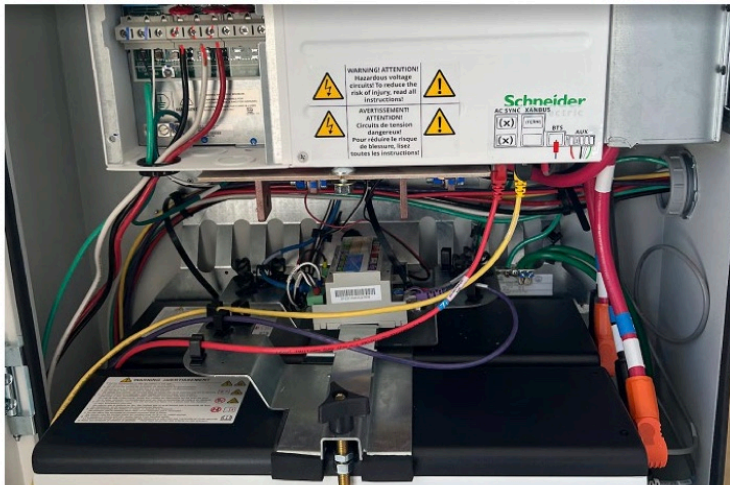


Photo Tip:
Stand in front of the Gateway. Capture Inverter AC terminations and communication connections **in one photo**.

Photo Tip: Ensure torque marks can be seen for AC wiring terminations. Torque paint marks on the wire next to termination are also ok.