





REC Alpha Pure-RX Series
REC460AA Pure-RX
Serial Number: FB6-7006274094

Power Output (Pmax)
Watt Class Sorting
Power Production Tolerance
Rated Voltage (Vmpp)
Rated Current (Impp)
Open Circuit Voltage (Voc) (+/- 3%)
Short Circuit Current (Isc) (+/- 3%)
Maximum System Voltage (Vsys)
Maximum Series Fuse (DC) (UL)
Maximum Series Fuse (DC) (IEC)
Design Load
Maximum Test Load
(Values at STC, 1000 W/m² AM 1.5, cell temp 25°C)

460 W
0 / +10 W
+/- 3 %
54.9 V
8.38 A
65.8 V
8.88 A
1000 V
25 A
25 A
+4666 / -2666 Pa*
+7000 / -4000 Pa*





**REC**

REC Alpha Pure-RX Series

REC460AA Pure-RX

Serial Number: FBB-7006274094

Phone: +65 6495 9228
www.recgroup.com

Power Output (Pmax)	460 W
Watt Class Sorting	0/+10 W
Power Production Tolerance	+/- 3 %
Rated Voltage (Vmpp)	54.9 V
Rated Current (Impp)	8.38 A
Open Circuit Voltage (Voc) (+/- 3%)	65.8 V
Short Circuit Current (Isc) (+/- 3%)	8.88 A
Maximum System Voltage (Vsys)	1000 V
Maximum Series Fuse (DC) (UL)	25 A
Maximum Series Fuse (DC) (IEC)	25 A
Design Load	+4666 / -2666 Pa*
Maximum Test Load	+7000 / -4000 Pa*

(Values at STC: 1000 W/m² AM 1.5, cell temp 25°C)Intertek
5017774

- Conforms to UL Std. 61730-1/-2
- Certified to CSA Std. C22.2#61730-1/-2
- UL Fire Rating Type 2"



- IEC 61215:2021
- IEC 61730:2016

See installation manual for *) mechanical installation requirements and
*) installation requirements to achieve a specified system fire class

Manufactured: 06.11.2024



Warning electrical hazard. This module produces electricity when exposed to light.

CAUTION: DO NOT DISCONNECT UNDER LOAD

Avertissement: Risque de choc électrique. Ce module solaire produit de l'électricité lorsqu'il est exposé à la lumière.

ATTENTION: NE PAS DECONNECTER SOUS TENSIONFor field connections, use min. 4 mm² (12 AWG) UL PV wires insulated for a min. of 90°CMade in Singapore by REC SOLAR PTE. LTD.
20 TUAS SOUTH AVENUE 14, SINGAPORE 637312, SINGAPOREEU/Europe Contact: REC Solar EMEA GmbH
Balanstr. 71a, 81541 Munich, Germany, Tel: +49 (0)89-442-38590
For other regions see: www.recgroup.com/contact97 SUNNYBROOK LANE
LILLINGTON, NC 27546



 **ENPHASE.**

IQ8X

Grid Support Utility Interactive Inverter
Multimode Inverter

Patent Information: <https://enphase.com/patents>

Off-grid Power Factor: -1 to 0 to +1

Grid-tied Power Factor: +/- 0.85

DC input range: 25-79.5 V

Max. input short-circuit current: 16 A

Max. input continuous current: 10 A

AC output voltages: 240 V / 208 V

AC output currents: 1.58 A / 1.73 A

AC output frequency: 60 Hz

AC output power (max. continuous): 380 VA/360 VA

Operating temperature: -40 °C to +65 °C

Ingress protection: NEMA Type 6



PV Rapid Shutdown System Equipment

NEC 690.12 and C22.1-2015 Rule 64-218

UL 1741 3rd Ed., incl. SB Compliant

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.



CAUTION: RISK OF SHOCK. WARRANTY VOID IF COVER REMOVED. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: ELECTRIC SHOCK HAZARD. DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED. AC AND DC VOLTAGE SOURCES TERMINATE INSIDE THIS EQUIPMENT. DISCONNECT BOTH BEFORE SERVICING. PHOTOVOLTAIC ARRAY SUPPLIES A DC VOLTAGE TO THIS EQUIPMENT WHEN EXPOSED TO LIGHT. HOT SURFACES: TO REDUCE THE RISK OF BURNS - DO NOT TOUCH.

ATTENTION: RISQUE D'ELECTROCUTION. LES CONDUCTEURS CC DE CE SYSTÈME PHOTOVOLTAÏQUE NE SONT PAS RELIÉS À LA TERRE ET PEUVENT ÊTRE SOUS TENSION. DES SOURCES DE TENSION CA ET CC SONT CONNECTÉES À CET APPAREIL. ISOLER LES DEUX SOURCES AVANT TOUTE INTERVENTION. LES CÂBLES COURANT CONTINU SONT SOUS TENSION LORSQUE LE CHAMP PHOTOVOLTAÏQUE EST EXPOSÉ À LA LUMIÈRE. RISQUE DE BRÛLURE, NE PAS TOUCHER.

Made in the USA
from imported parts



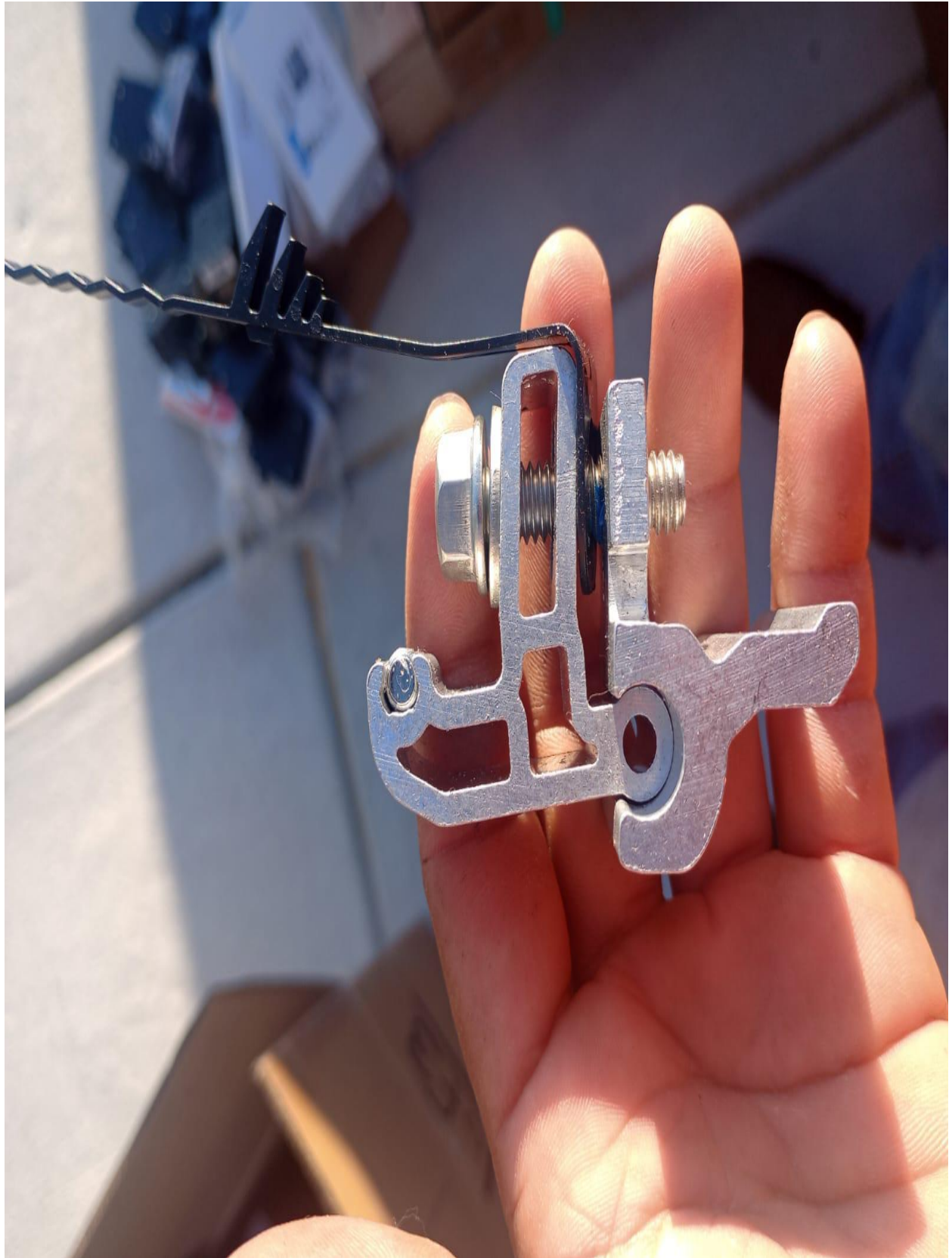


SN: 542444005745 TAN: 881-02224



IQ8X-80-M-US
881-02224 04

542444005745























ENPHASE.

IQ8X

Output Specifications: Maximum Power Point Tracking (MPPT) Efficiency: 97.5%
Maximum Output Power: 1500W
Maximum Output Voltage: 150VDC
Maximum Output Current: 10A
Operating Temperature: -40°C to +65°C
Storage Temperature: -40°C to +125°C
Humidity: 5% to 95% RH
Vibration: 10g
Shock: 10g
EMC: CE Marked
UL: UL1741
FCC: FCC Part 15 Class B
RoHS: RoHS Compliant
REACH: REACH Compliant
Warranty: 5 Years
Made in the USA

WARNING: This device contains high voltage components. Do not touch the internal components. Only qualified personnel should service this device.

ATTENTION: This device is not to be used in conjunction with other solar charge controllers. Only one solar charge controller should be used per inverter.

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MADE IN THE USA

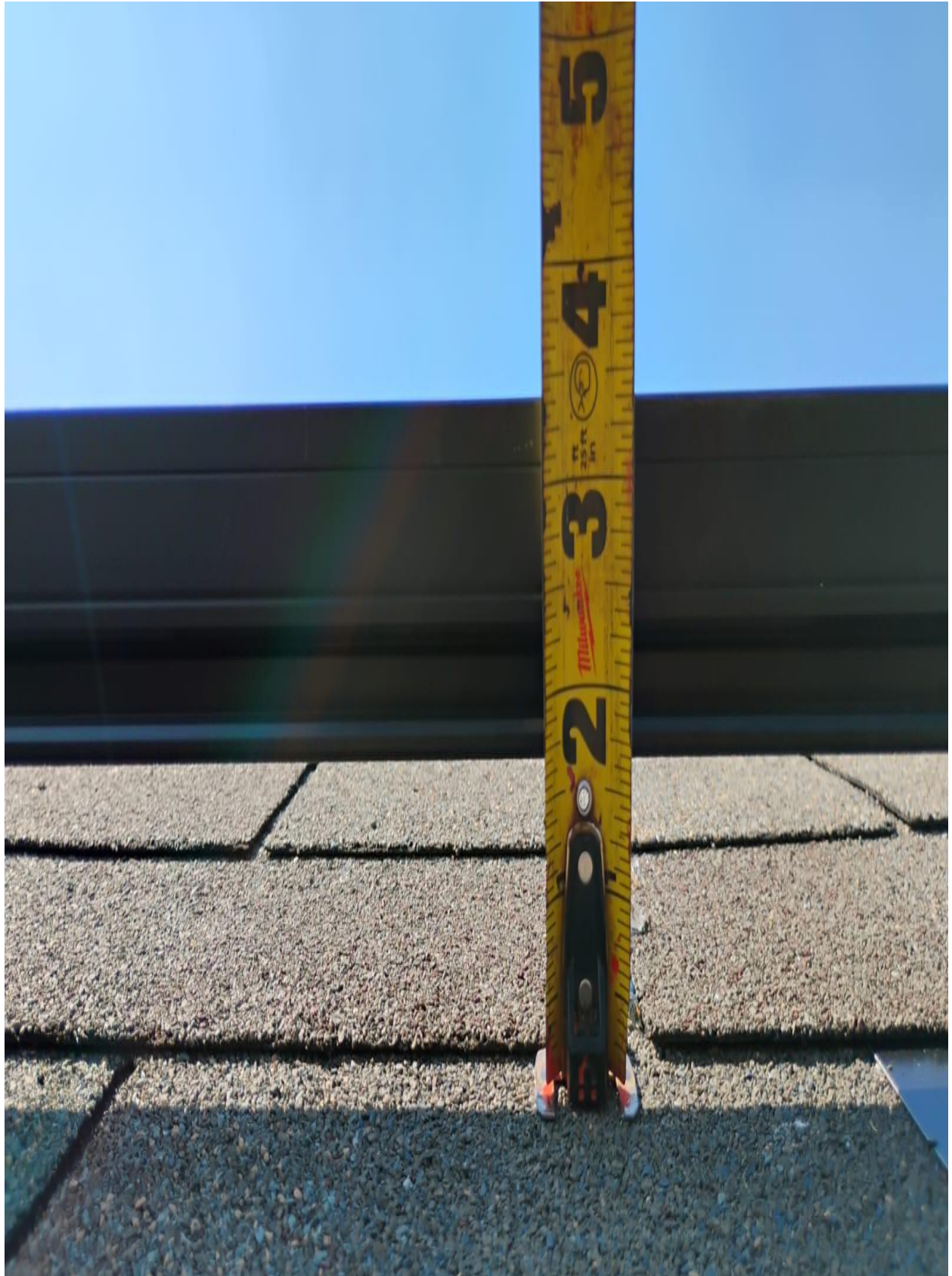
from imported parts







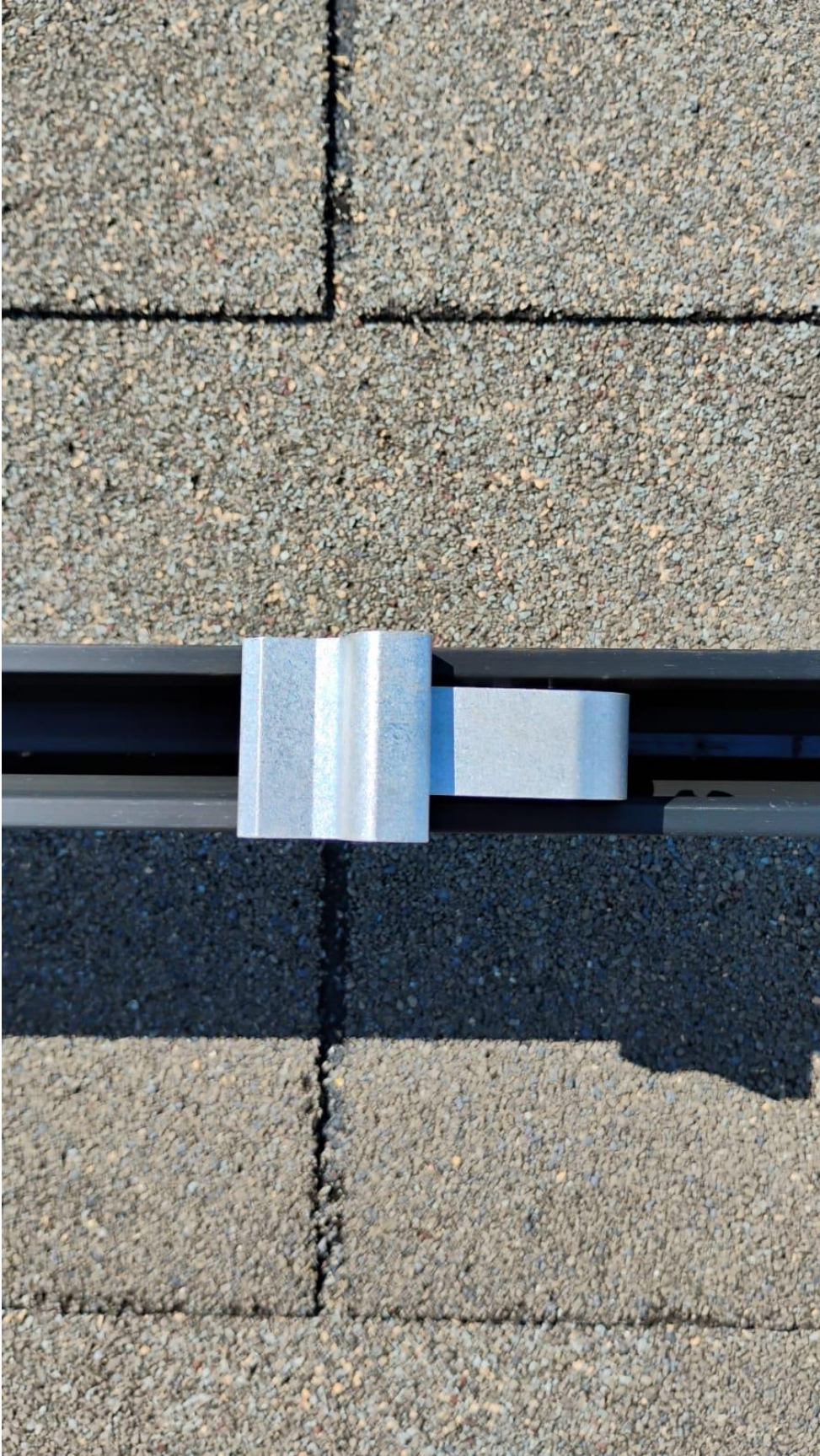










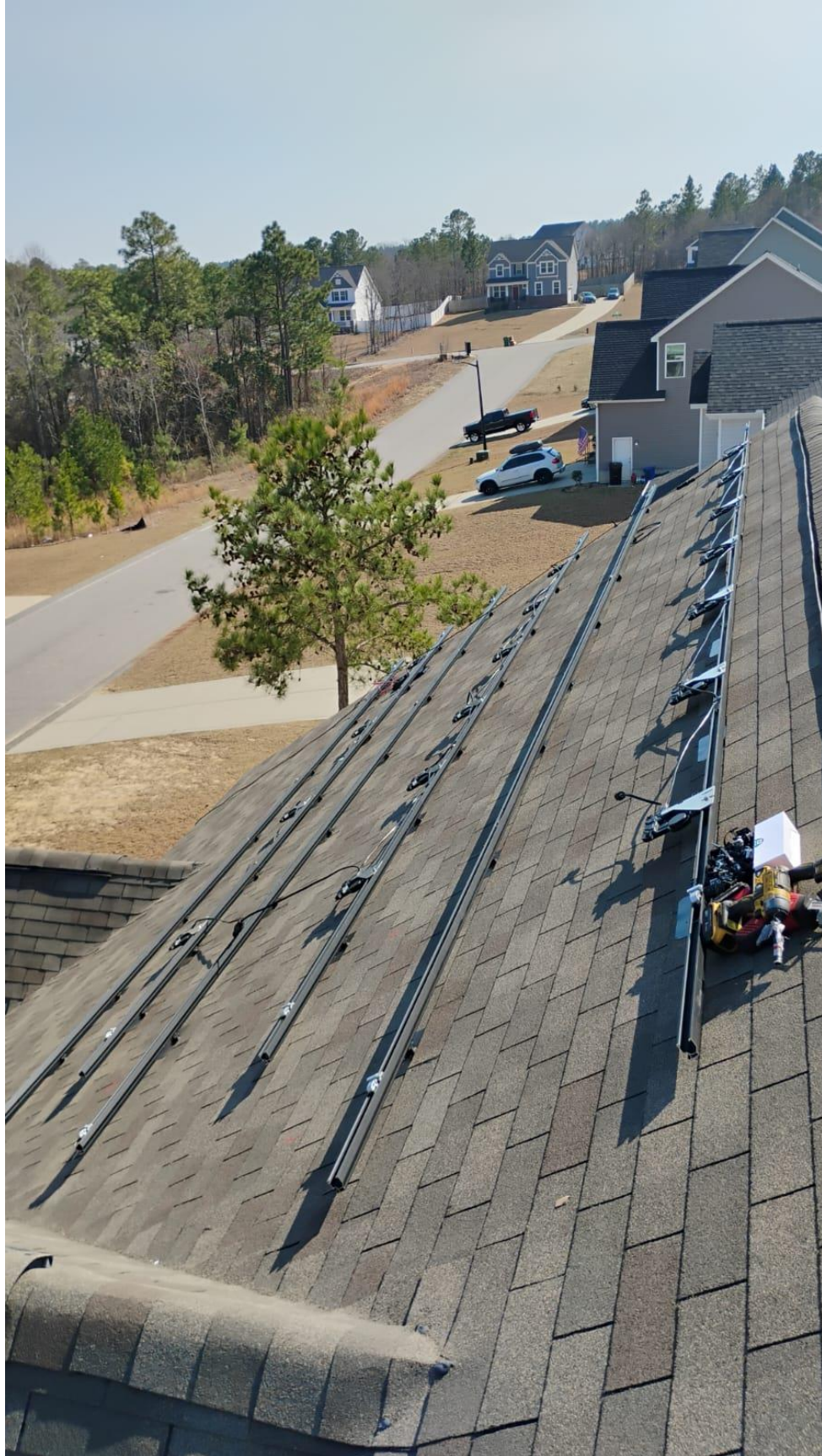








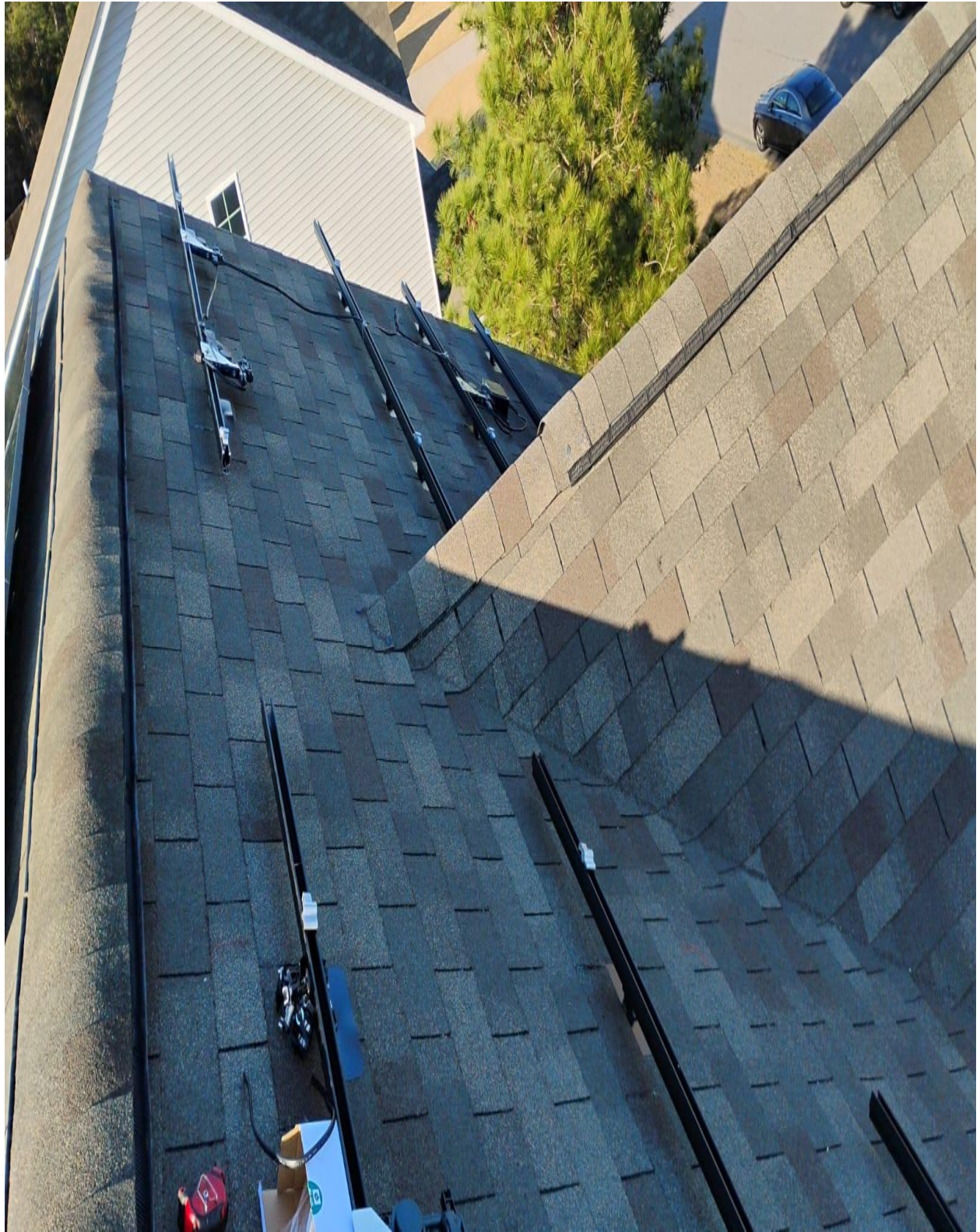






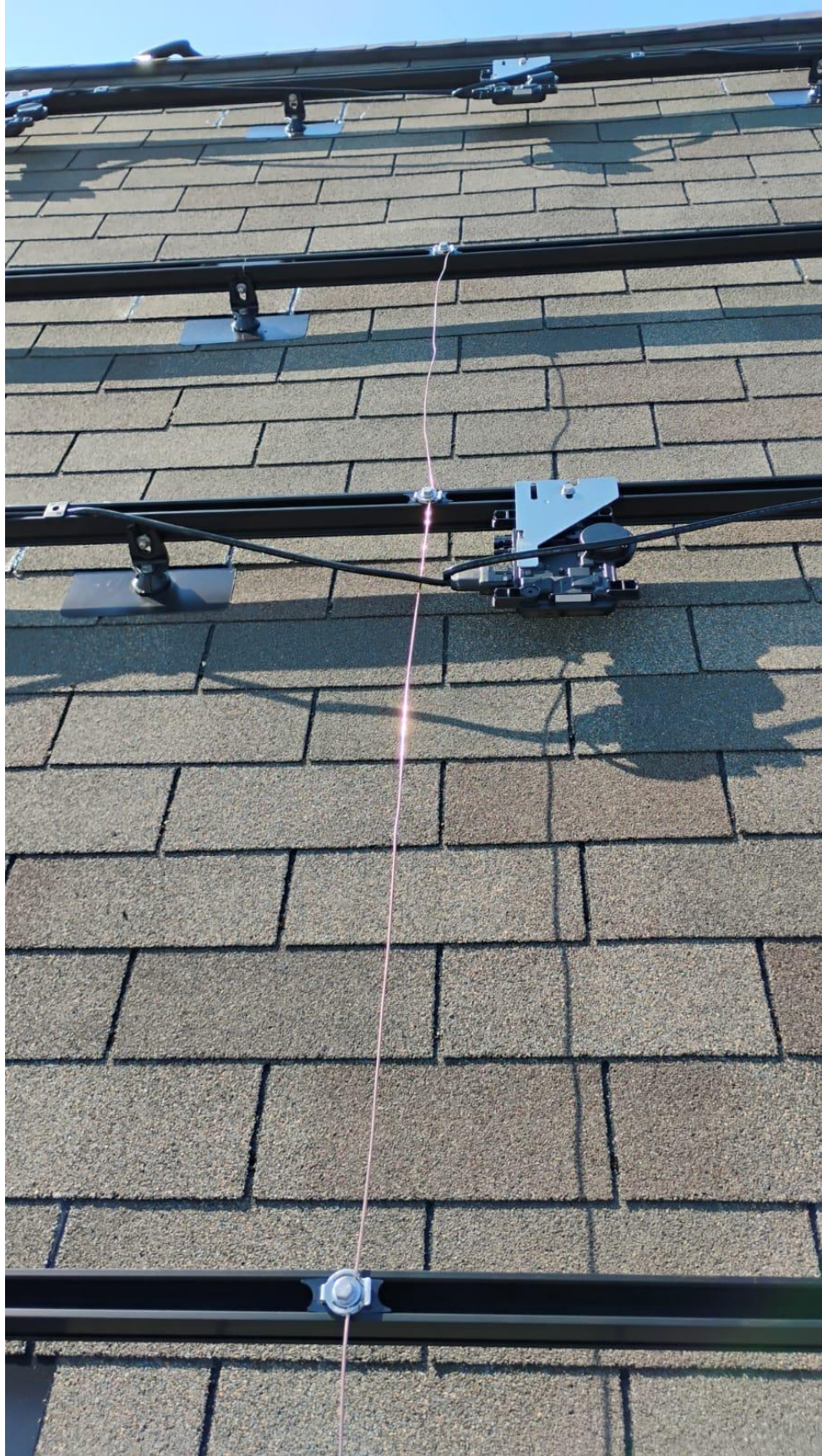


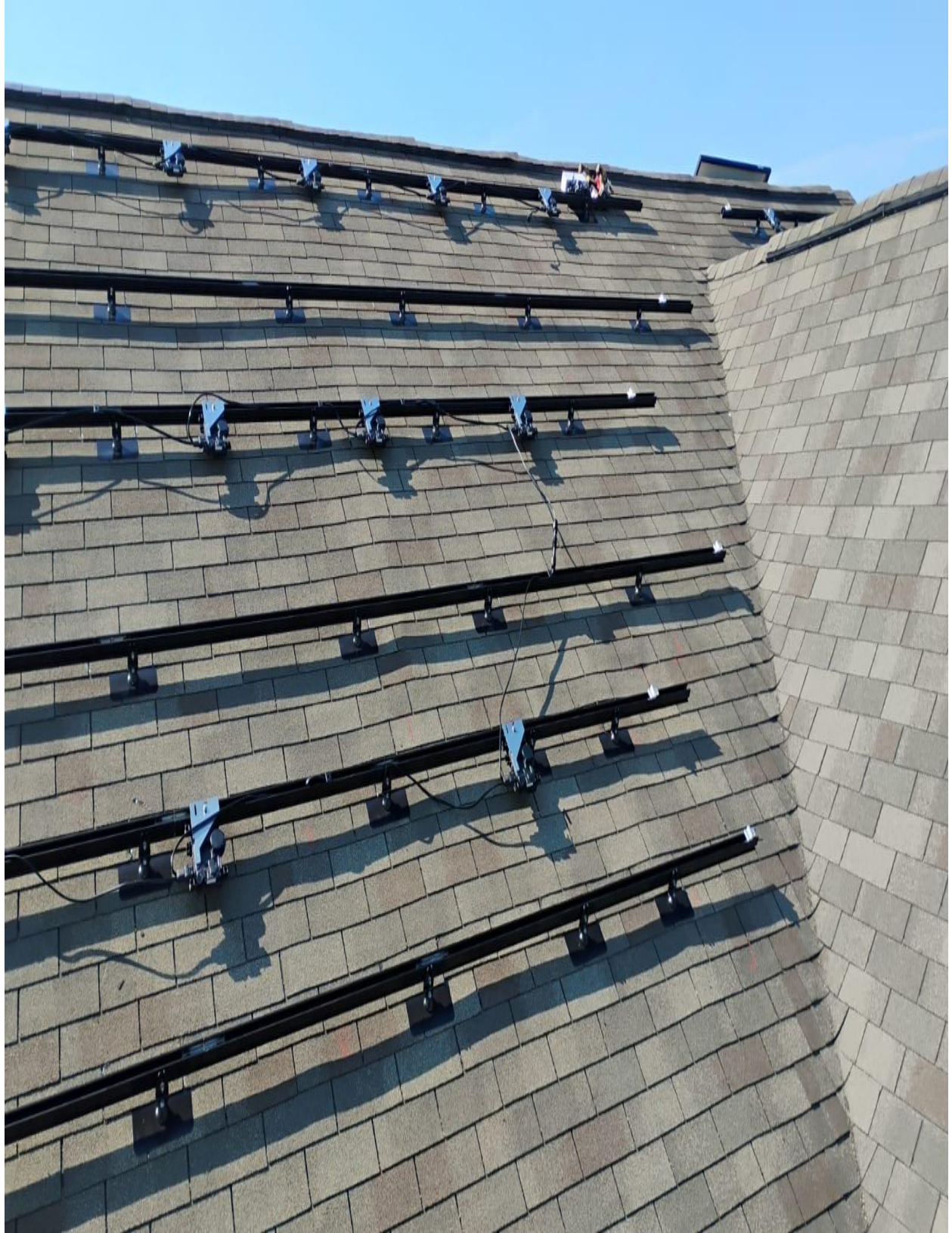


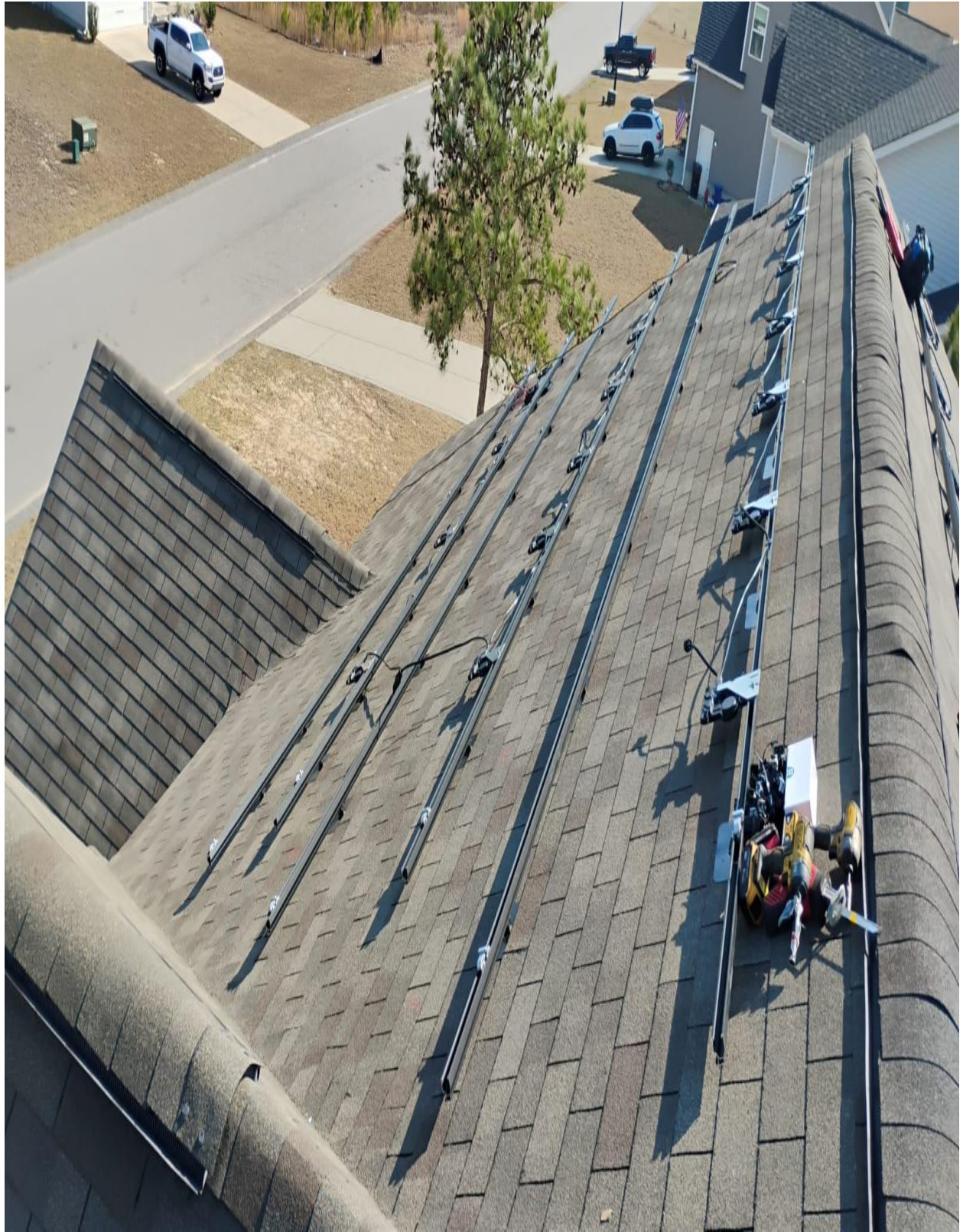


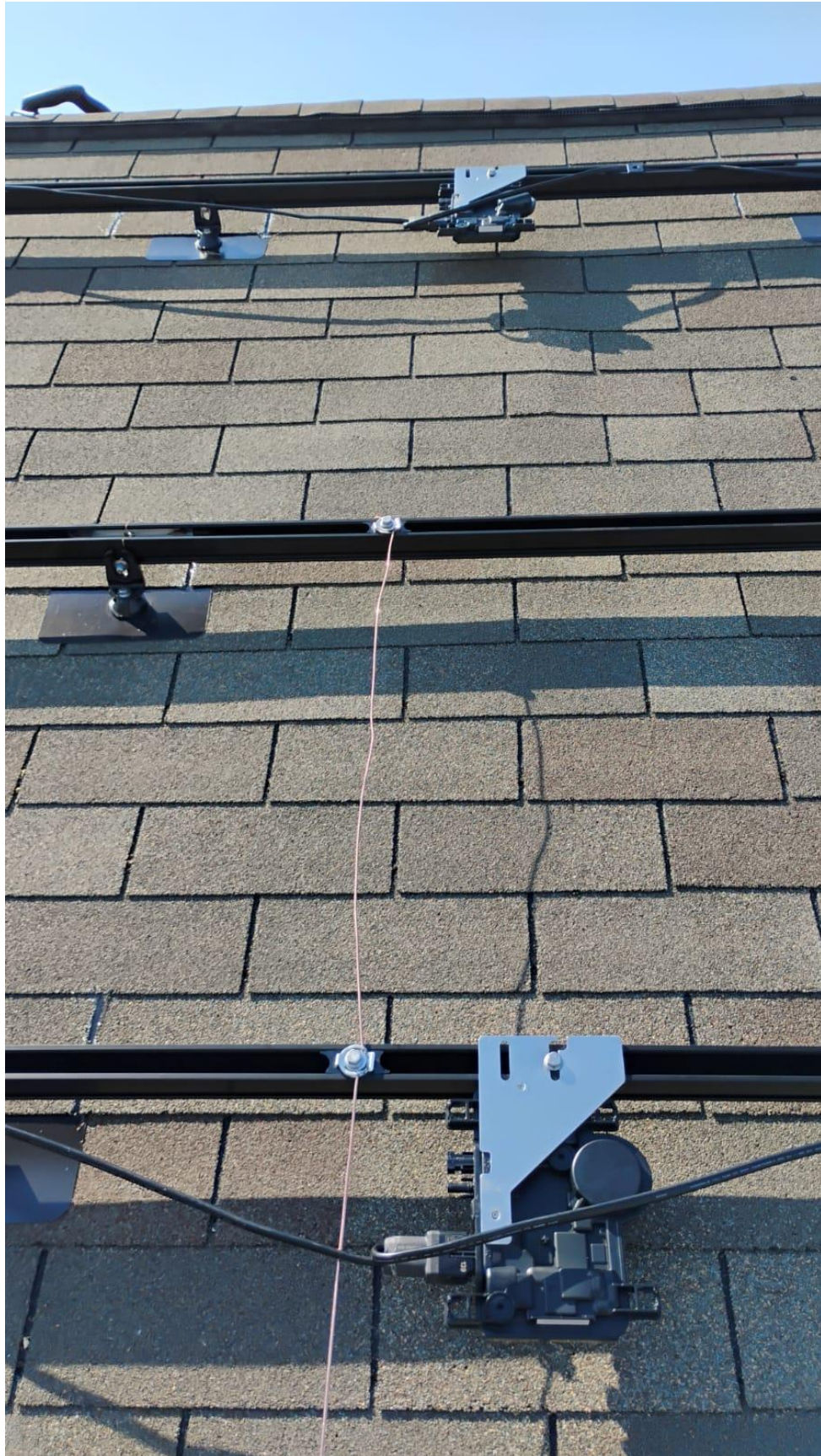


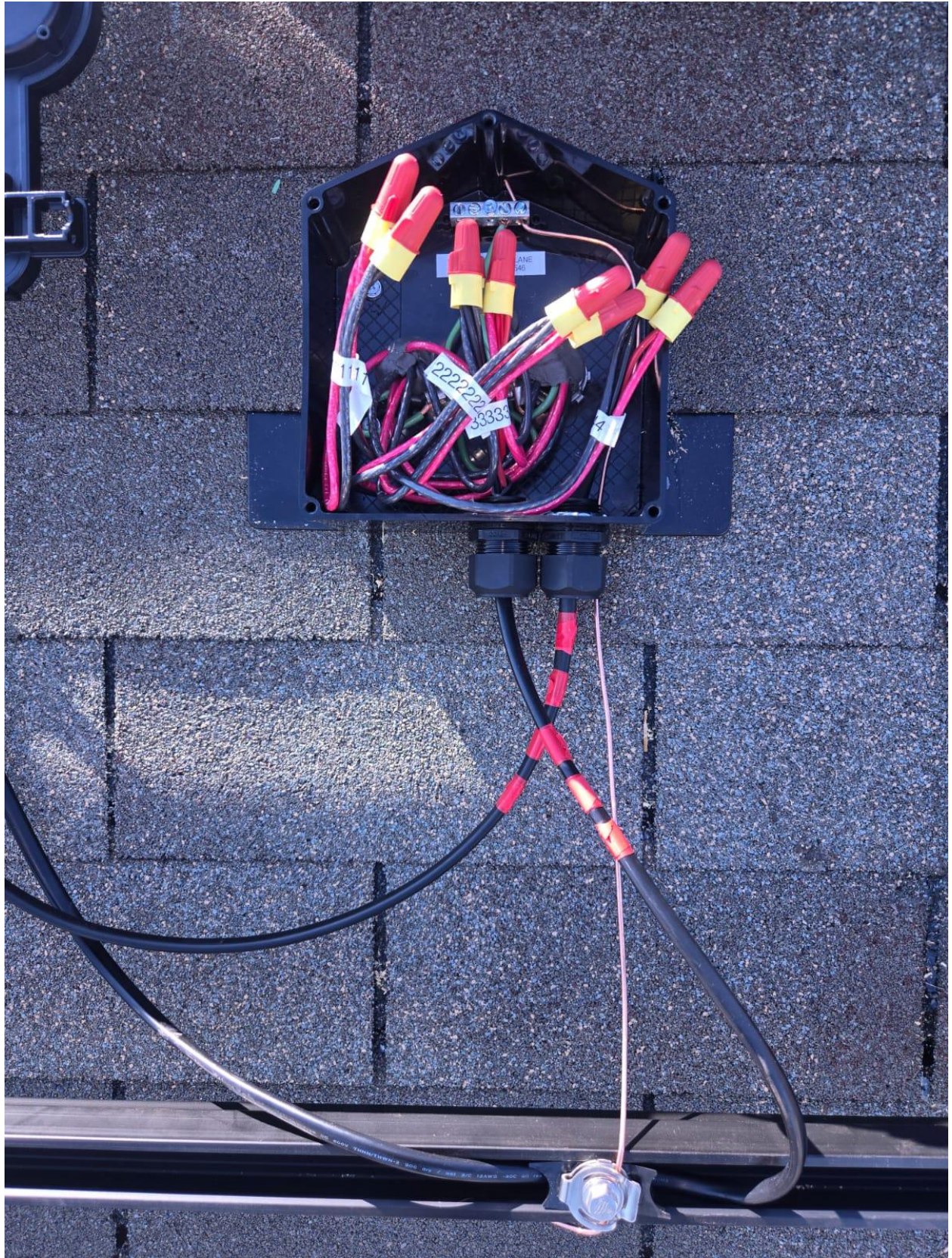






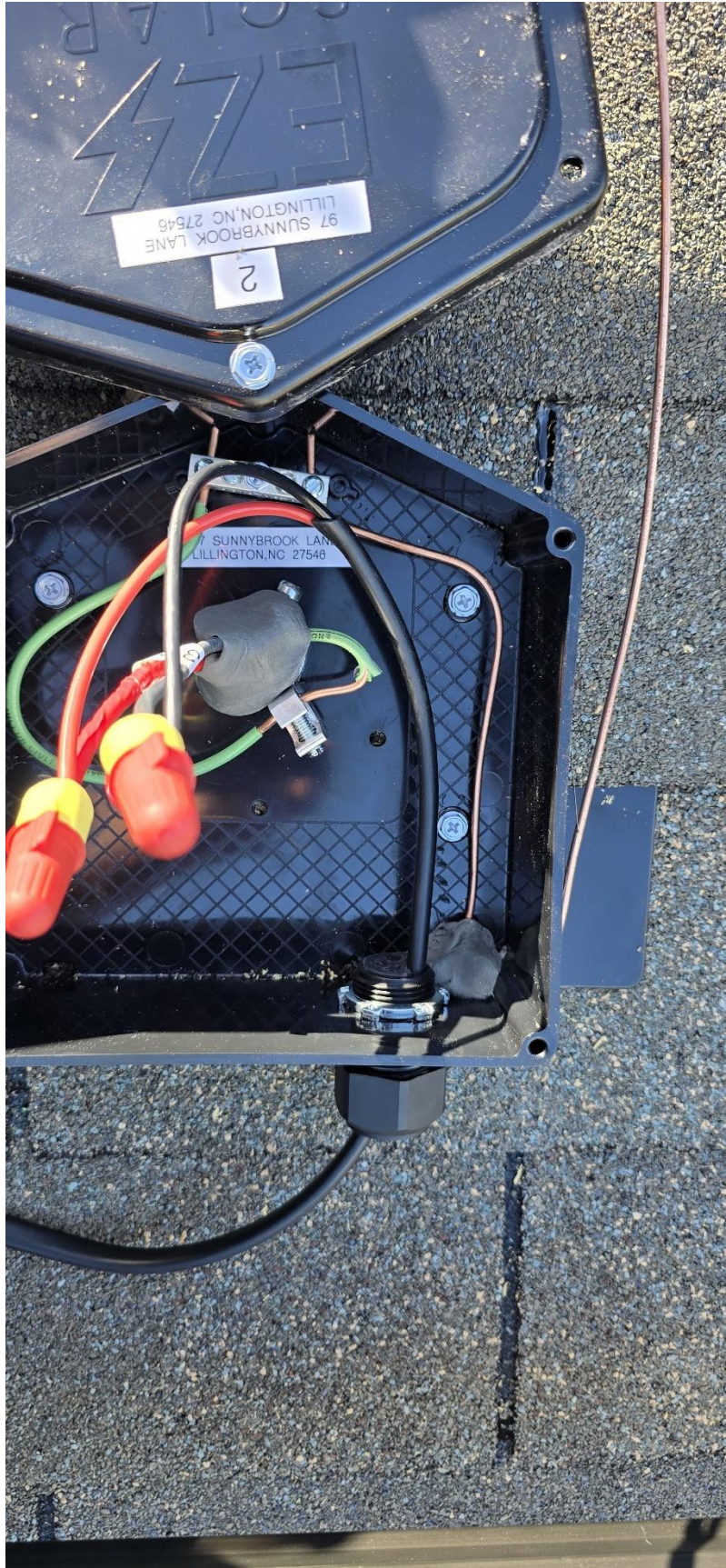




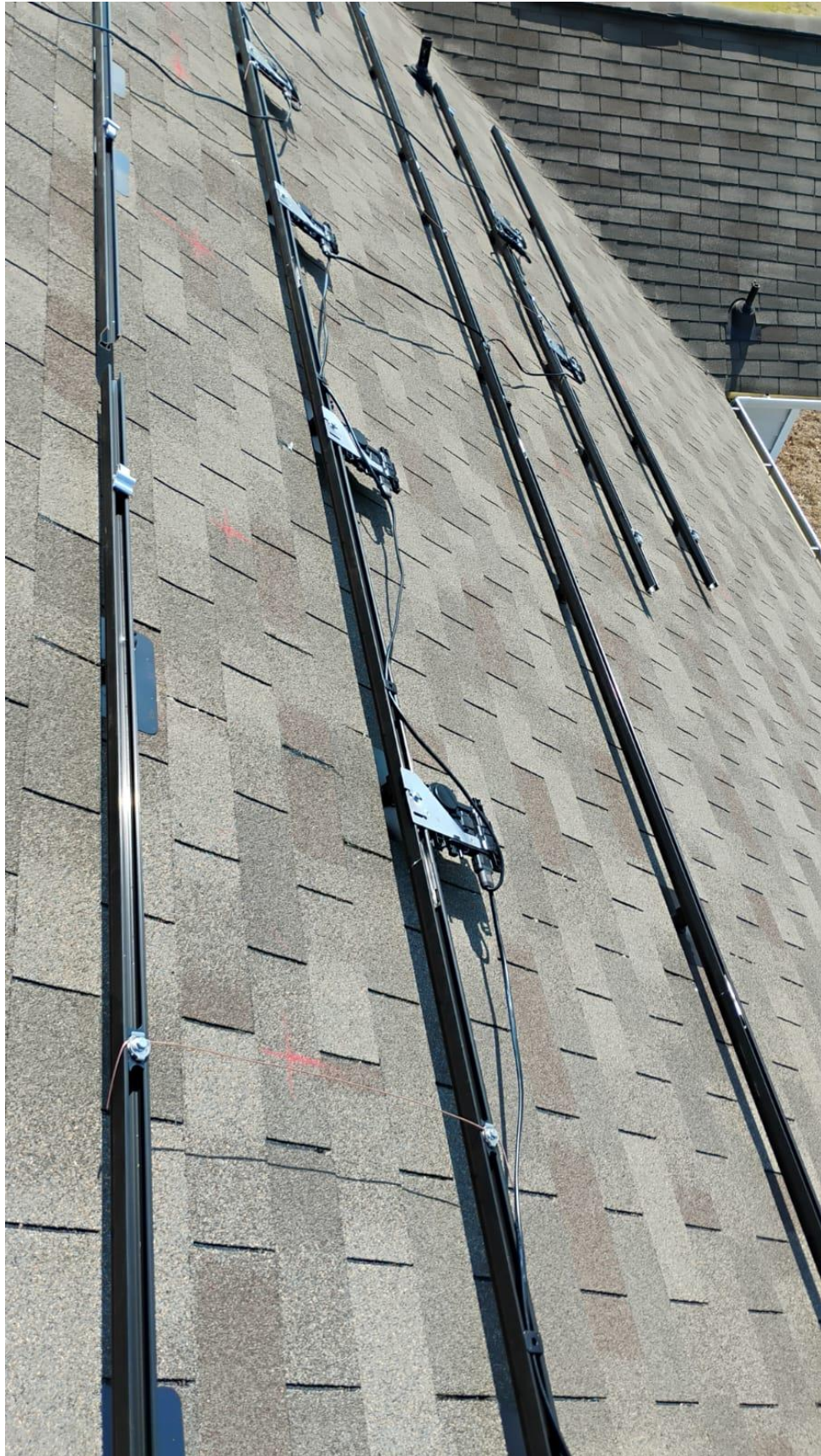


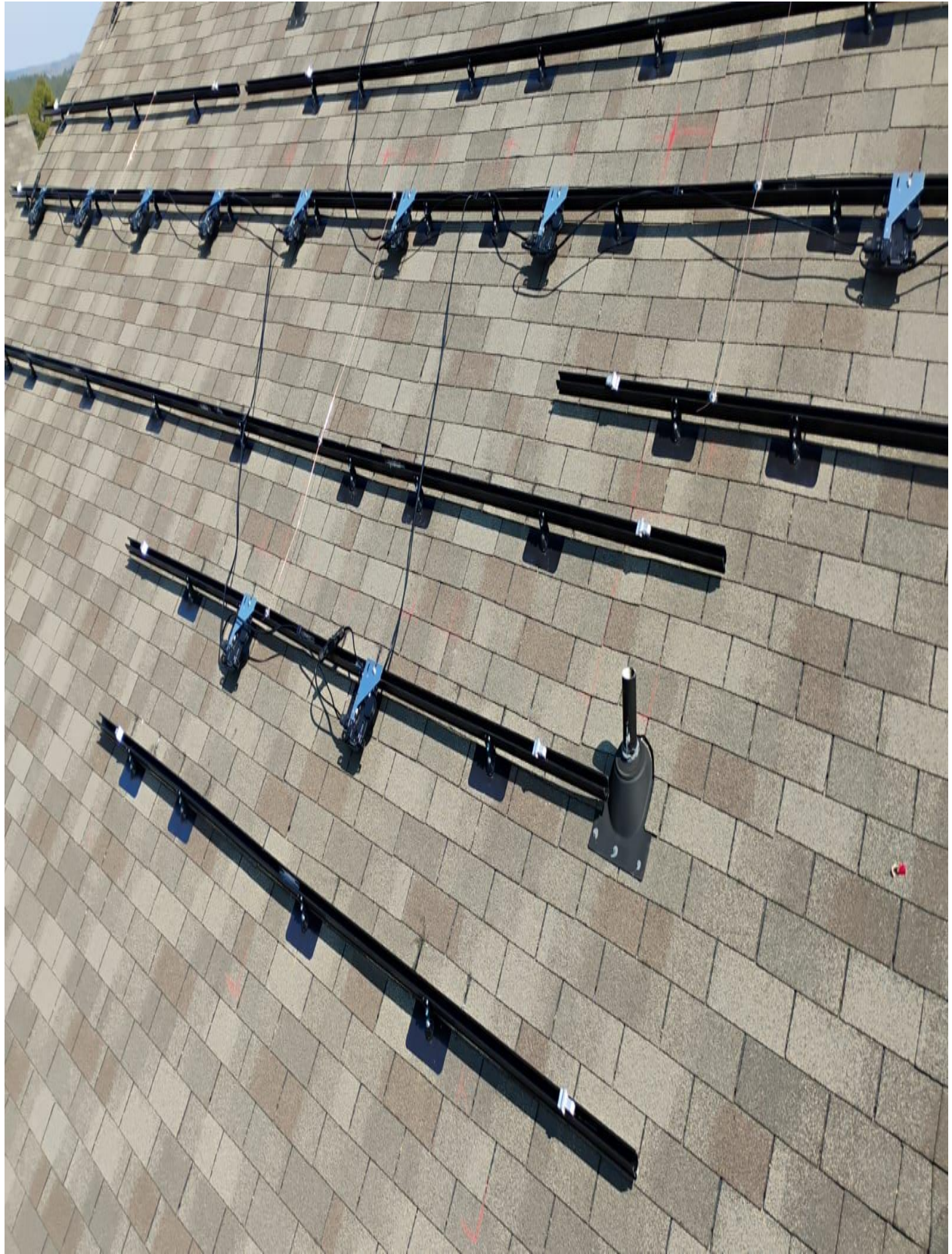


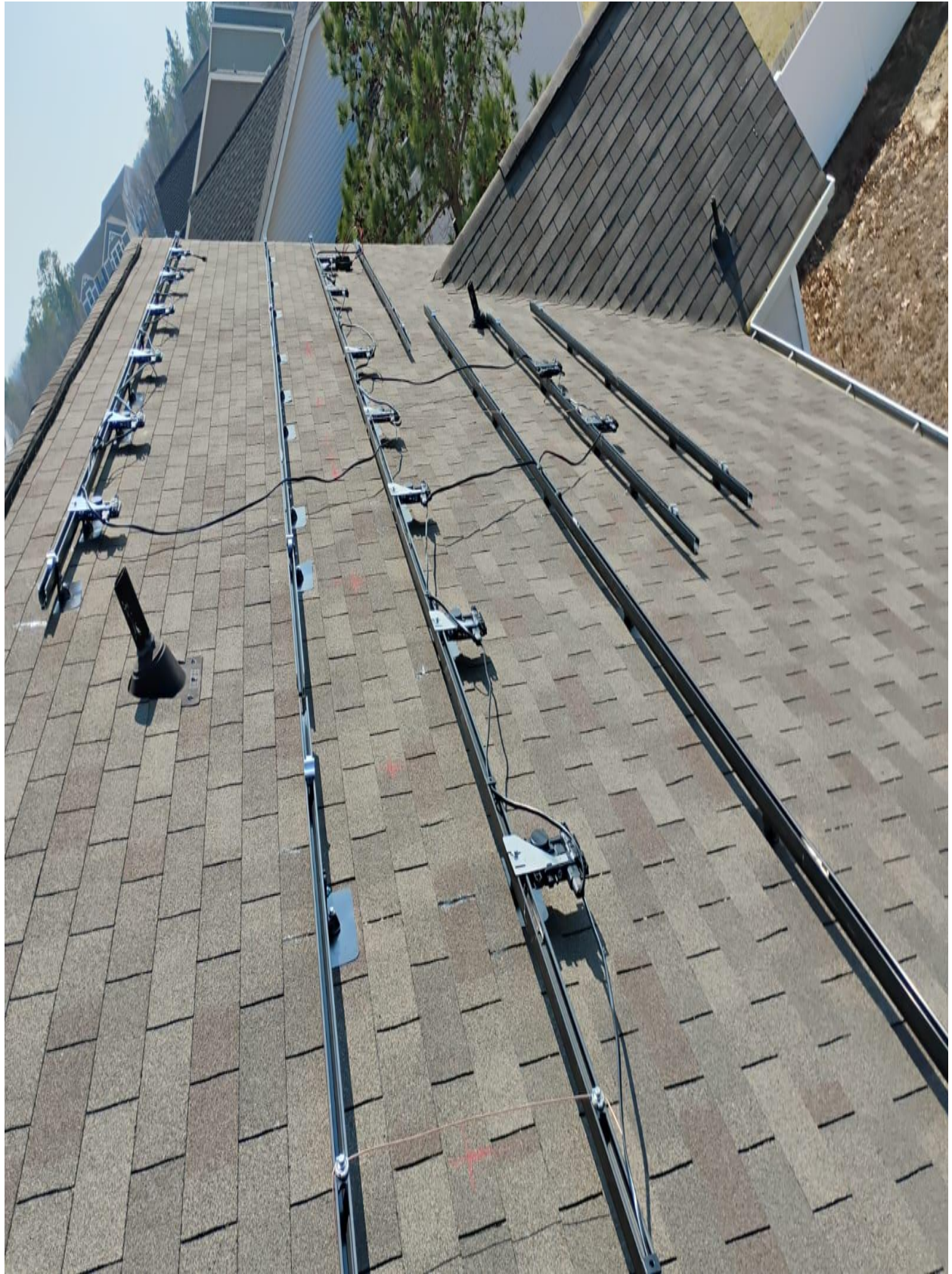




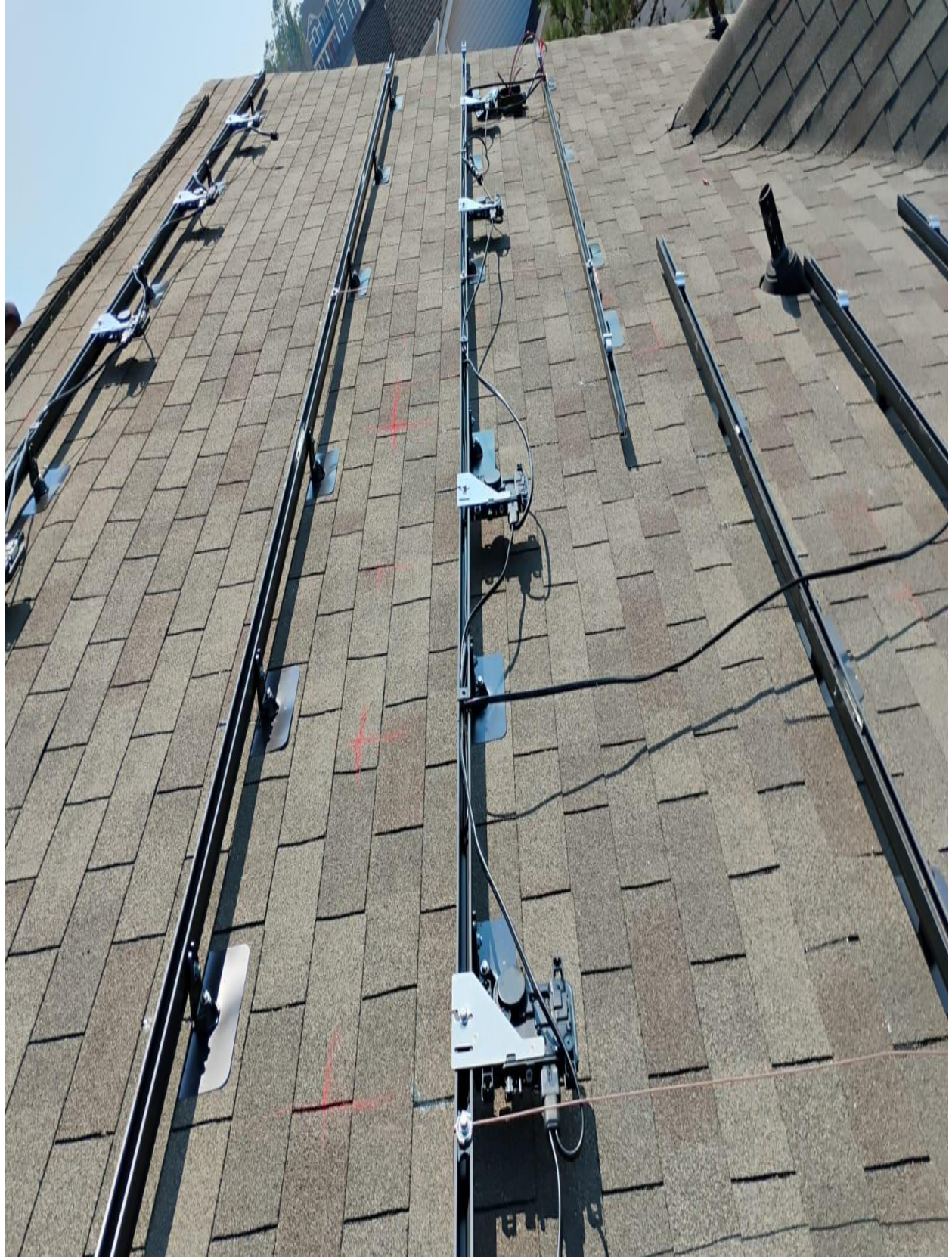




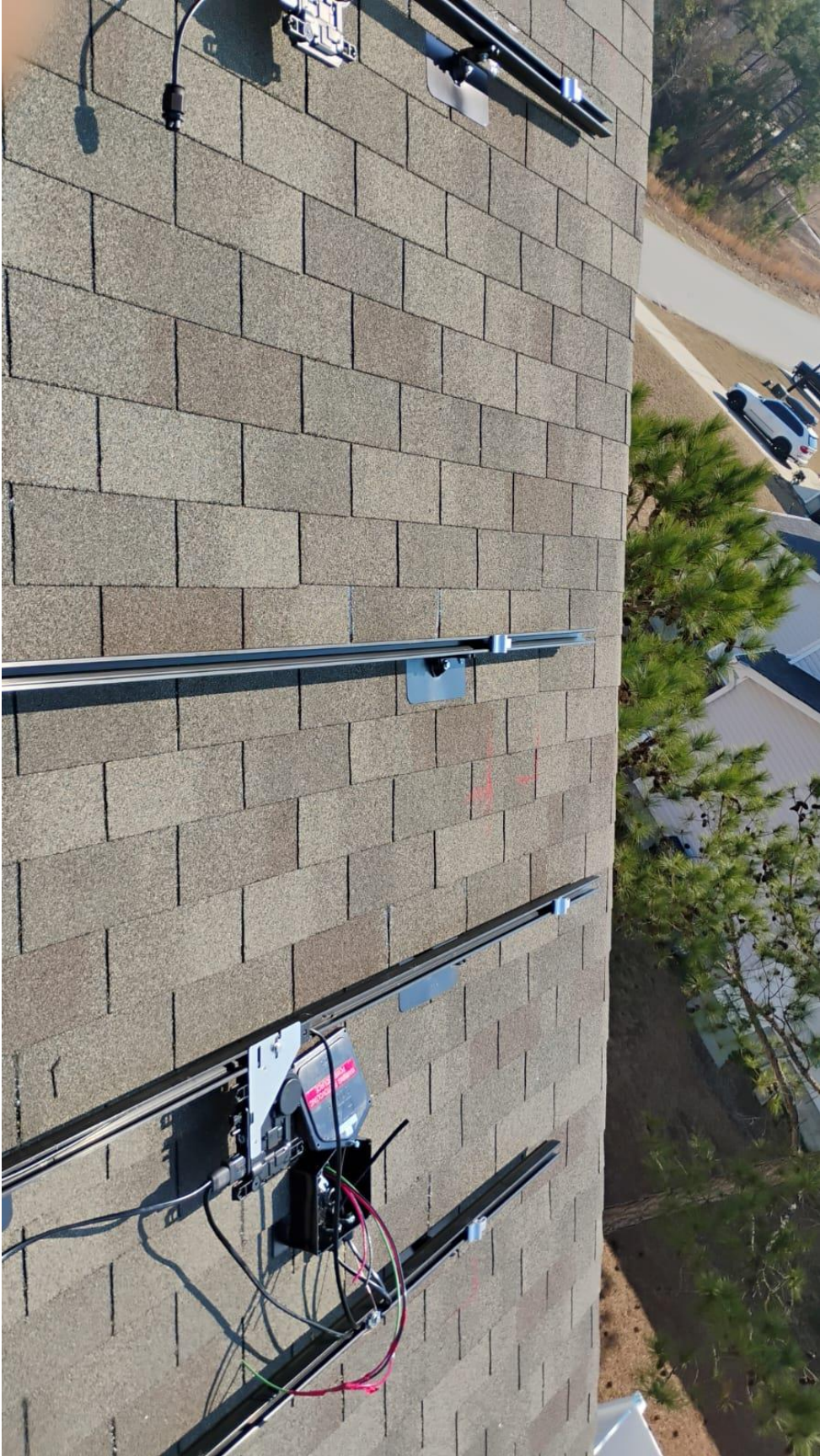


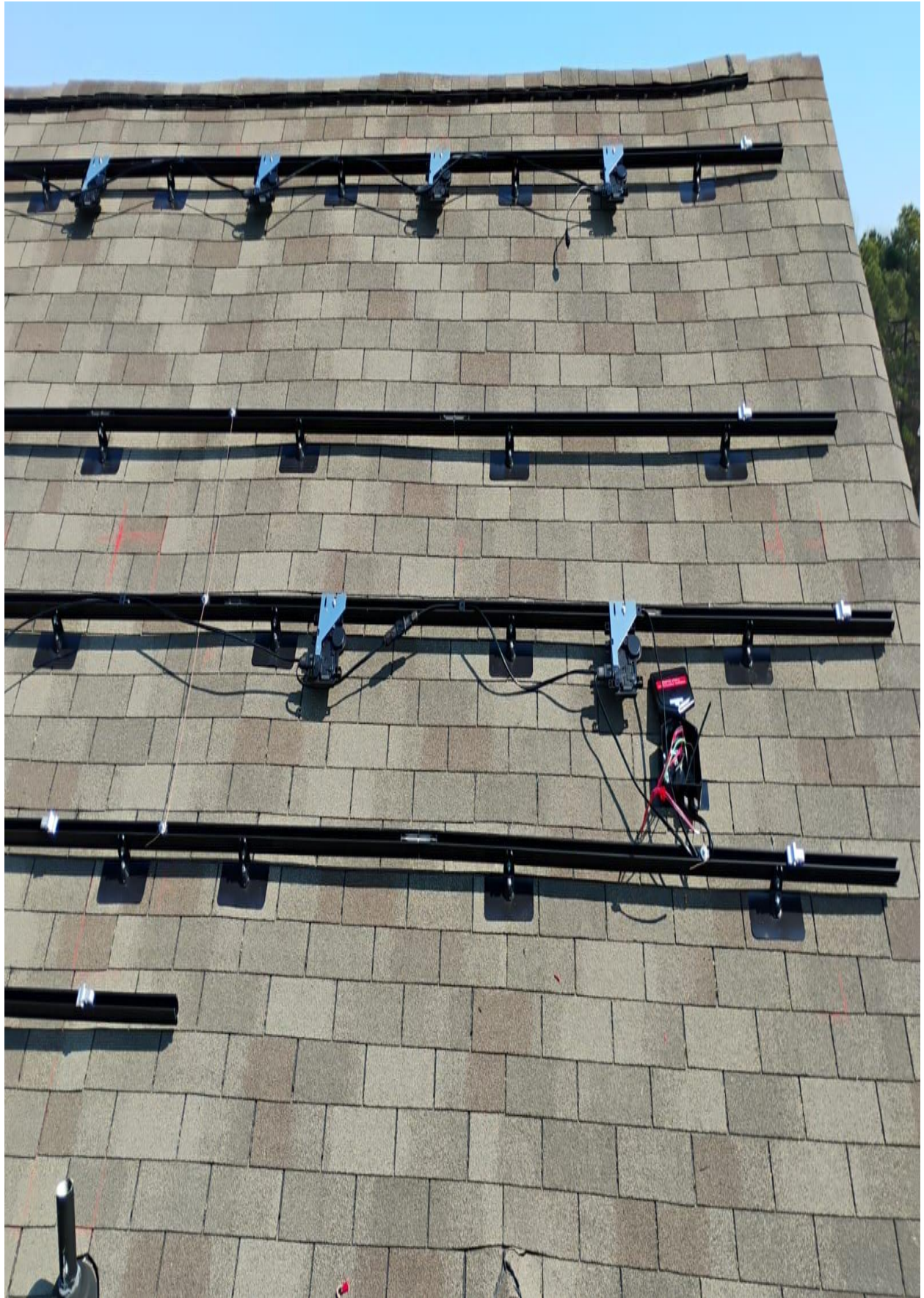




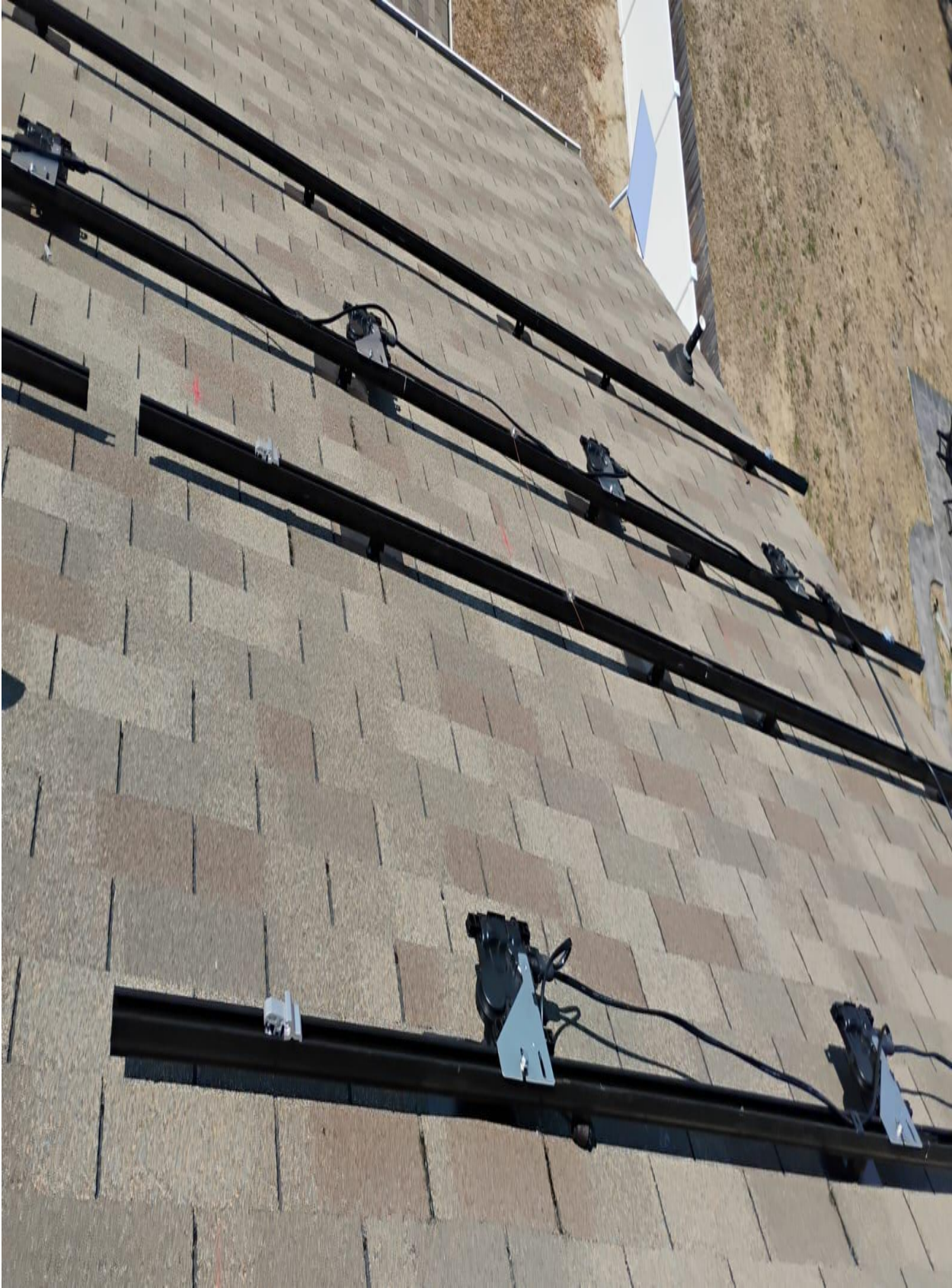


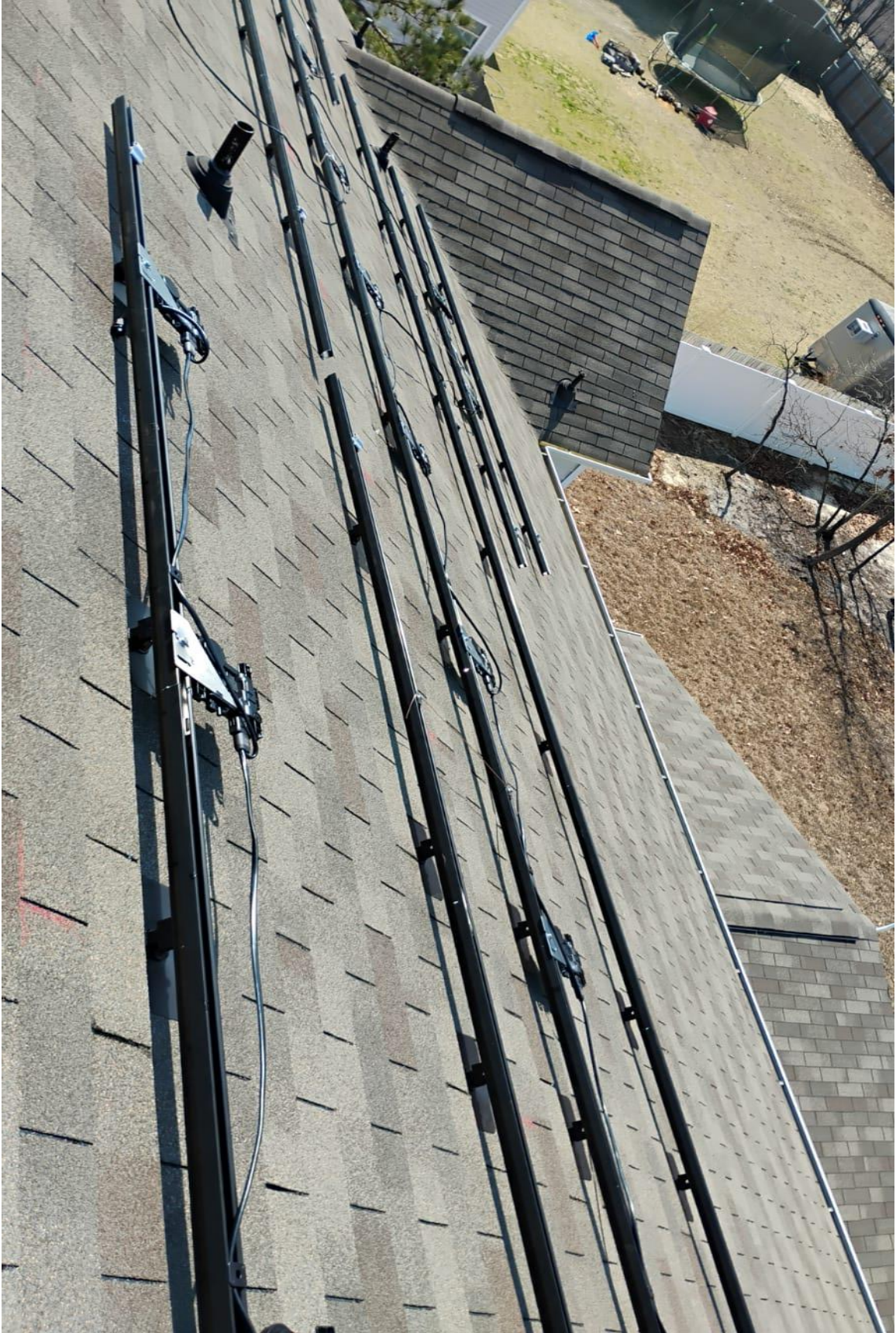


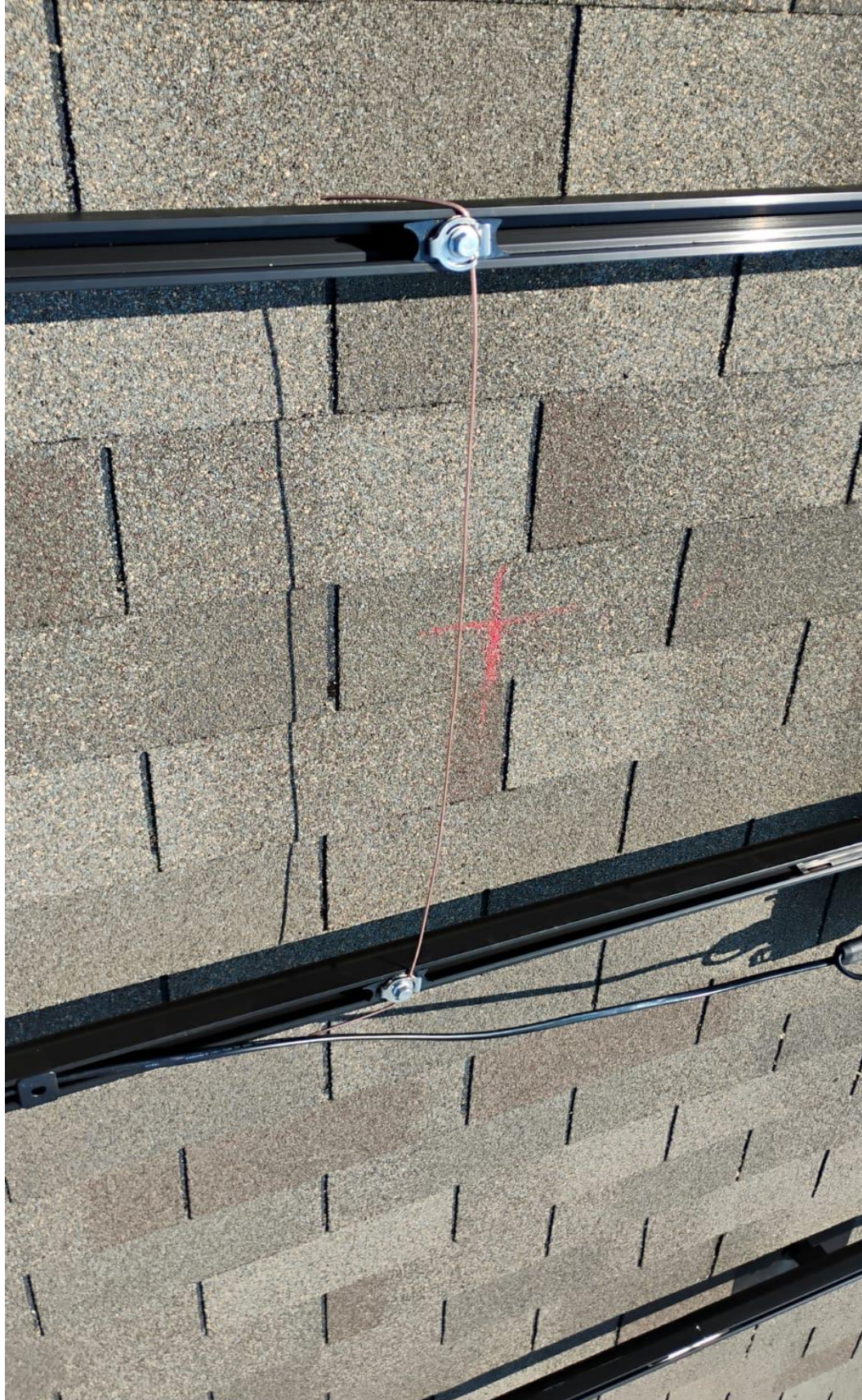


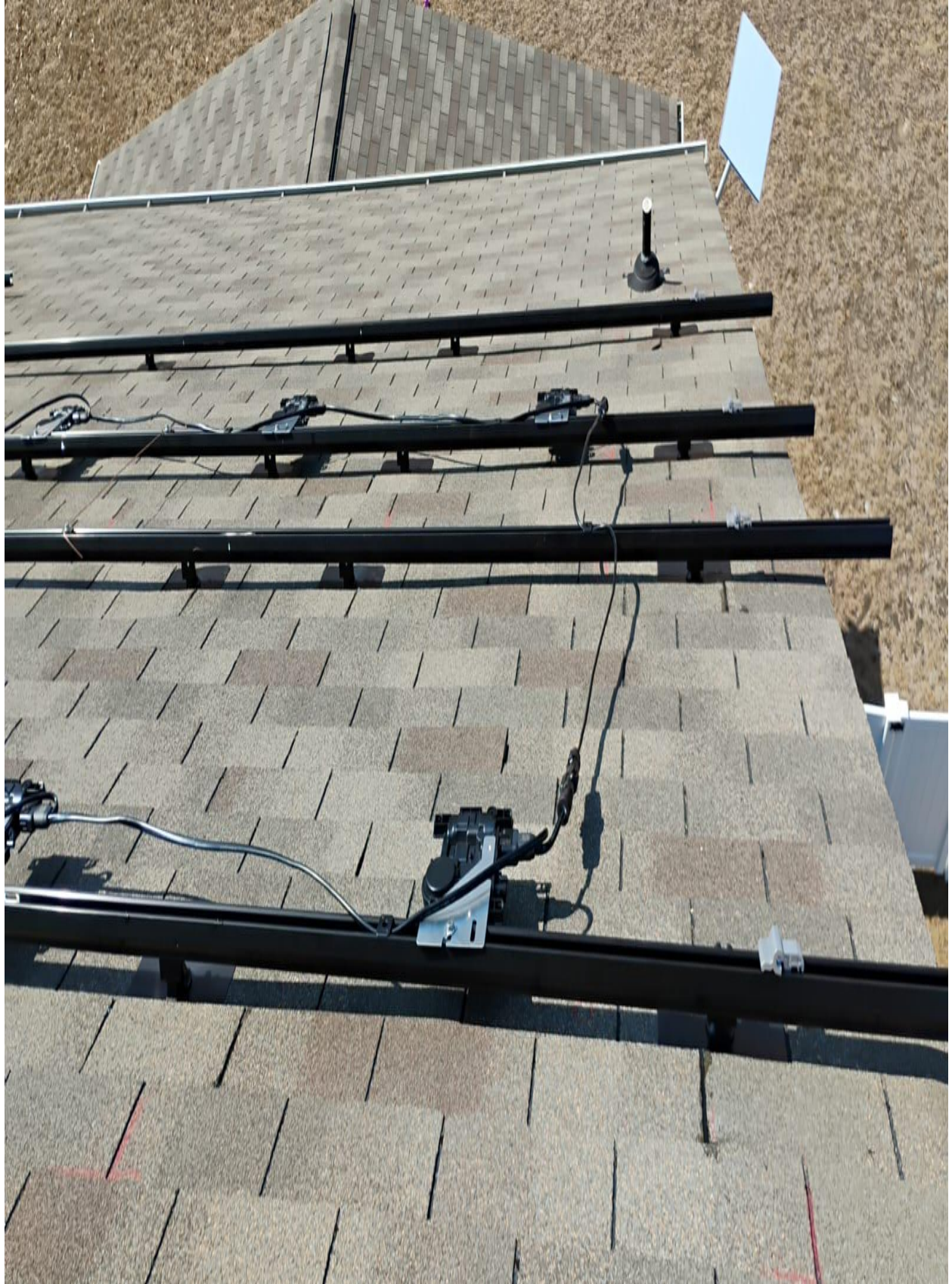


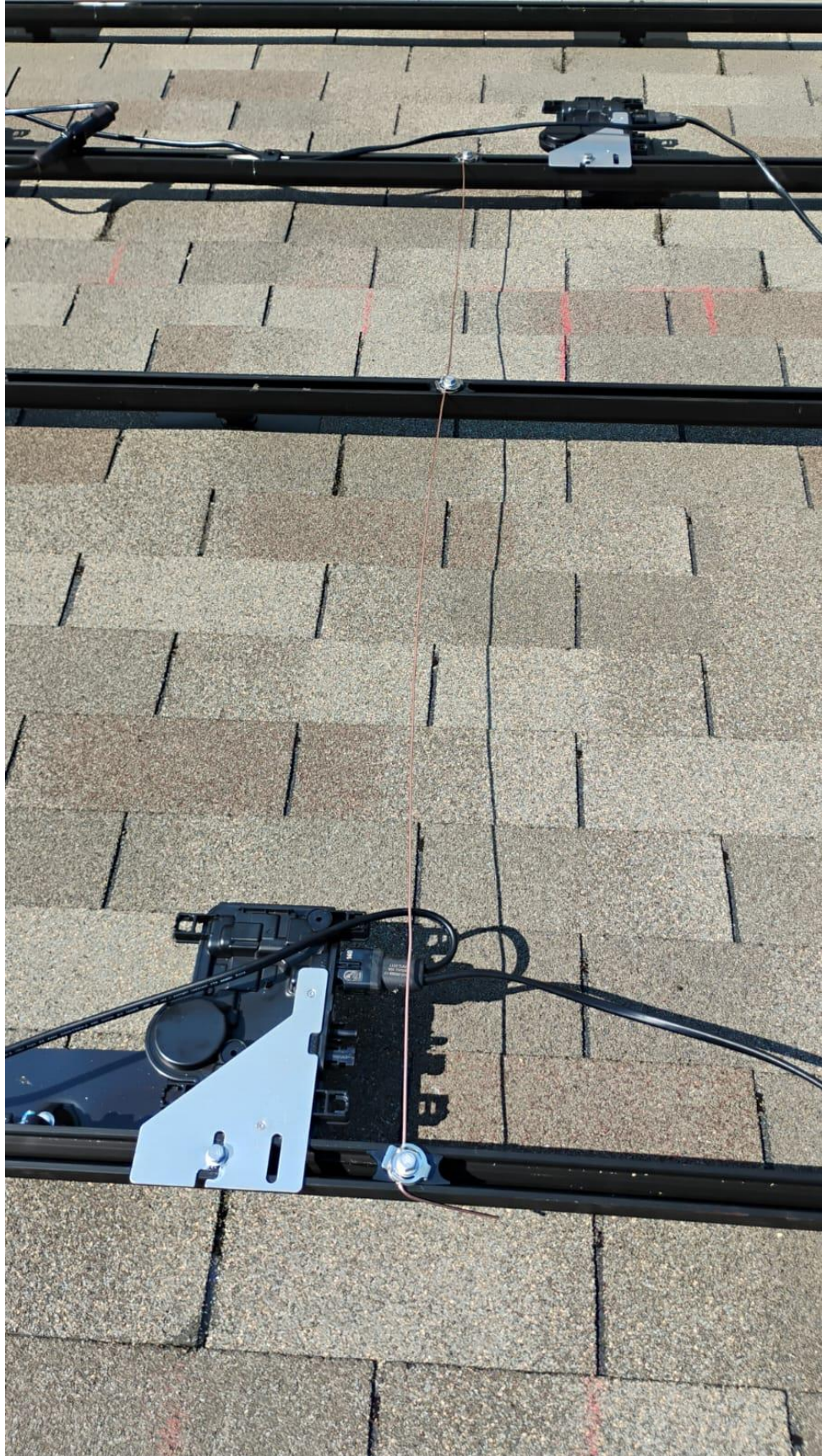




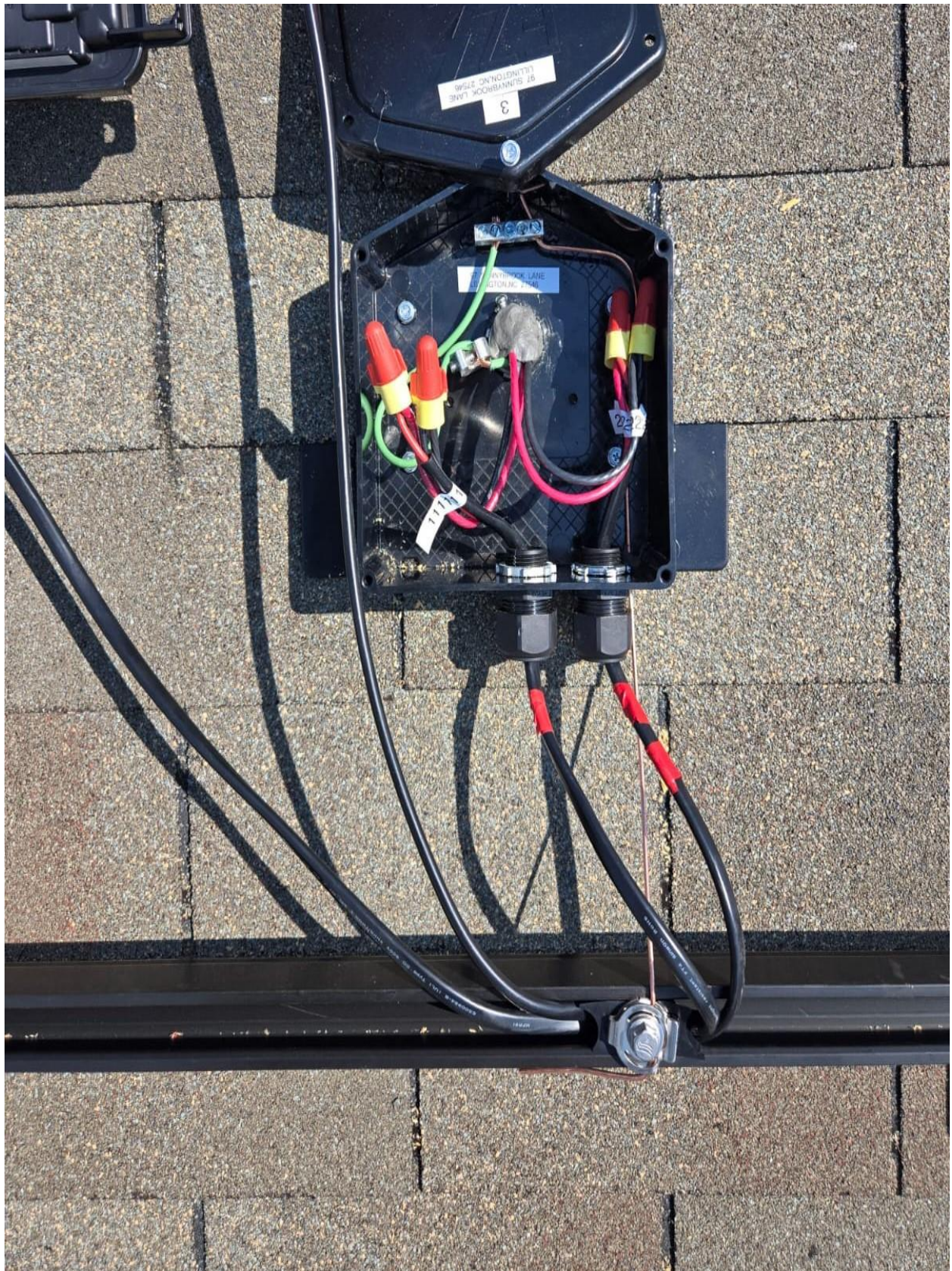


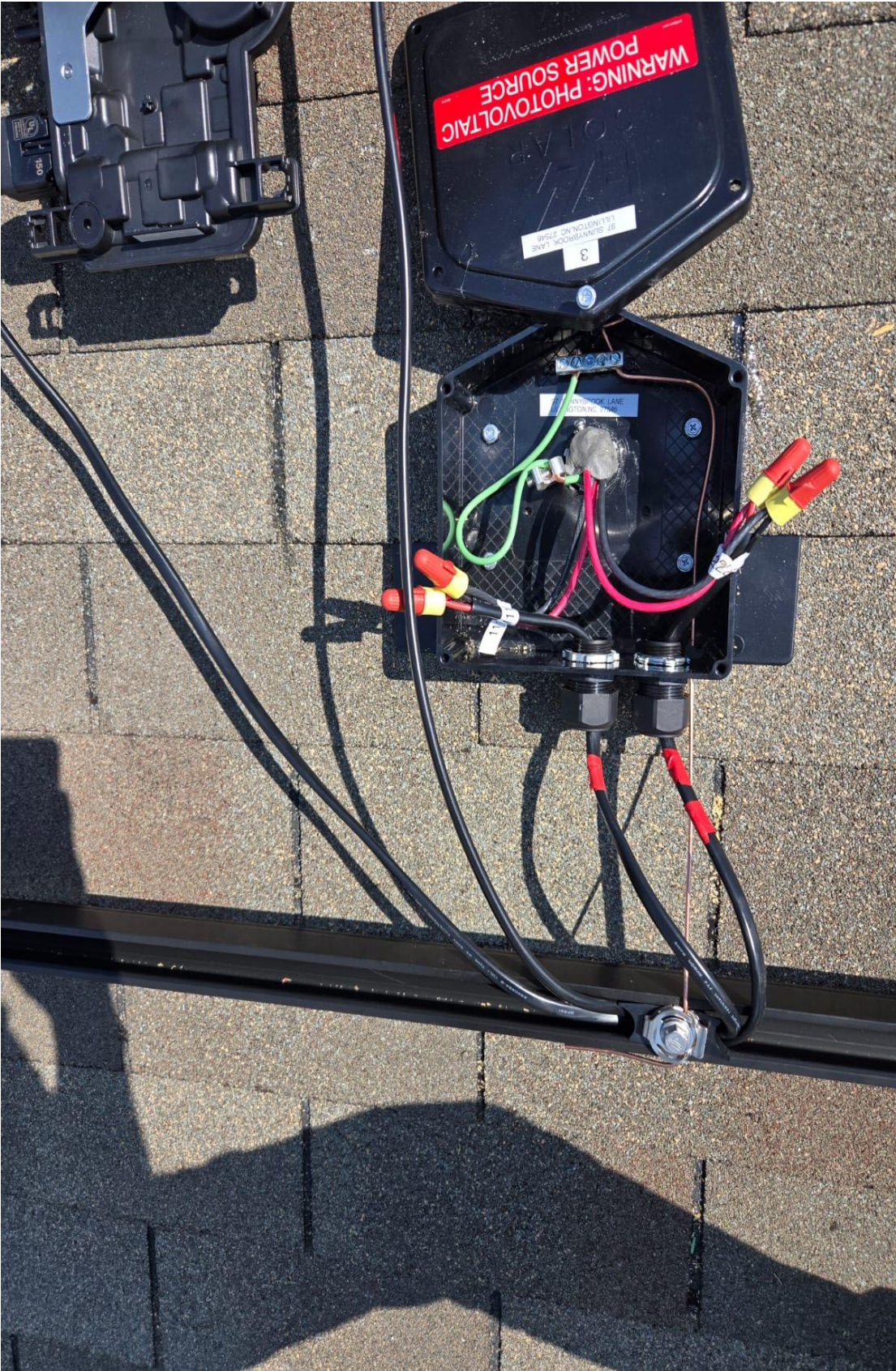




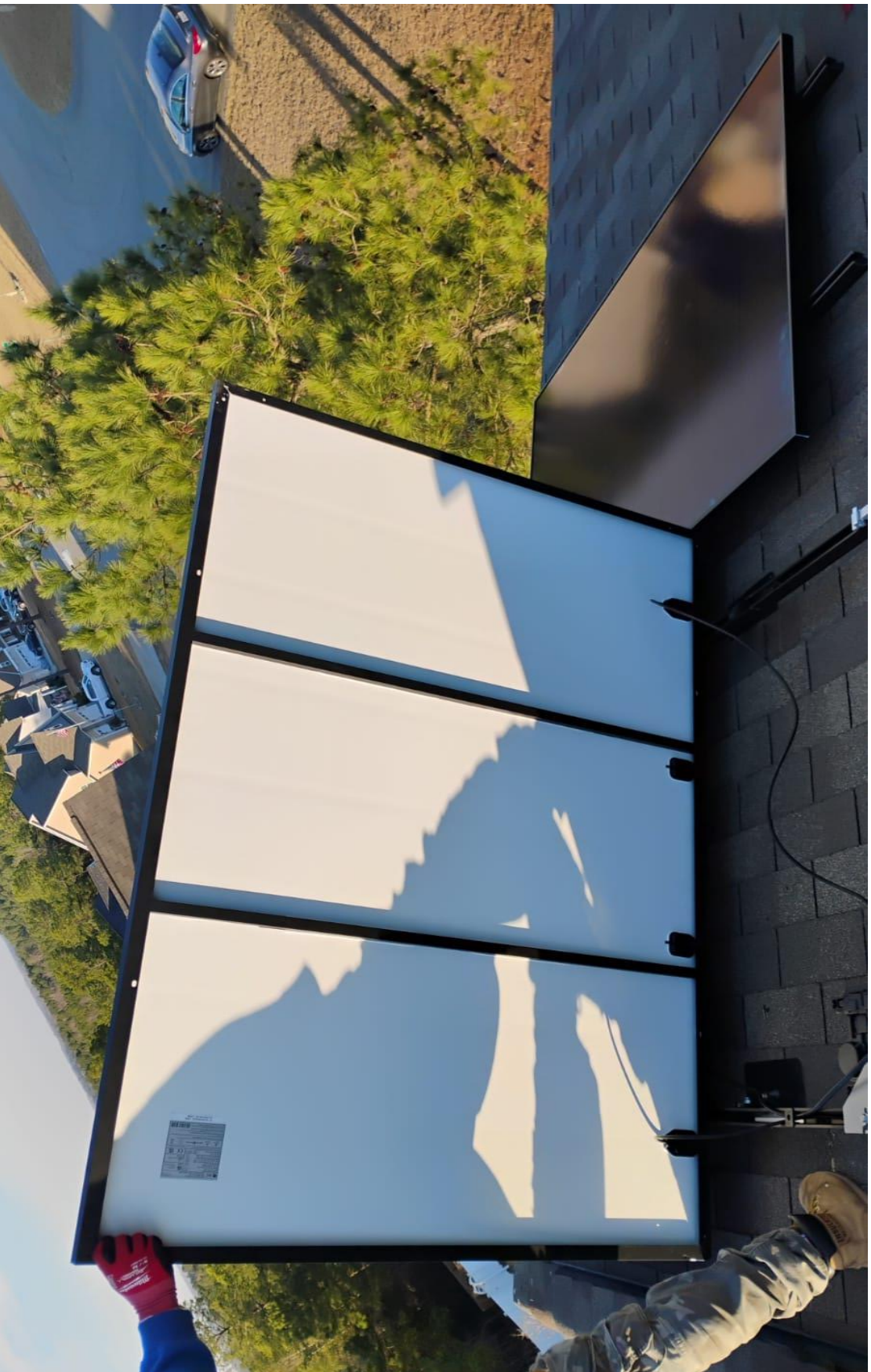


S





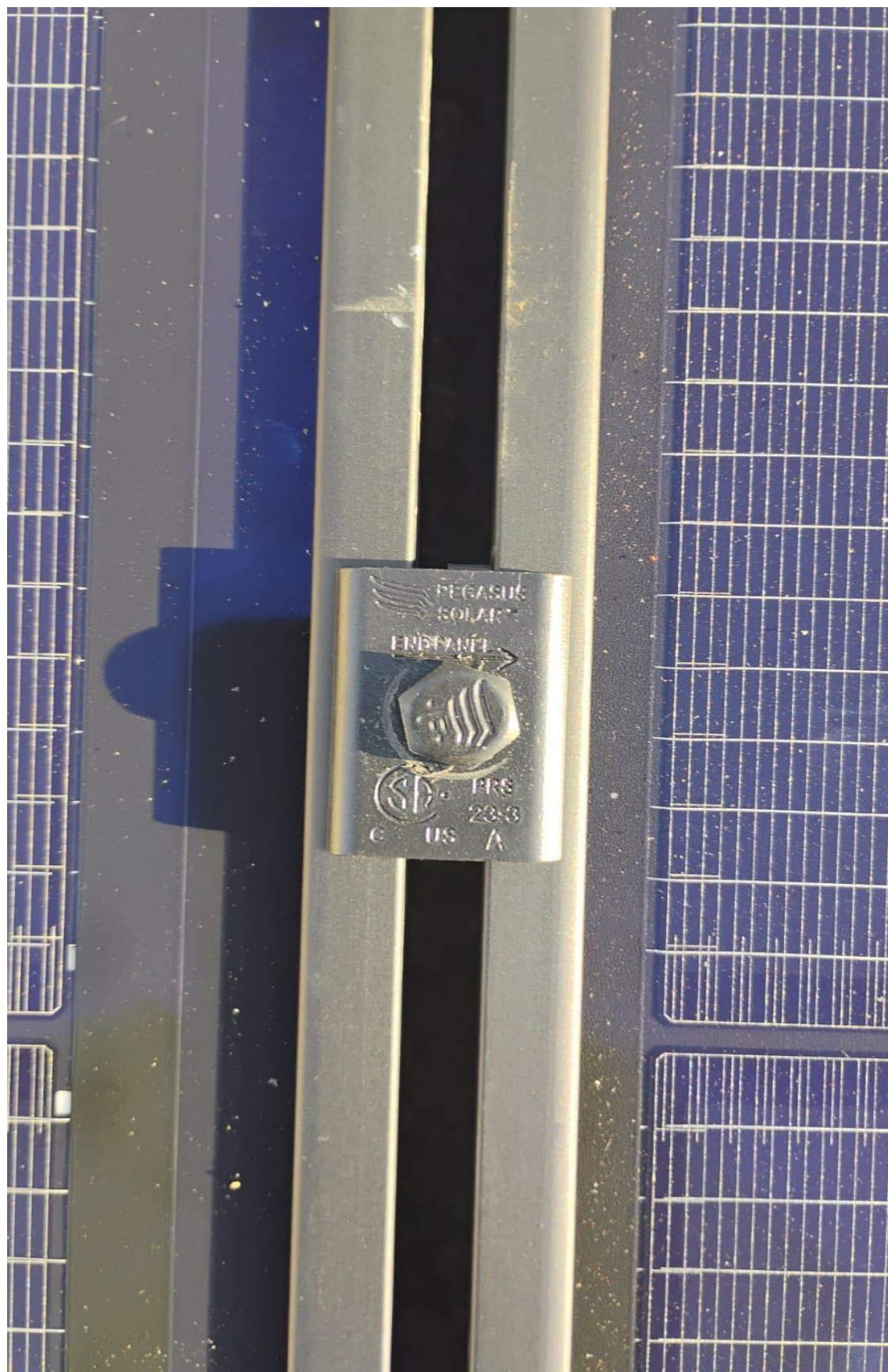






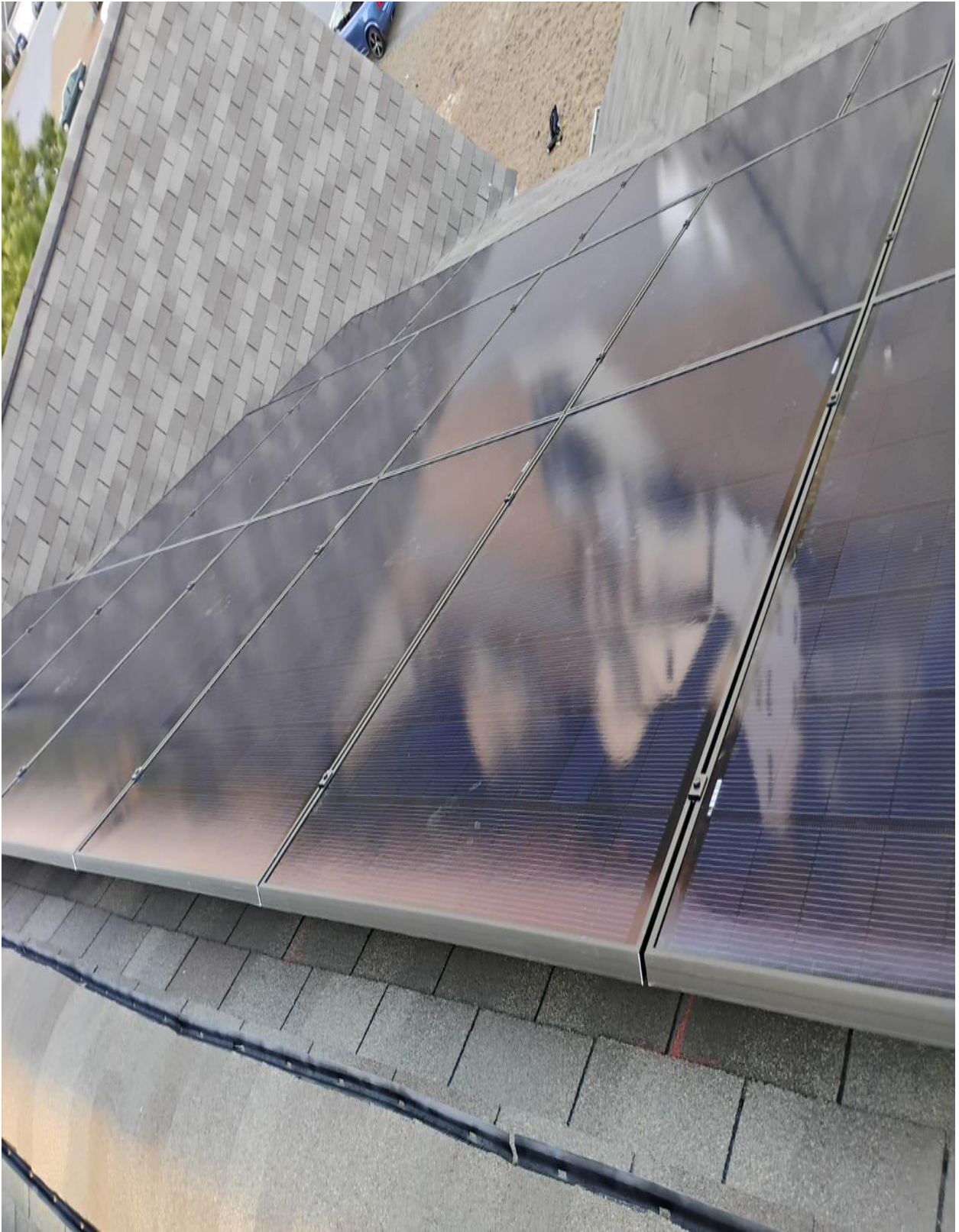


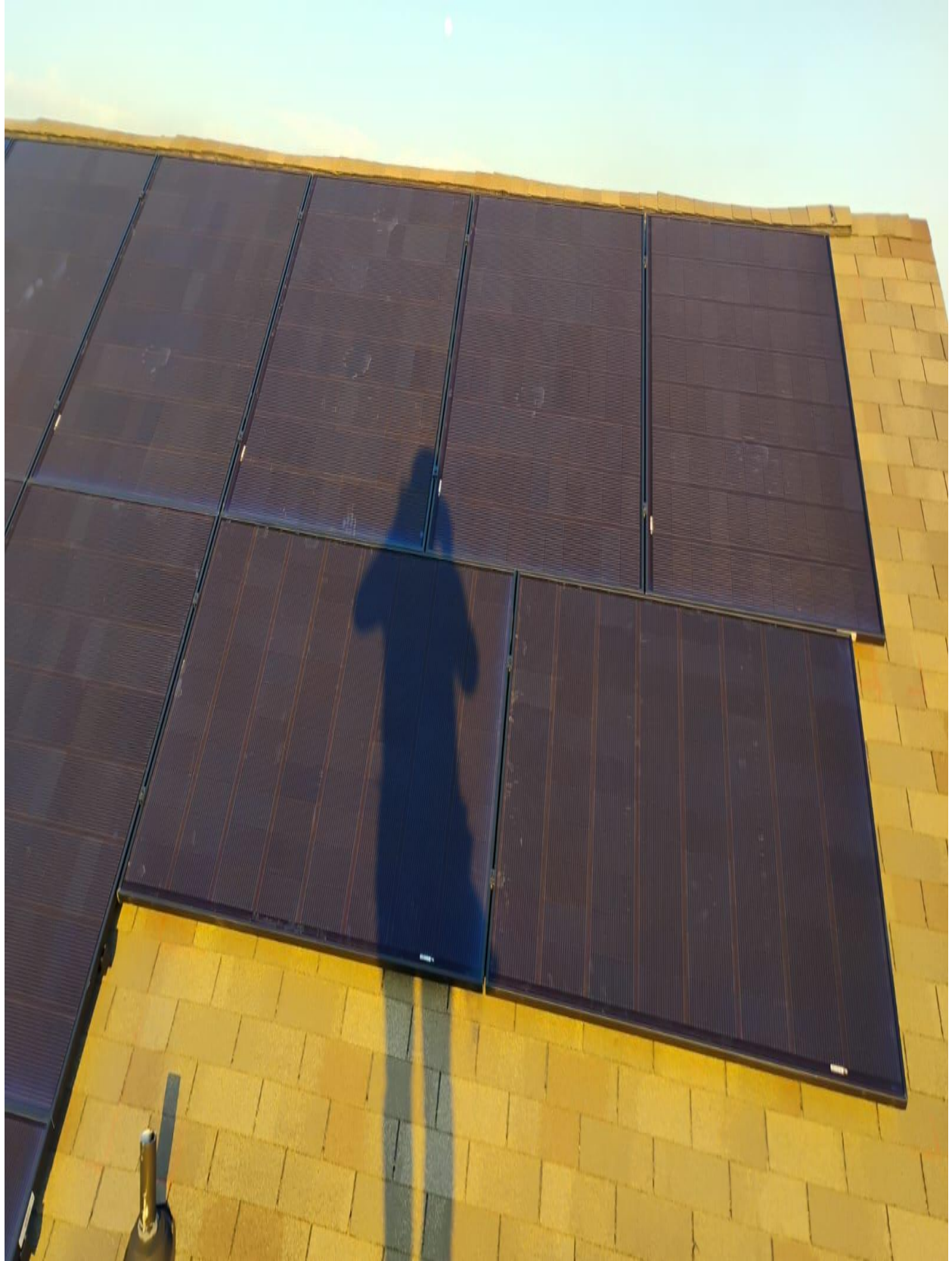


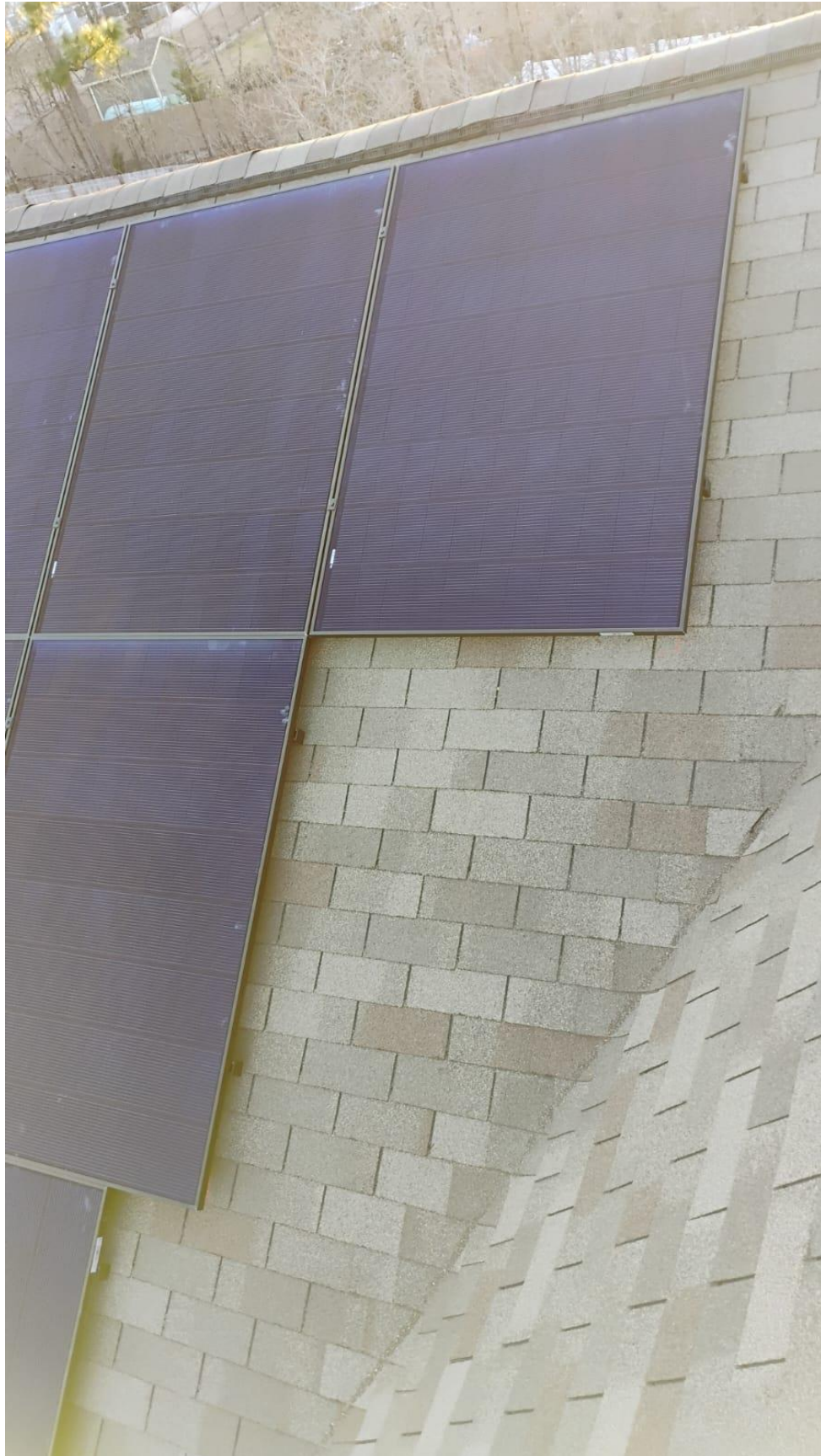






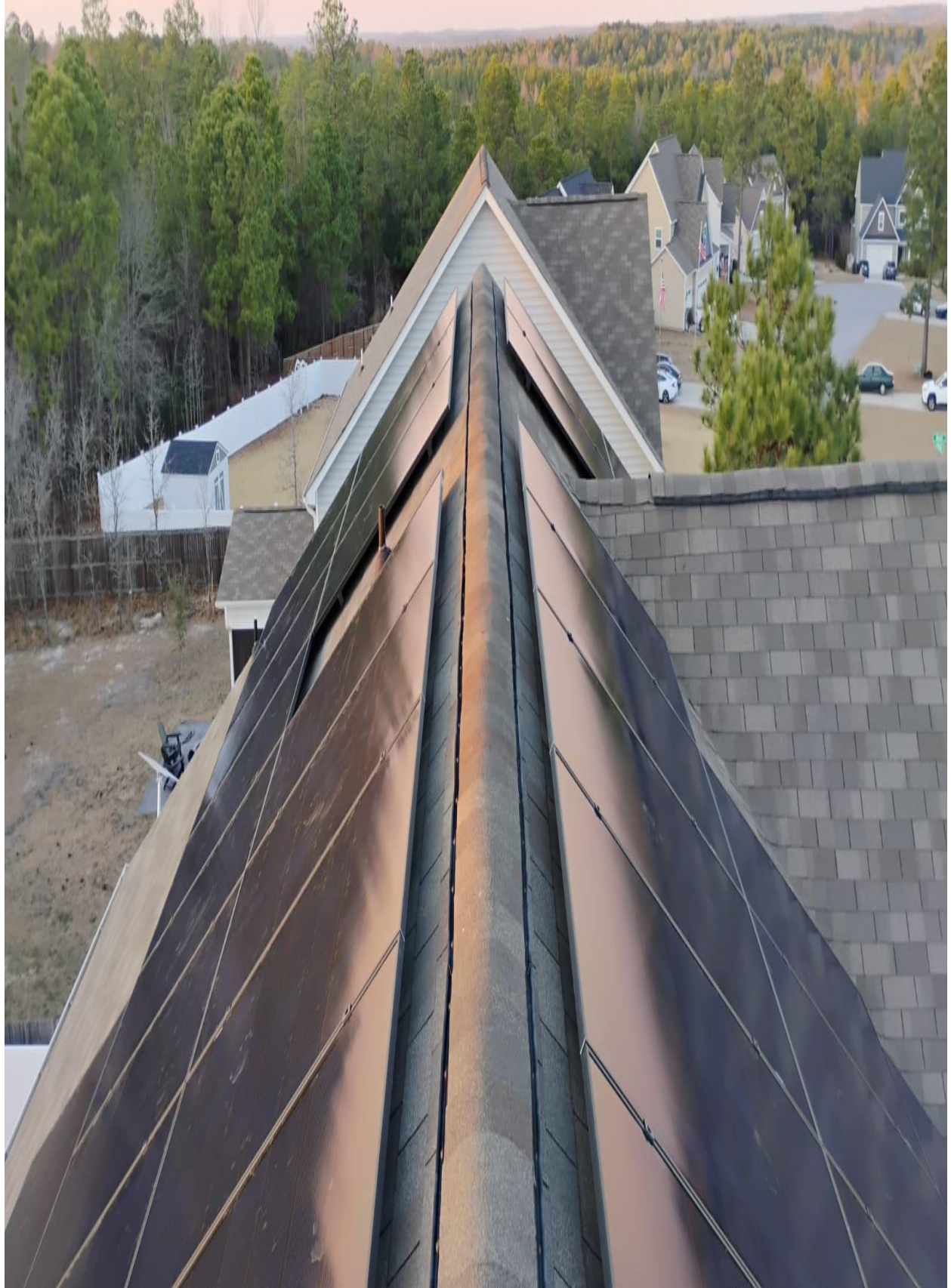




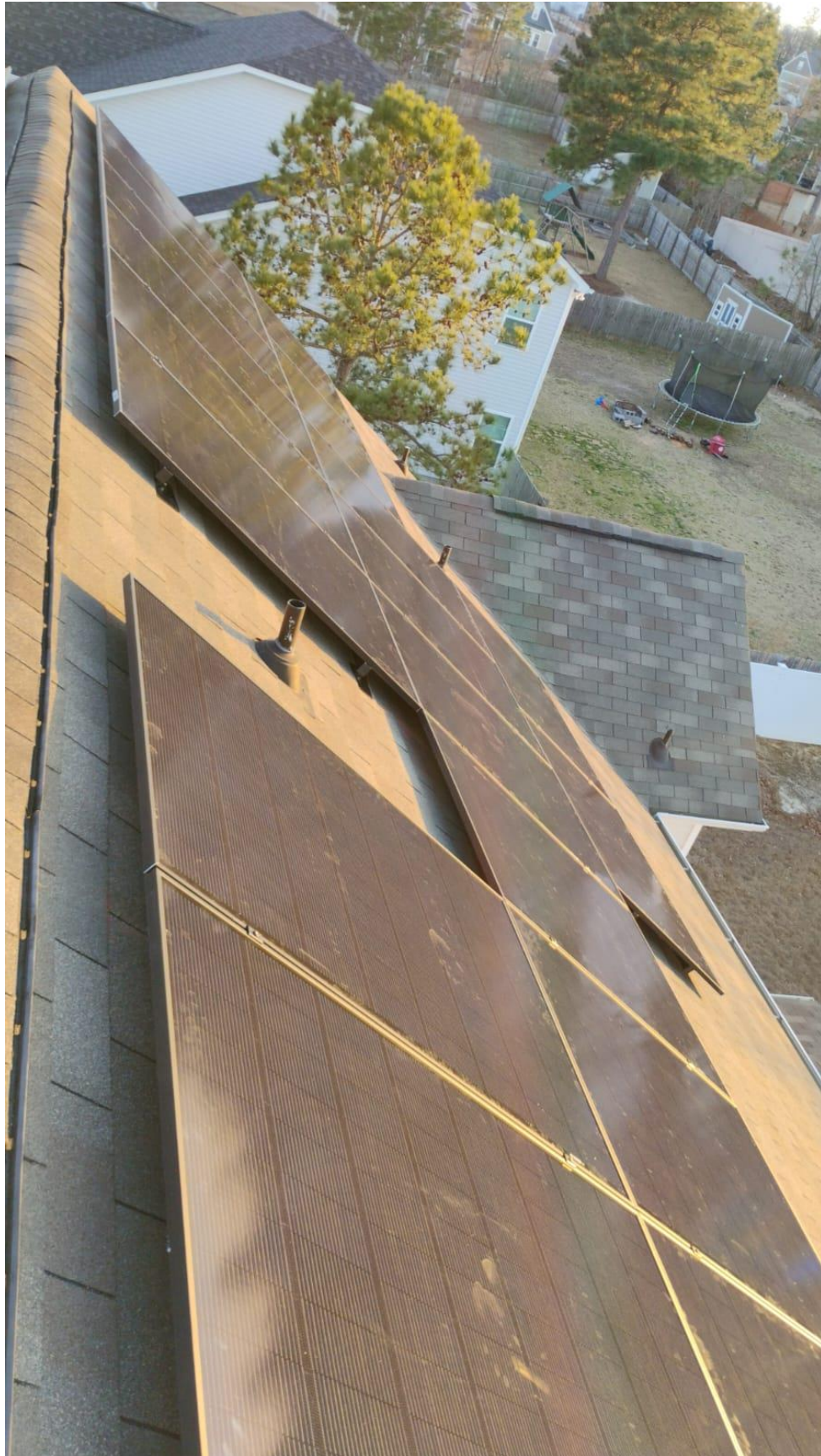


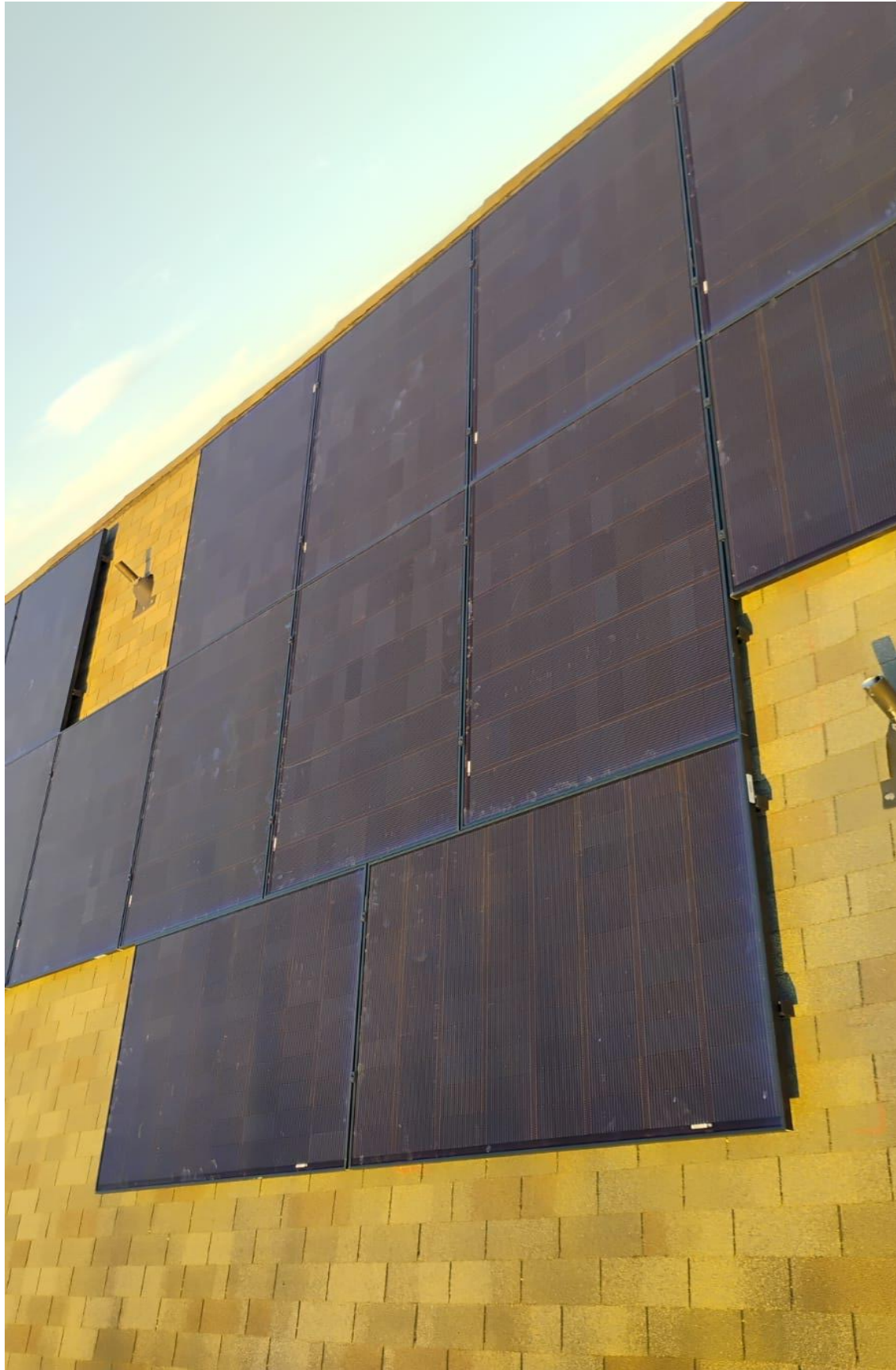








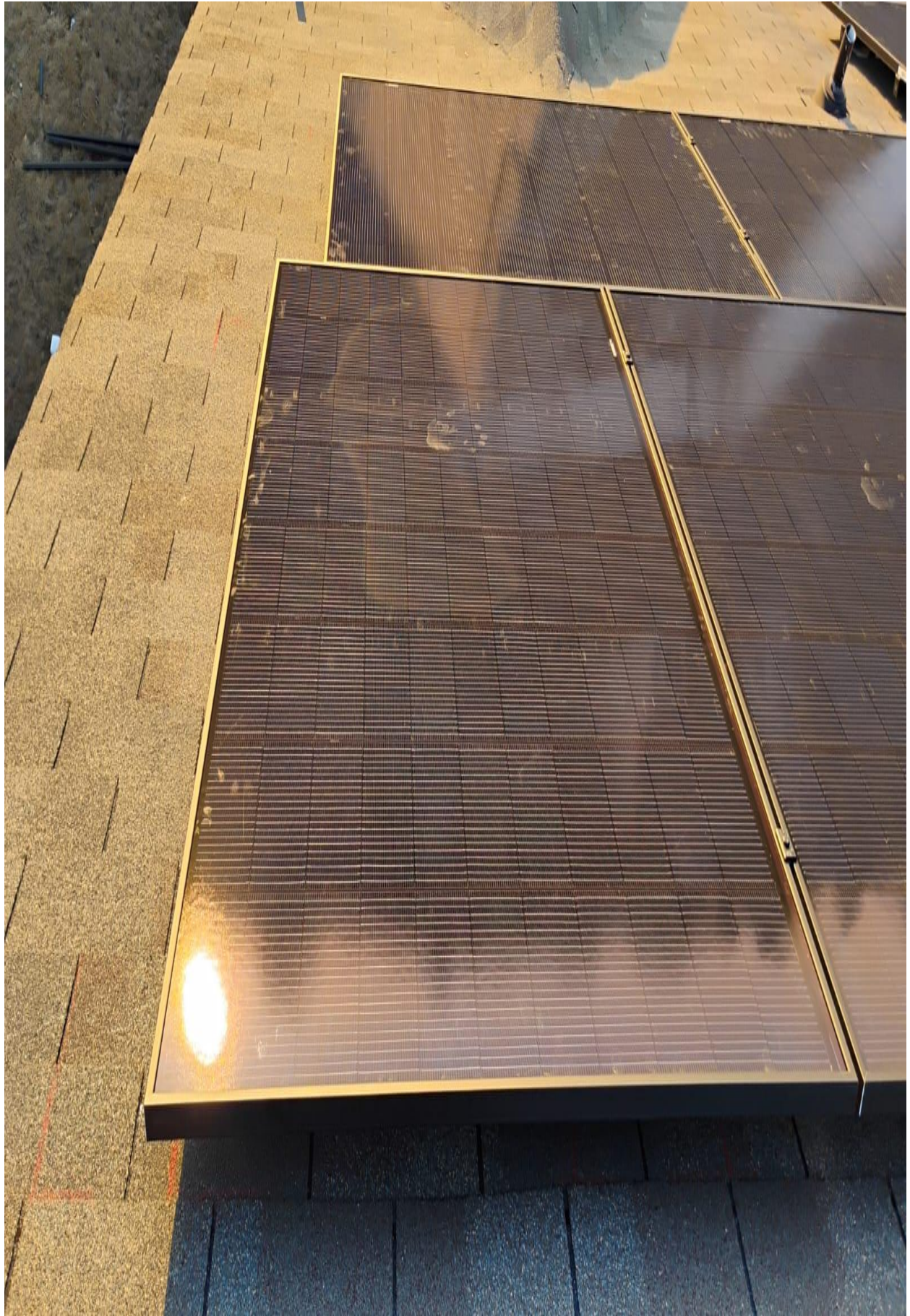


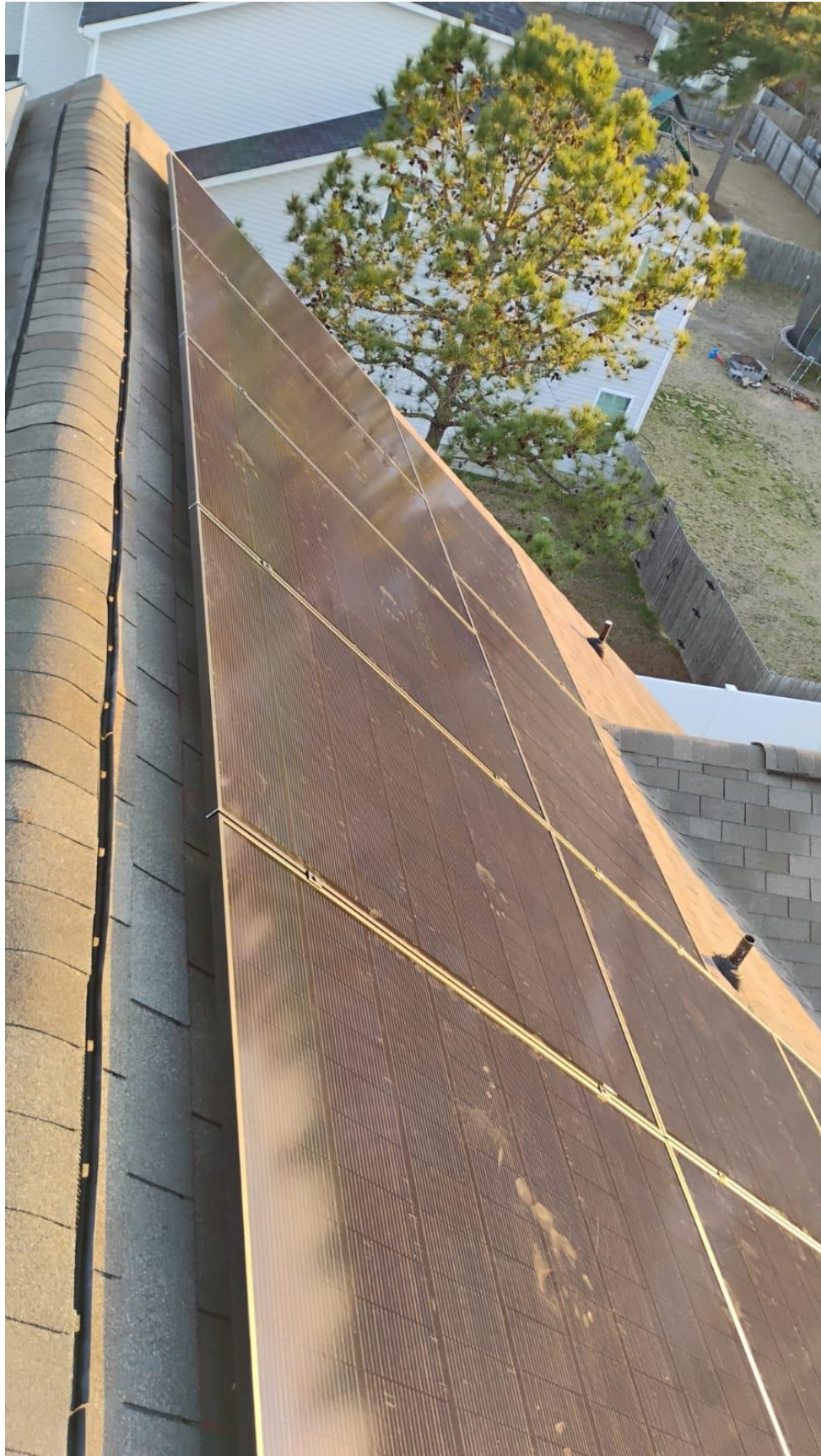


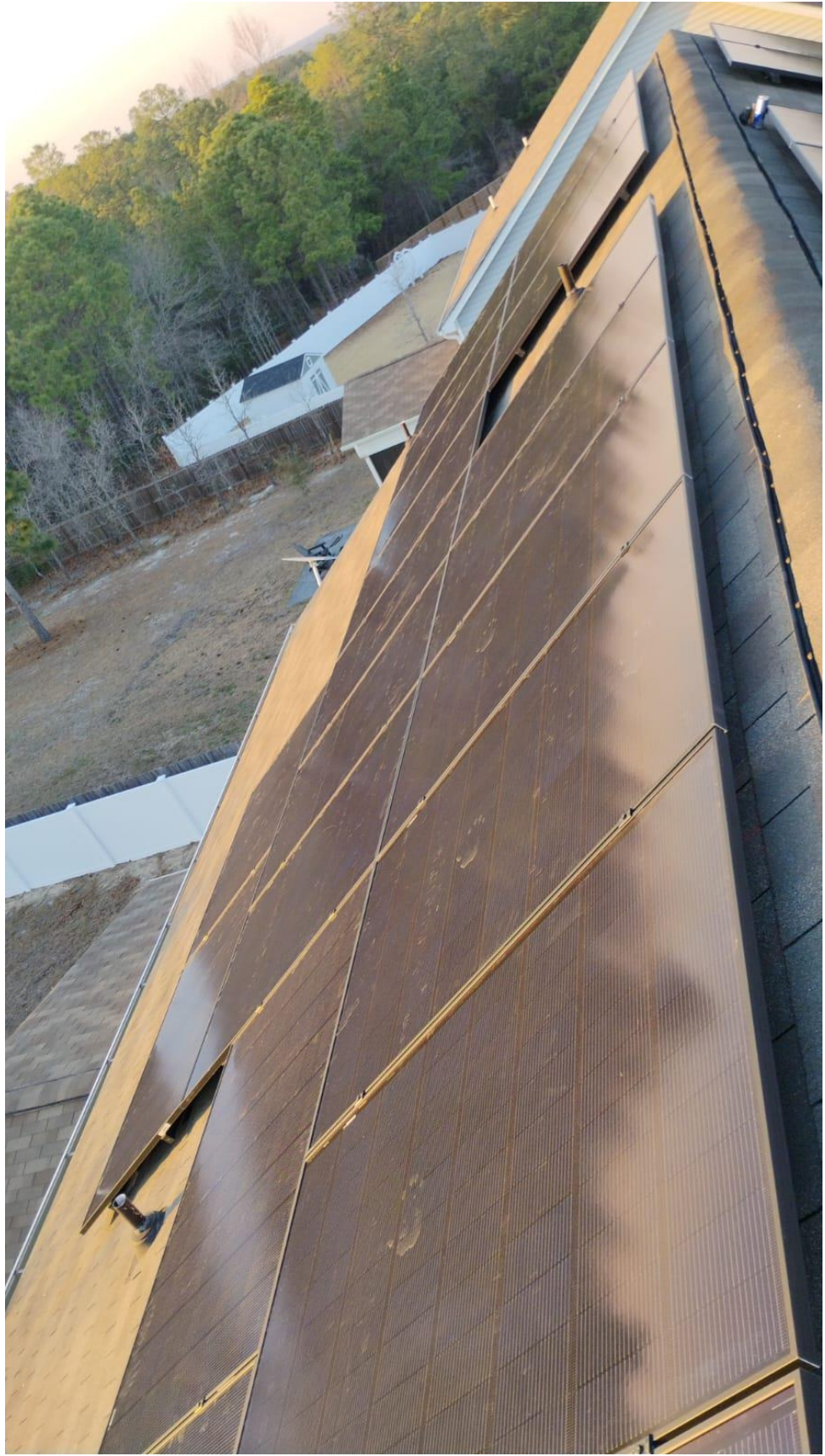






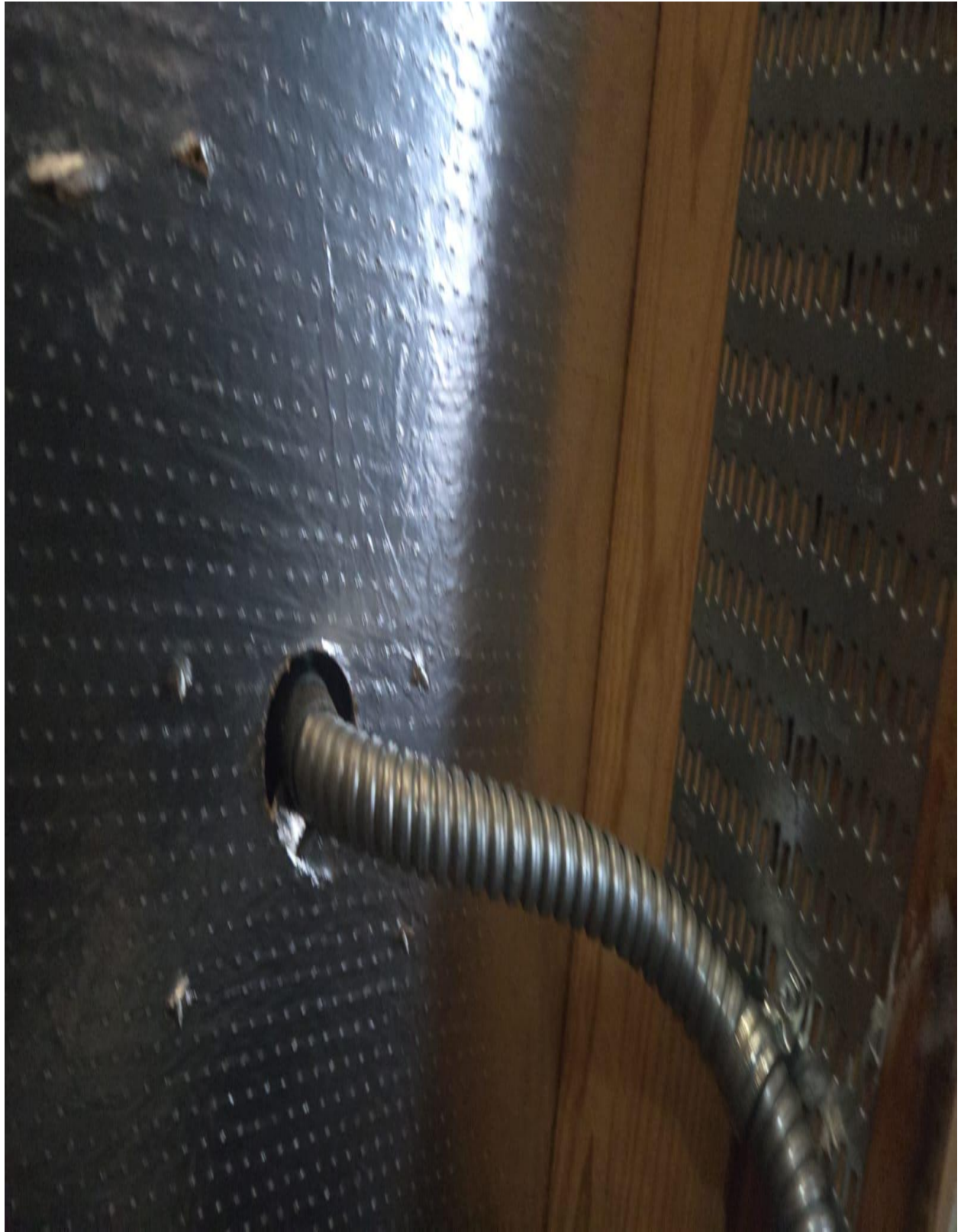




























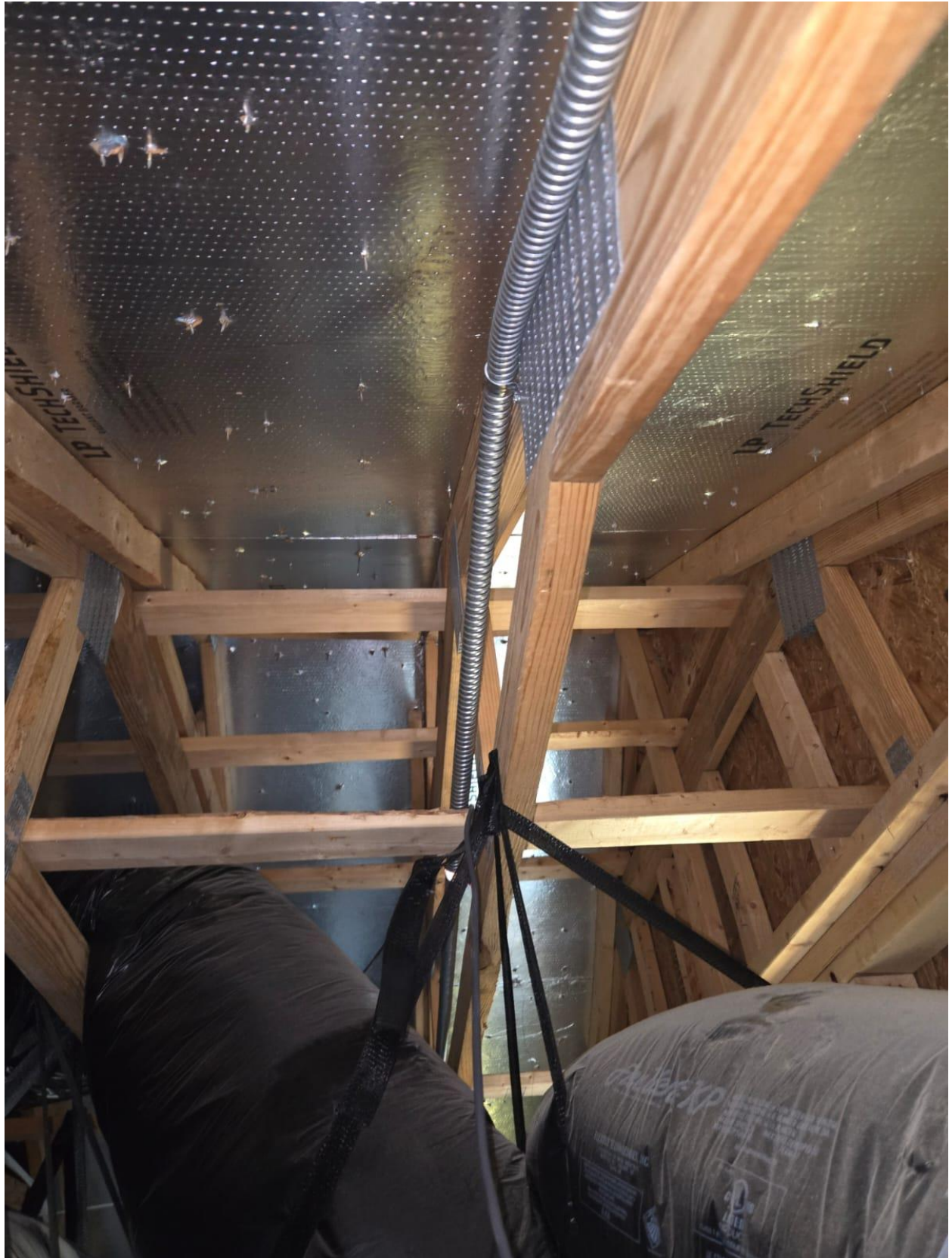










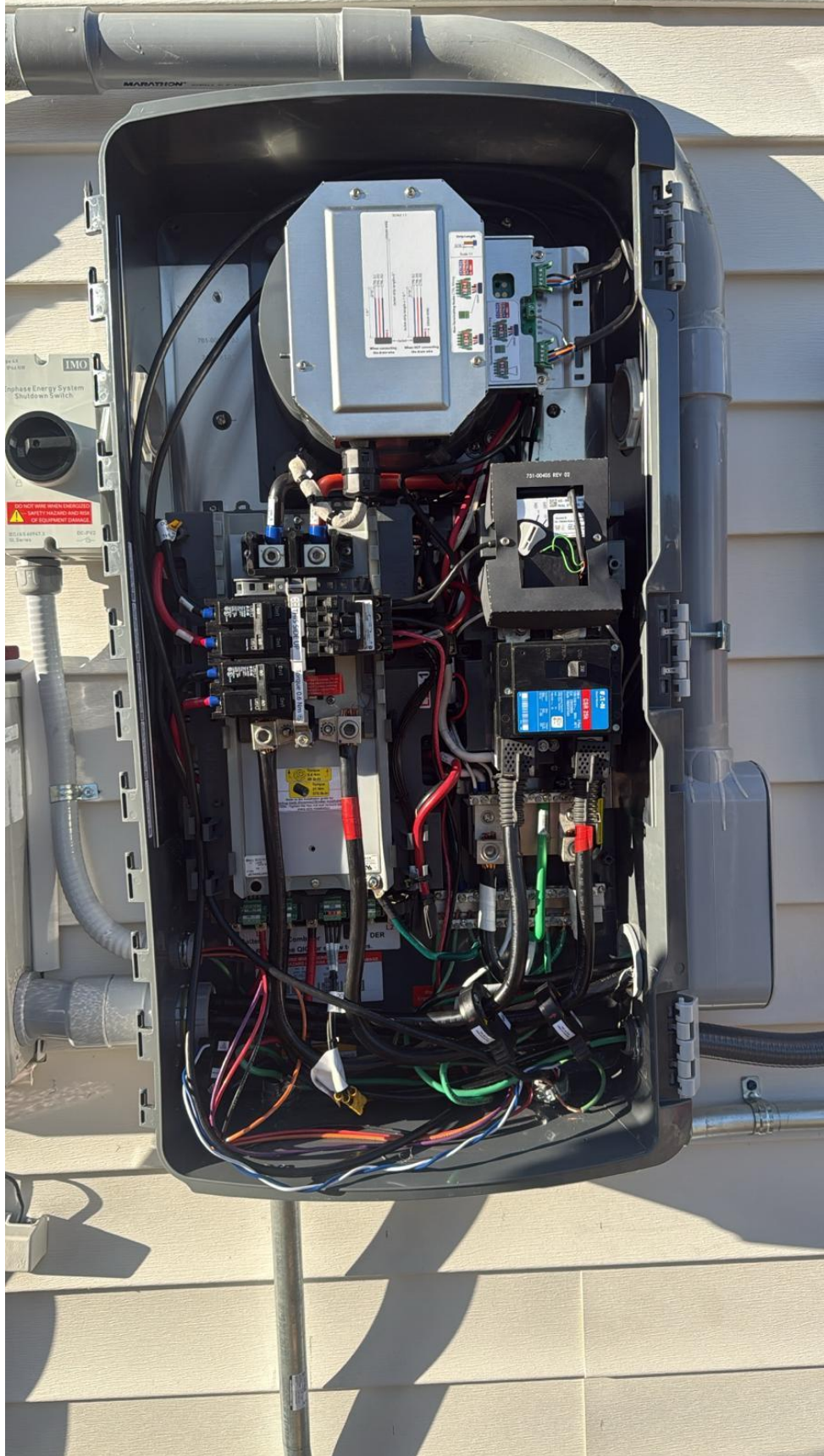














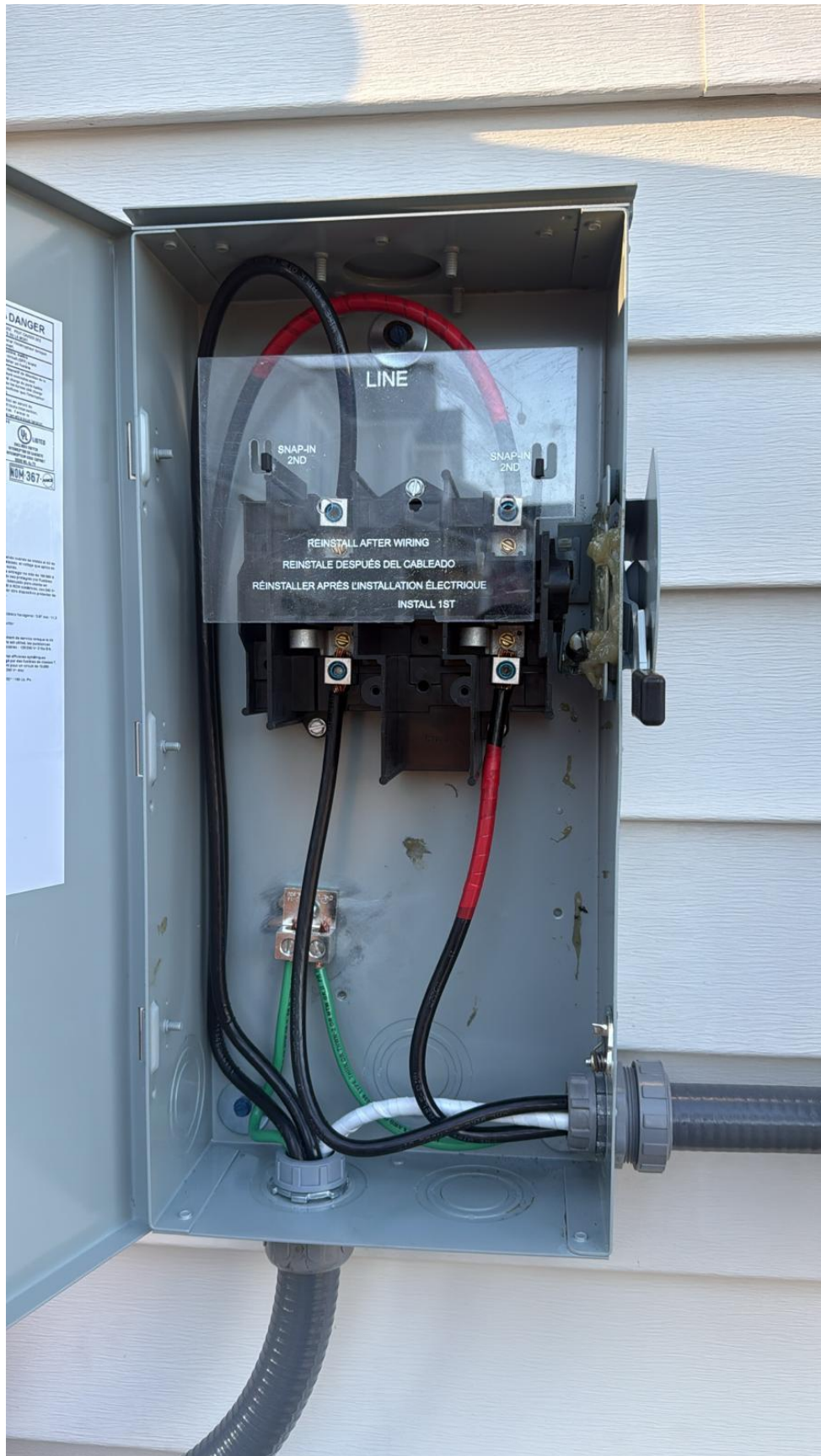
MAIN BATTERY
SYSTEM DISCONNECT
⚠ WARNING ⚠
THREE POWER SOURCES
SOURCE: UTILITY GRID, BATTERY
AND PV SOLAR ELECTRIC SYSTEM

SOLAR AC DISCONNECT LOCATED AT:

TO THE RIGHT _____
SERVICE DISCONNECT LOCATED IN THE

IN HERE _____

 ENPHASE.



EAT·N

General Duty Safety Switch
Interrupteur de sécurité à usage général
Interruptor de seguridad de servicio general
NEMA 240-V, 60 Hz

Complete ratings inside
Valeurs nominales complètes à l'intérieur
Información completa de capacidades en el interior

Further instructions inside
Autres instructions à l'intérieur
Instrucciones adicionales en el interior

Made in U.S.A. / Fabriqué aux E.-U. / Hecho en E.U.A.



ON
I

OFF
O

PHOTOVOLTAIC

AC DISCONNECT

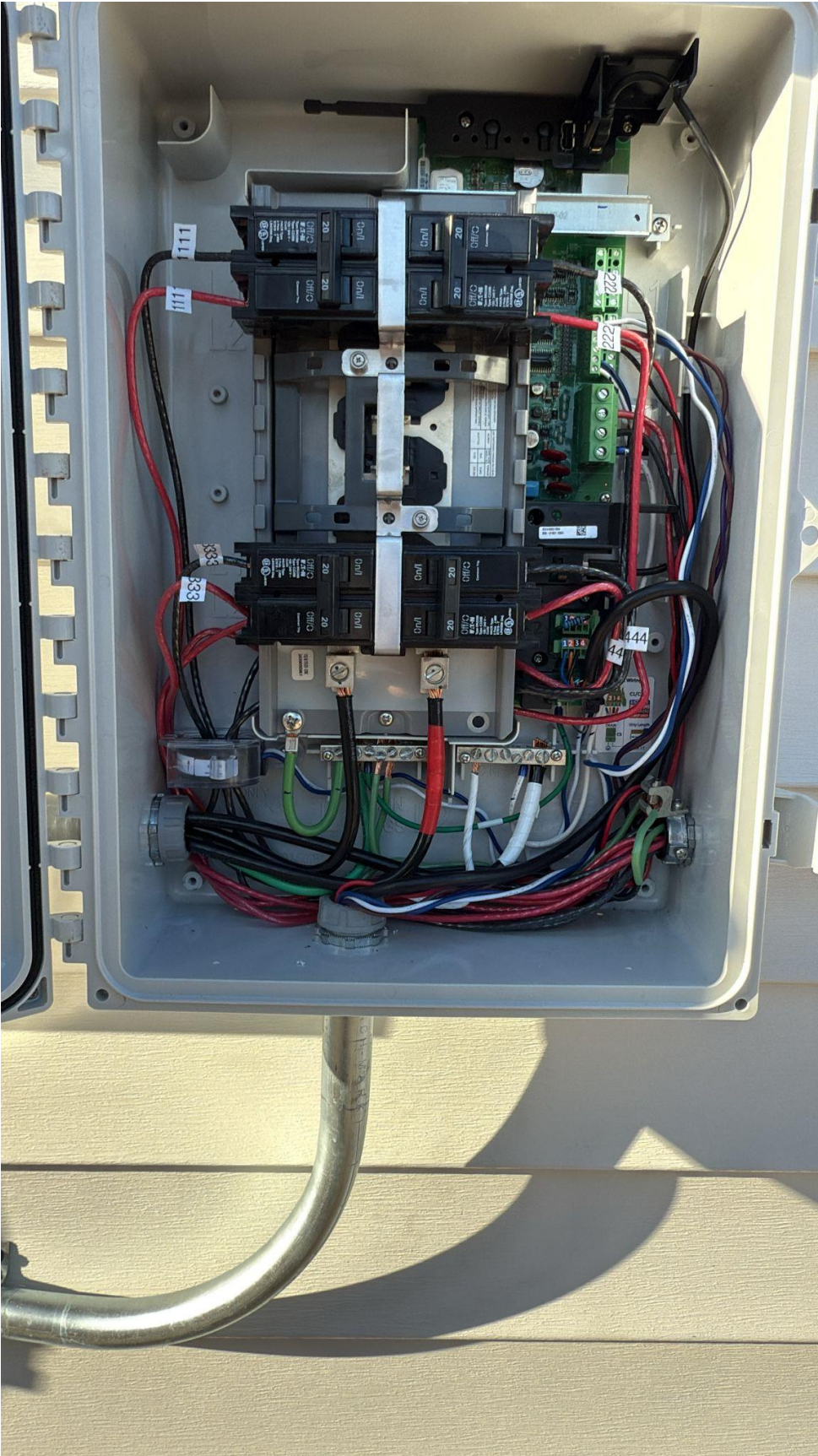
AC DISCONNECT
PHOTOVOLTAIC SYSTEM
POWER SOURCE

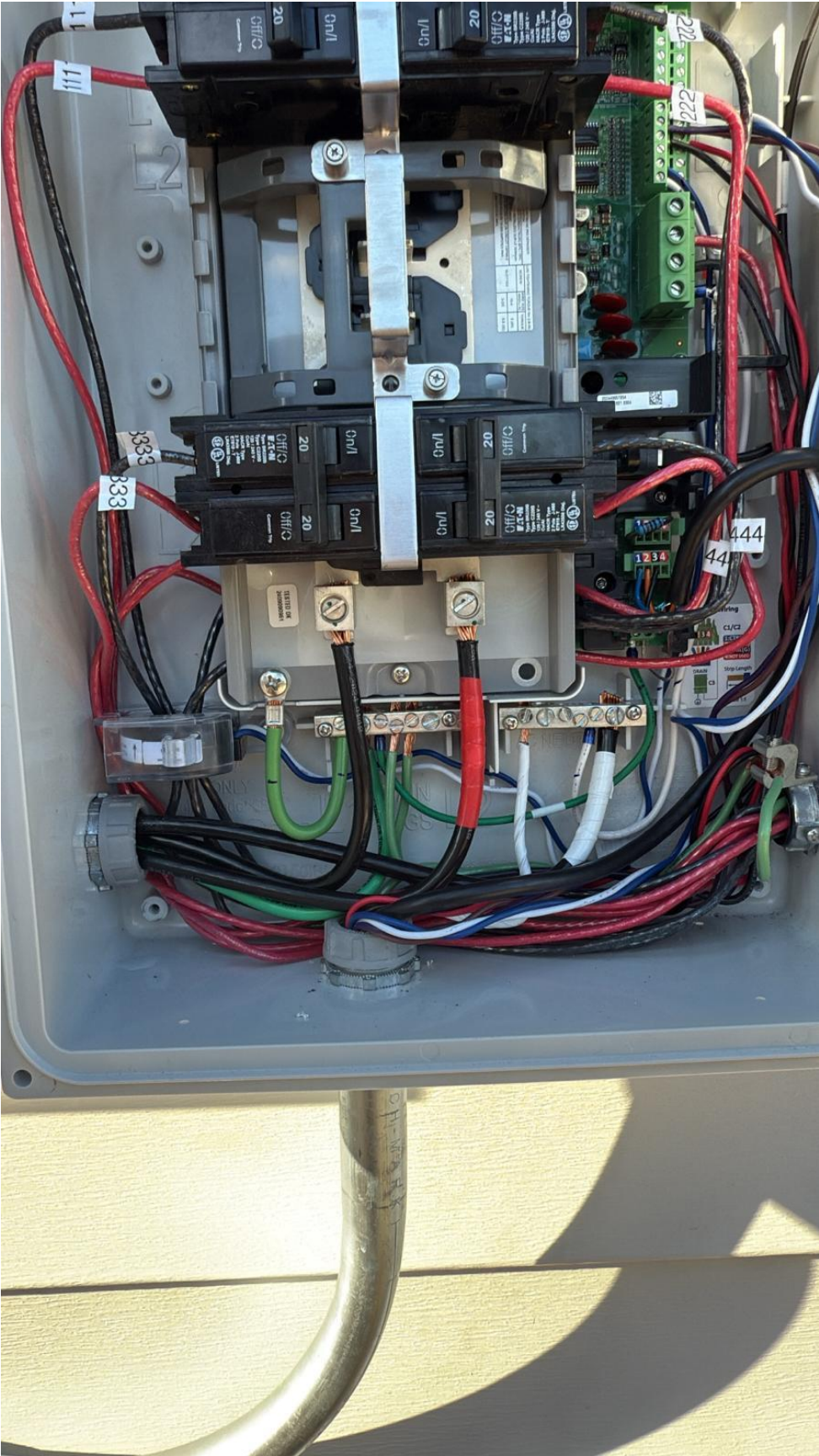
RATED AC OUTPUT CURRENT **63.2** AMPS
NOMINAL OPERATING AC VOLTAGE **240** VOLTS

RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM

BATTERY DISCONNECT LOCATED IN THE
IQ COMBINER 3 TO THE LEFT

SERVICE DISCONNECT LOCATED IN THE
IQ COMBINER 3 TO THE LEFT







⚠ WARNING ⚠
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

PHOTOVOLTAGIC SYSTEM
COMBINER PANEL
DO NOT ADD LOADS

⚠ WARNING ⚠
THREE POWER SOURCES
SOURCES: UTILITY GRID, BATTERY
AND PV SOLAR ELECTRIC SYSTEM

PHOTOVOLTAGIC POWER SOURCE
OPERATING AC VOLTAGE 240 V
MAXIMUM OPERATING
AC OUTPUT CURRENT 63.2 A

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE
'OFF' POSITION TO
SHUT DOWN PV SYSTEM
AND REDUCE
SHOCK HAZARD
IN THE ARRAY

