



Install

373 Winding Crk Dr Lillington, NC 27546

Project Information

Work Type	Install	Customer/Homeowner Email
Property Address	373 Winding Crk Dr Lillington, NC 27546	Was Rejected? For LightReach use only
Permitted City, State, Zip		If yes, provide details
Customer/Homeowner Name	Jacob Walters	Rejected Details Reviewed and Accepted
Customer/Homeowner Phone		

Site Info

Is this a Manufactured home?

Pre-Existing Damage & Conditions

Click the button below to add a Pre-Existing Damage or Condition

Any pre-existing damage or conditions should also be documented, such as broken vent boot flashing, chimney cracks or leaks, altered satellite dishes, gutters, torn or missing shingles, shingle cap damage, and generally anything that could potentially be a workmanship liability in the project work area.

Documentation helps reduce unnecessary service evaluations

Roof Photos

Array

Array #

1

2

Roof Photos / Close up of attachment – Sealed & installed



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Close up of attachment – Sealed & installed



Internal Installers
Loc: 35.5815, -78.8196

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Roof Photos / Close up of attachment – Sealed & installed



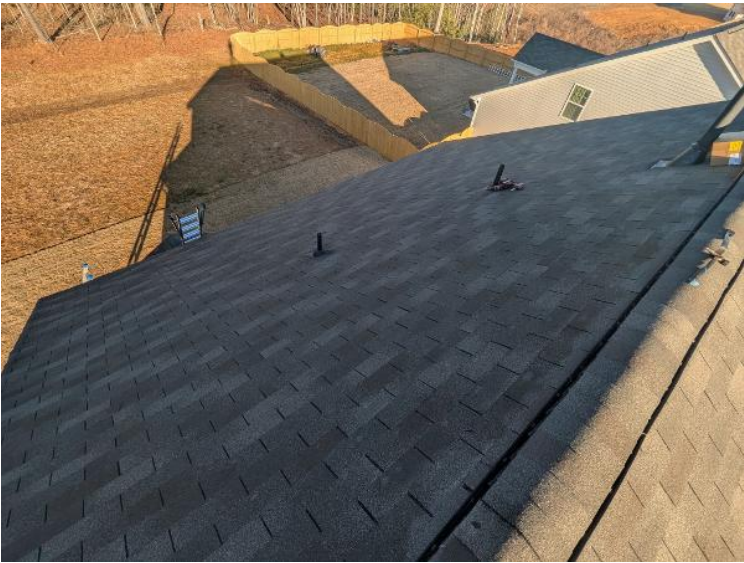
Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Close up of attachment – Sealed & installed



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Internal Installers

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Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Close up of attachment – Sealed & installed



Internal Installers
Loc: 35.5816, -78.8197

Roof Photos / Close up of attachment – Sealed & installed



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Close up of attachment – Sealed & installed



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Close up of attachment – Sealed & installed



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Loc: 35.5815, -78.8196

Roof Photos / Close up of attachment – Sealed & installed



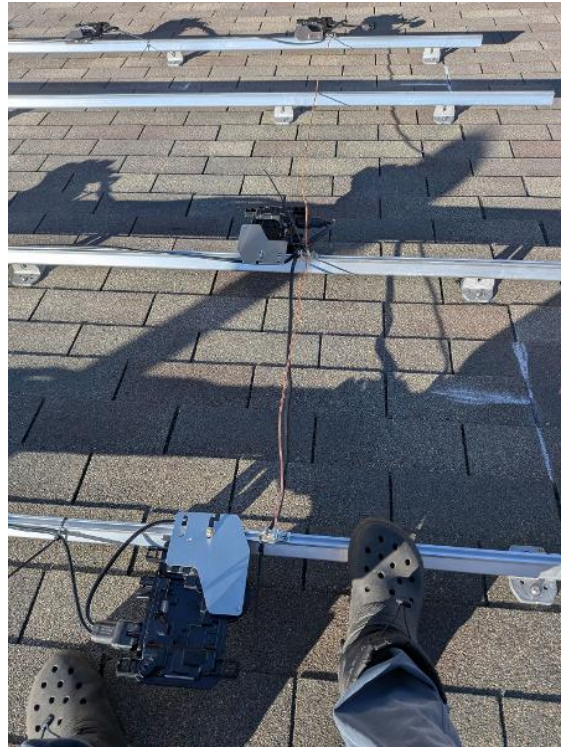
Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Close up of attachment – Sealed & installed



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Rail with Optos/Micros + EGC installed + Wire management



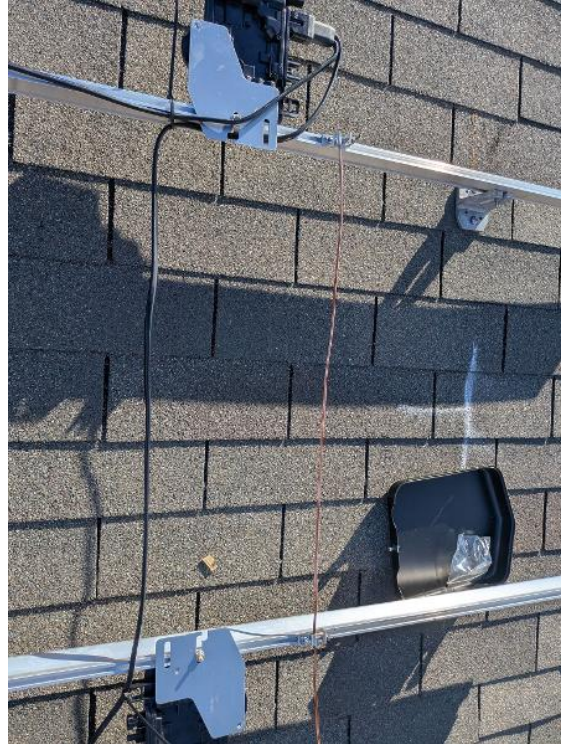
Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Rail with Optos/Micros + EGC installed + Wire management



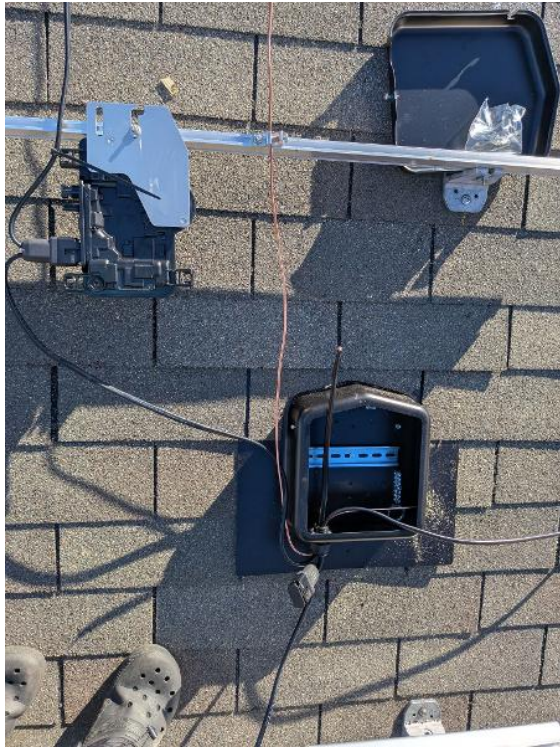
Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Rail with Optos/Micros + EGC installed + Wire management



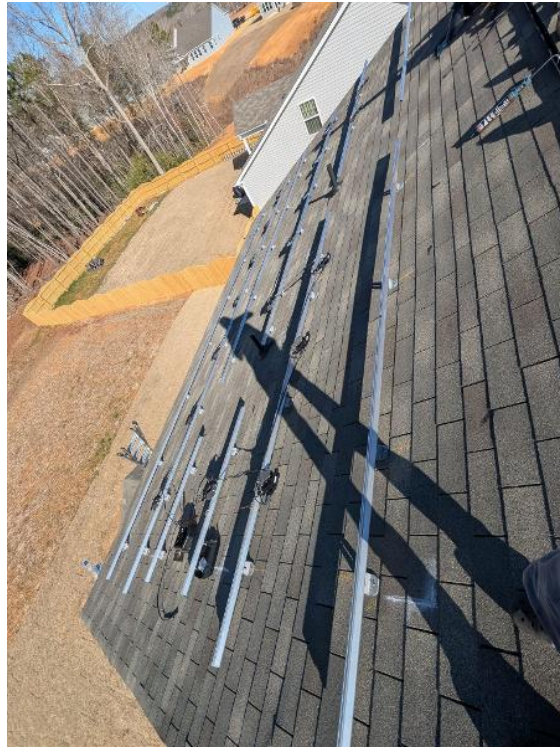
Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Rail with Optos/Micros + EGC installed + Wire management



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Rail with Optos/Micros + EGC installed + Wire management



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Complete Array with all modules visible + Rail trimmed



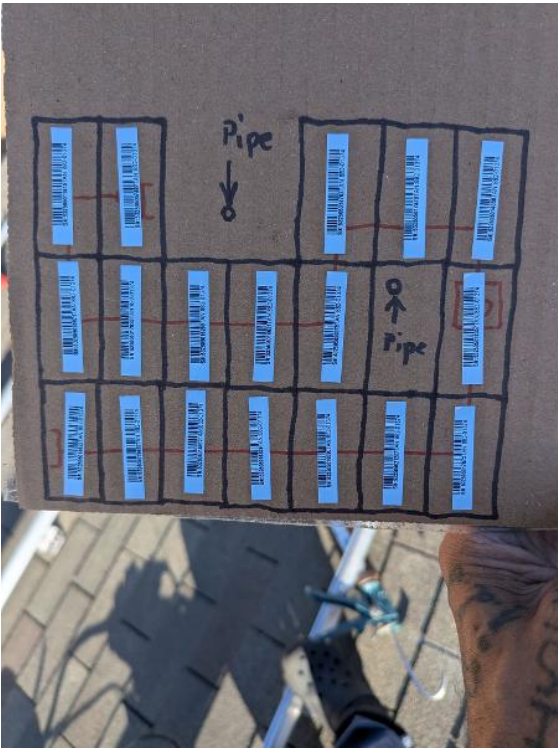
Internal Installers
Loc: 35.5816, -78.8196

Roof Photos / Array 1 / Complete Array with all modules visible + Rail trimmed



Internal Installers
Loc: 35.5816, -78.8196

Roof Photos / Array 1 / Complete Array with all modules visible + Rail trimmed



Internal Installers
Loc: 35.5816, -78.8196

Roof Photos / Array 1 / Complete Array with all modules visible + Rail trimmed



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Under Array photo - post module installation



Internal Installers
Loc: 35.5816, -78.8195

Roof Photos / Array 1 / Under Array photo - post module installation



Internal Installers
Loc: 35.5816, -78.8195

Roof Photos / Array 1 / Tilt - measured on array



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Junction box - Internal wiring including terminations, bonding & grounding



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 1 / Junction box - Internal wiring including terminations, bonding & grounding



Internal Installers
Loc: 35.5816, -78.8196

Roof Photos / Array 1 / Junction box - Internal wiring including terminations, bonding & grounding



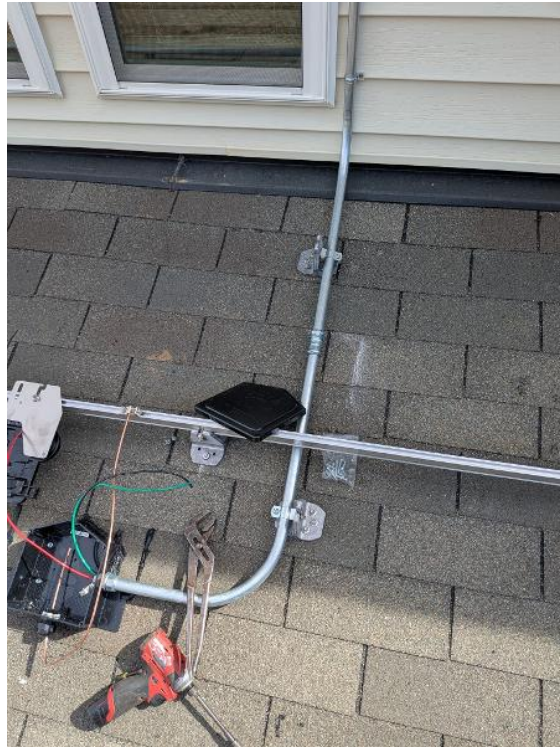
Internal Installers
Loc: 35.5816, -78.8196

Roof Photos / Array 2 / Rail with Optos/Micros + EGC installed + Wire management



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Rail with Optos/Micros + EGC installed + Wire management



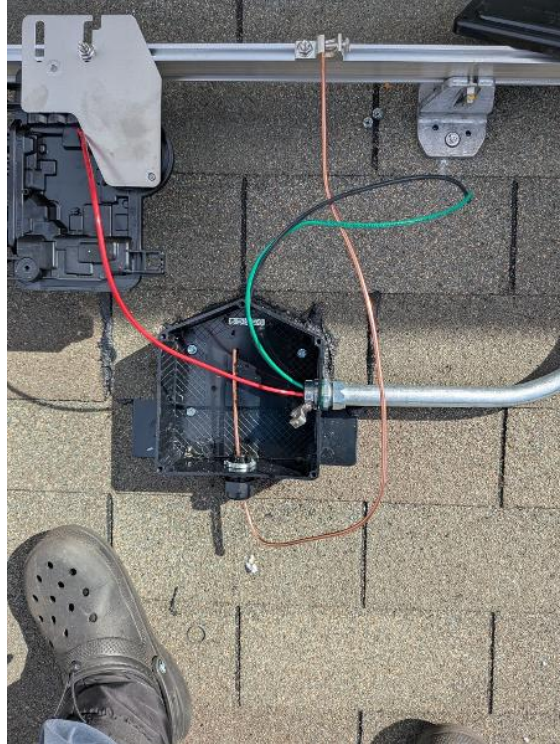
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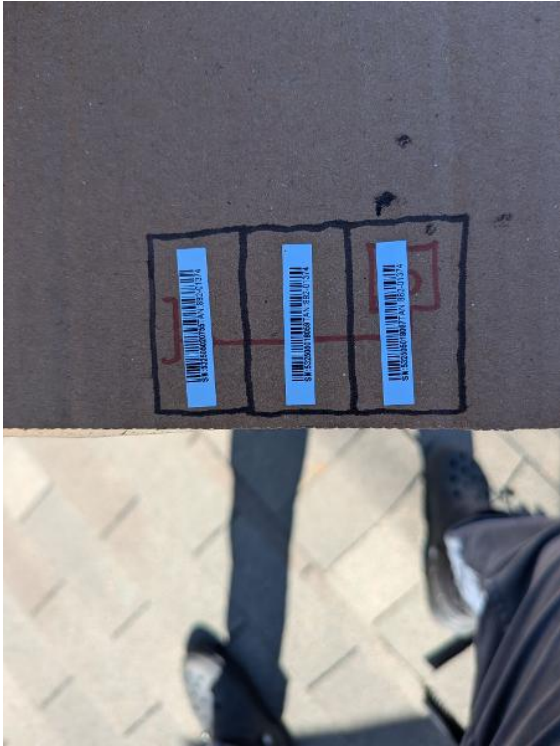
Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Complete Array with all modules visible + Rail trimmed



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Complete Array with all modules visible + Rail trimmed



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Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Complete Array with all modules visible + Rail trimmed



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Under Array photo - post module installation



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Tilt - measured on array



Internal Installers
Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Junction box - Internal wiring including terminations, bonding & grounding



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Loc: 35.5815, -78.8196

Roof Photos / Array 2 / Junction box - Internal wiring including terminations,
bonding & grounding



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Roof Photos / Array 2 / Junction box - Internal wiring including terminations,
bonding & grounding



Internal Installers
Loc: 35.5815, -78.8196

Electrical photos

Sub Panel/Combiner Panel

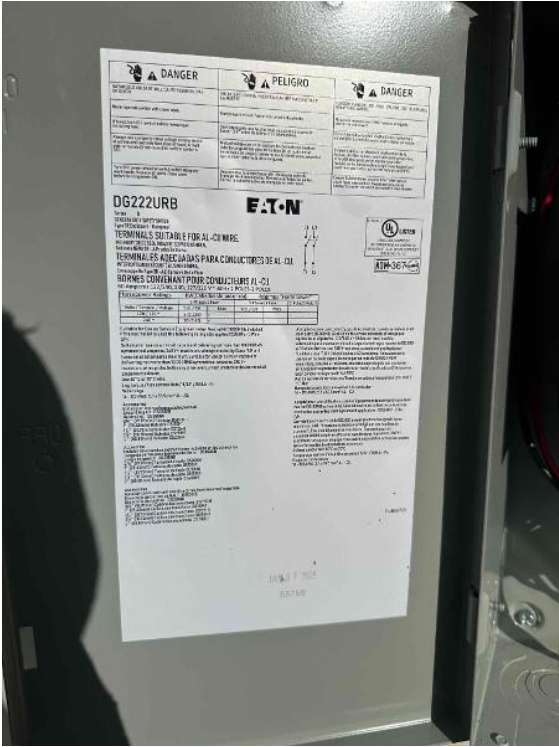
Sub Panel/Combiner Panel #

Electrical photos / AC Disconnects (if Fused) - Interior wiring and terminations Pull back



Internal Installers

Electrical photos / AC Disconnects (if Fused) - Interior wiring and terminations Pull back



Internal Installers

Electrical photos / AC Disconnects (if Fused) - Interior wiring and terminations Pull back



Internal Installers

Electrical photos / Sub Panel/Combiner Panel / Interior wiring and terminations



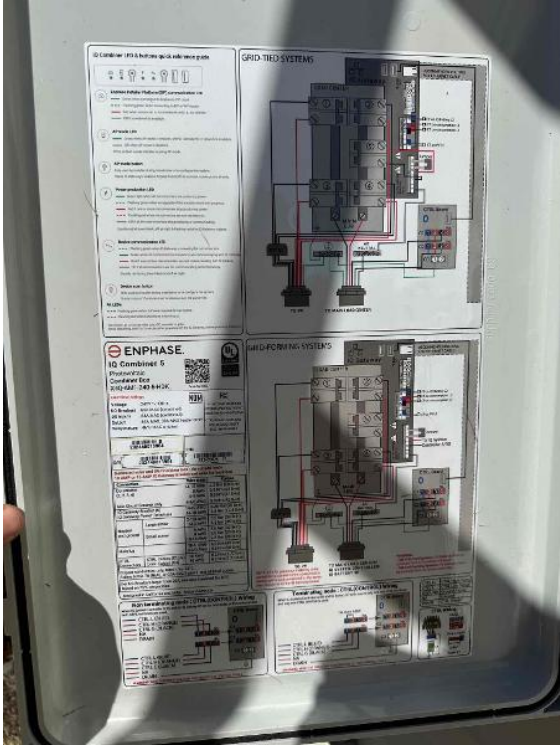
Internal Installers

Electrical photos / Sub Panel/Combiner Panel / Interior wiring and terminations



Internal Installers

Electrical photos / Sub Panel/Combiner Panel / Interior wiring and terminations



Internal Installers

Electrical photos / Sub Panel/Combiner Panel / Interior wiring and terminations



Internal Installers

Electrical photos / Main Breaker rating



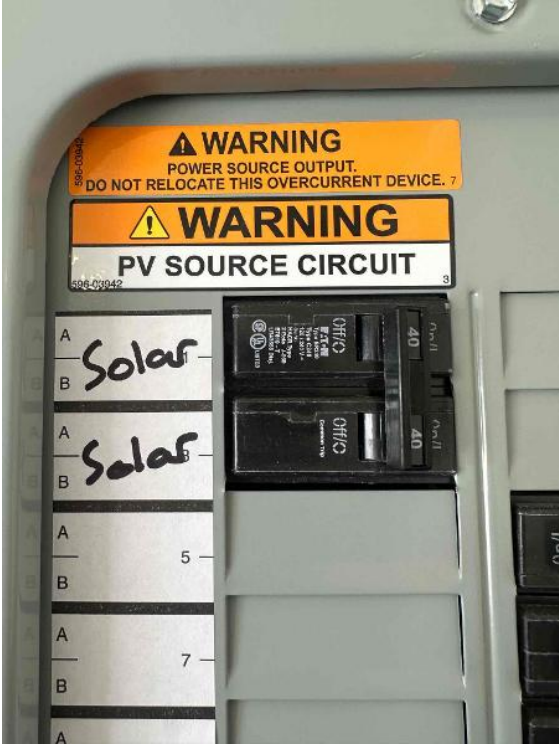
Internal Installers

Electrical photos / Main Breaker rating



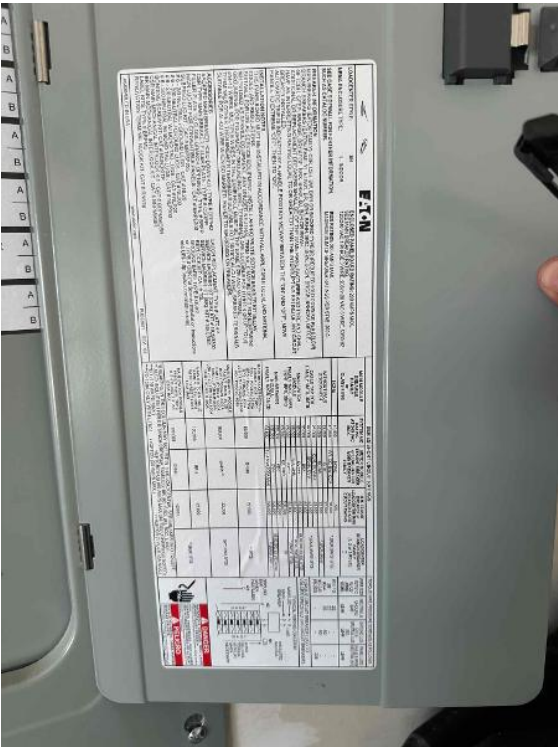
Internal Installers

Electrical photos / Main Breaker rating



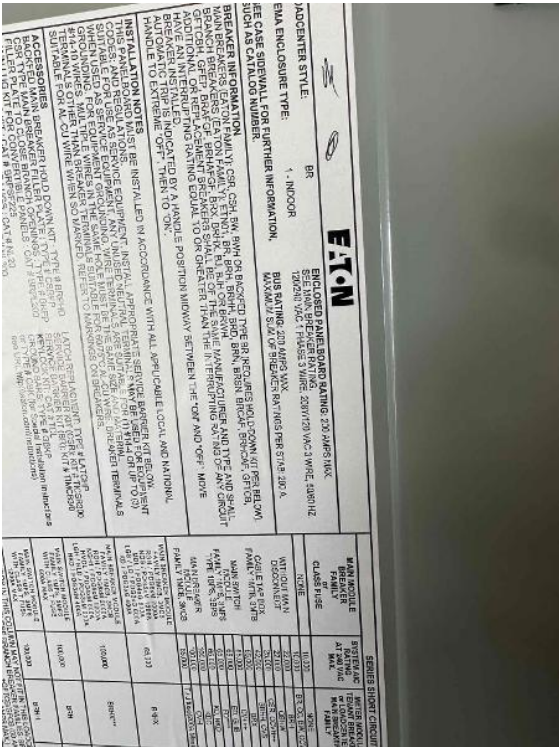
Internal Installers

Electrical photos / Main Breaker rating



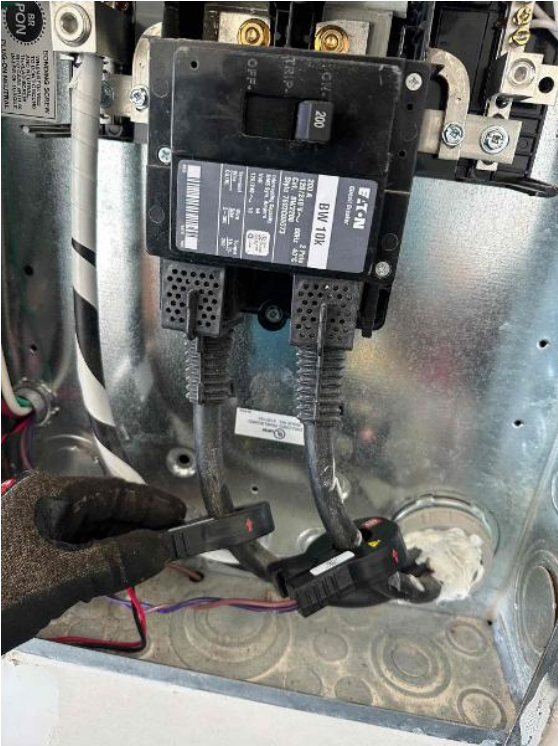
Internal Installers

Electrical photos / Main Breaker rating



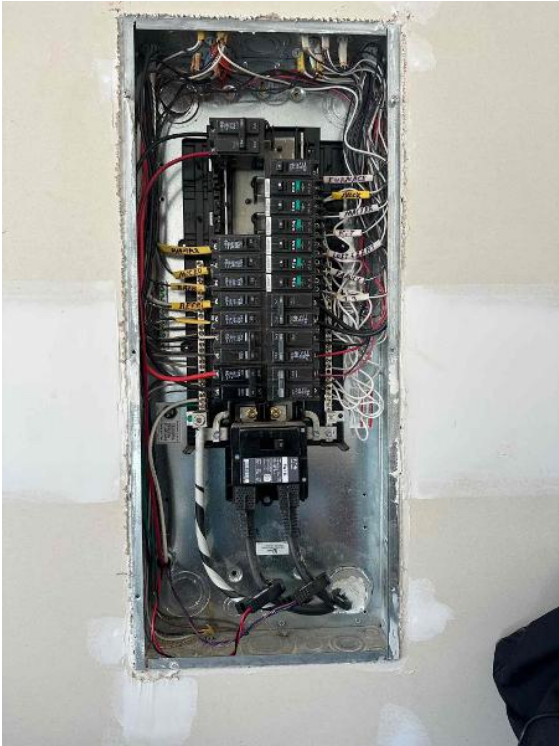
Internal Installers

Electrical photos / Main Breaker rating



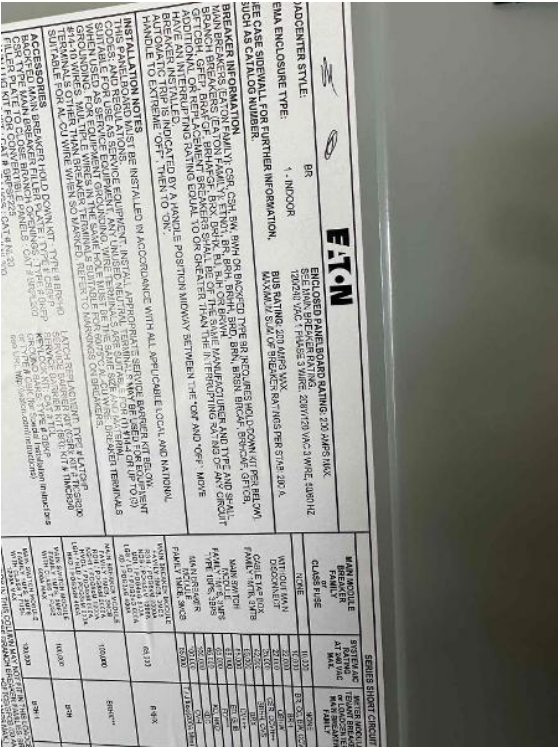
Internal Installers

Electrical photos / Main Breaker rating



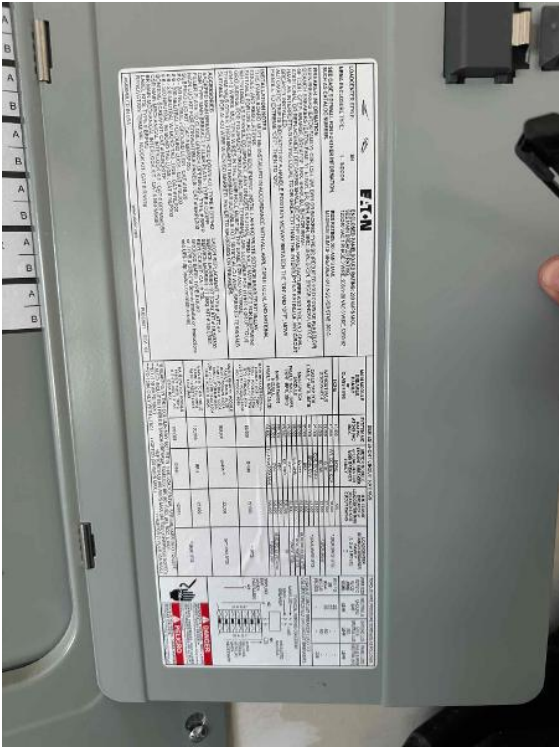
Internal Installers

Electrical photos / Busbar rating - Panel label with busbar rating clearly legible



Internal Installers

Electrical photos / Busbar rating - Panel label with busbar rating clearly legible



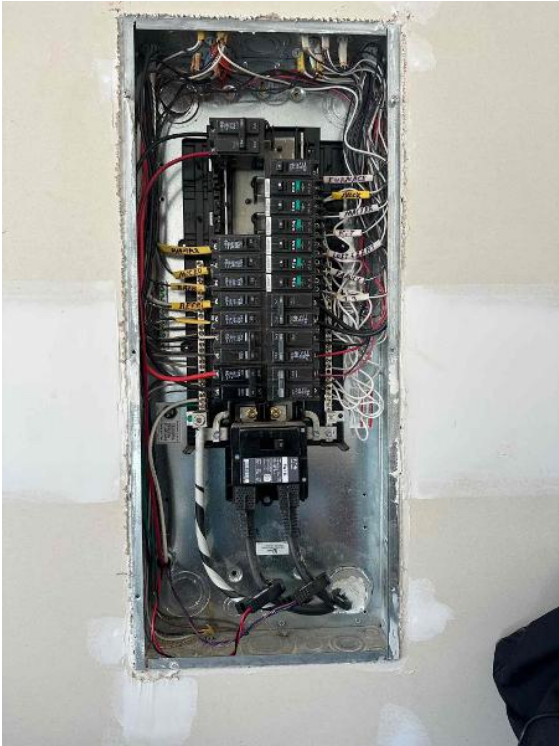
Internal Installers

Electrical photos / Busbar rating - Panel label with busbar rating clearly legible



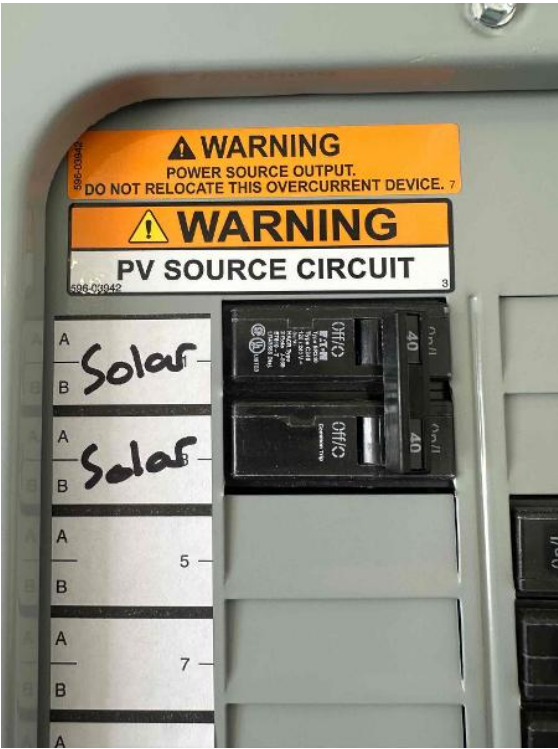
Internal Installers

Electrical photos / Point of Interconnection - Pull back



Internal Installers

Electrical photos / Point of Interconnection - Close up



Internal Installers

Electrical photos / Sub panel/Downstream main breaker (required - if load side tap)



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS

12:02

5. Validation

< Meter Configuration

Time left ~2 mins

All meters communicating normally

Production Meter

Active Power3.73 kW

Apparent Power3.87 kVA

Selected PhaseL1(A) + L2(B)

Consumption Meter

Active Power2.44 kW (Exporting to Grid)

Apparent Power2.70 kVA

Selected PhaseL1(A) + L2(B)

Meter LocationLoad with Solar

Verify Production and Consumption CT

View Advanced Readings

Next step: Post Commissioning

IQ Gateway: 202449016984

Internal Installers

Electrical photos / Pull back of BOS

12:02

5. Validation

< Summary Report

Time left ~2 mins

Share or download report

Production Meter	Consumption Meter	State structure
IQ Gateway 202449016984	IQ Gateway 202449016984	No structure
Connection to Explorer Cloud	Test report to Explorer Cloud	Grid Profile
OK	OK	OK

21 IQ Microinverters

Serial number	Last report	Power	Grid Profile	Microinverter Version
IQM0000001	2024-03-20 12:01:00	OK	Grid up	IQM0000001-v2.0.0.0
IQM0000002	2024-03-20 12:01:00	OK	Grid up	IQM0000002-v2.0.0.0
IQM0000003	2024-03-20 12:01:00	OK	Grid up	IQM0000003-v2.0.0.0
IQM0000004	2024-03-20 12:01:00	OK	Grid up	IQM0000004-v2.0.0.0
IQM0000005	2024-03-20 12:01:00	OK	Grid up	IQM0000005-v2.0.0.0
IQM0000006	2024-03-20 12:01:00	OK	Grid up	IQM0000006-v2.0.0.0
IQM0000007	2024-03-20 12:01:00	OK	Grid up	IQM0000007-v2.0.0.0
IQM0000008	2024-03-20 12:01:00	OK	Grid up	IQM0000008-v2.0.0.0
IQM0000009	2024-03-20 12:01:00	OK	Grid up	IQM0000009-v2.0.0.0
IQM0000010	2024-03-20 12:01:00	OK	Grid up	IQM0000010-v2.0.0.0
IQM0000011	2024-03-20 12:01:00	OK	Grid up	IQM0000011-v2.0.0.0
IQM0000012	2024-03-20 12:01:00	OK	Grid up	IQM0000012-v2.0.0.0
IQM0000013	2024-03-20 12:01:00	OK	Grid up	IQM0000013-v2.0.0.0
IQM0000014	2024-03-20 12:01:00	OK	Grid up	IQM0000014-v2.0.0.0
IQM0000015	2024-03-20 12:01:00	OK	Grid up	IQM0000015-v2.0.0.0
IQM0000016	2024-03-20 12:01:00	OK	Grid up	IQM0000016-v2.0.0.0
IQM0000017	2024-03-20 12:01:00	OK	Grid up	IQM0000017-v2.0.0.0

Generated by SolarEdge Tools

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Next step: Post Commissioning

IQ Gateway: 202449016984

Internal Installers

Electrical photos / Pull back of BOS

12:02

5. Validation

< Summary Report

Time left ~2 mins

Share or download report

IQ Gateway Communications Report

2024-03-20 12:01:00

System

The system is configured to operate in Grid mode (IQM0000001-v2.0.0.0)

Name	Manufacturer	Model
IQ Gateway	SolarEdge	IQM0000001

Production Meter

IQ Gateway 202449016984	IQ Gateway 202449016984	No structure
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Consumption Meter

IQ Gateway 202449016984	IQ Gateway 202449016984	No structure
-------------------------	-------------------------	--------------

Connection to Explorer Cloud

Test report to Explorer Cloud

Grid Profile

OK

21 IQ Microinverters

Serial number	Last report	Power	Grid Profile	Microinverter Version
IQM0000001	2024-03-20 12:01:00	OK	Grid up	IQM0000001-v2.0.0.0
IQM0000002	2024-03-20 12:01:00	OK	Grid up	IQM0000002-v2.0.0.0
IQM0000003	2024-03-20 12:01:00	OK	Grid up	IQM0000003-v2.0.0.0
IQM0000004	2024-03-20 12:01:00	OK	Grid up	IQM0000004-v2.0.0.0
IQM0000005	2024-03-20 12:01:00	OK	Grid up	IQM0000005-v2.0.0.0
IQM0000006	2024-03-20 12:01:00	OK	Grid up	IQM0000006-v2.0.0.0
IQM0000007	2024-03-20 12:01:00	OK	Grid up	IQM0000007-v2.0.0.0
IQM0000008	2024-03-20 12:01:00	OK	Grid up	IQM0000008-v2.0.0.0
IQM0000009	2024-03-20 12:01:00	OK	Grid up	IQM0000009-v2.0.0.0
IQM0000010	2024-03-20 12:01:00	OK	Grid up	IQM0000010-v2.0.0.0
IQM0000011	2024-03-20 12:01:00	OK	Grid up	IQM0000011-v2.0.0.0
IQM0000012	2024-03-20 12:01:00	OK	Grid up	IQM0000012-v2.0.0.0
IQM0000013	2024-03-20 12:01:00	OK	Grid up	IQM0000013-v2.0.0.0
IQM0000014	2024-03-20 12:01:00	OK	Grid up	IQM0000014-v2.0.0.0
IQM0000015	2024-03-20 12:01:00	OK	Grid up	IQM0000015-v2.0.0.0
IQM0000016	2024-03-20 12:01:00	OK	Grid up	IQM0000016-v2.0.0.0
IQM0000017	2024-03-20 12:01:00	OK	Grid up	IQM0000017-v2.0.0.0

Generated by SolarEdge Tools

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Next step: Post Commissioning

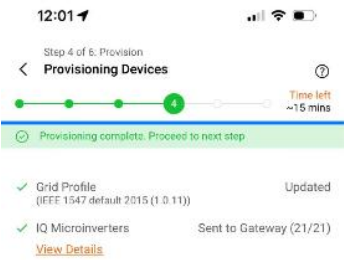
IQ Gateway: 202449016984

Internal Installers

Page 21 of 29

Report Created: 03/20/2025

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



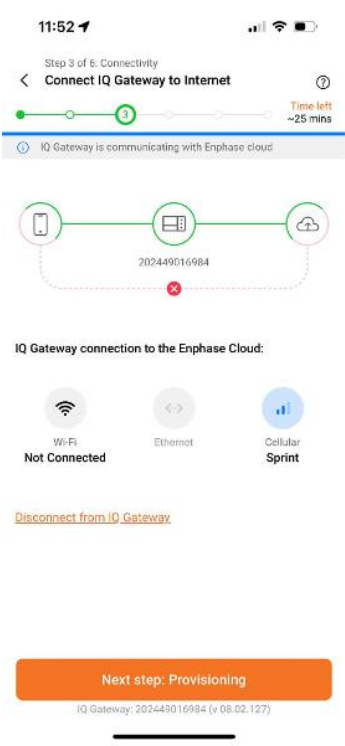
Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

Electrical photos / Pull back of BOS



Internal Installers

A photograph showing the interior of a roof cavity. On the left, there is a thick layer of white, fluffy insulation. To the right, wooden joists are visible, with a corrugated metal pipe running vertically through them. A black strap is visible on the left side, securing something. The overall scene is dimly lit, with light coming from the right side.

Report Created: 03/20/2025

Component Identification

Component Identification / Optimizers/Micro Inverters/Inverter label



Internal Installers
Loc: 35.5816, -78.8195

Component Identification / Photo of PV module in Front of Address



Internal Installers
Loc: 35.5815, -78.8196



Internal Installers
Loc: 35.5815, -78.8196

Pre-Construction Work

Additional Mounting Systems

Batteries

Commissioning

12:02

5. Validation

< Meter Configuration

Time left ~2 mins

All meters communicating normally

Production Meter

Active Power

3.73 kW

Apparent Power

3.87 kVA

Selected Phase

L1(A) + L2(B)

Consumption Meter

Active Power

2.44 kW (Exporting to Grid)

Apparent Power

2.70 kVA

Selected Phase

L1(A) + L2(B)

Meter Location

Load with Solar

[Verify Production and Consumption CT](#)

[View Advanced Readings](#)

Next step: Post Commissioning

IQ Gateway: 2C2449016984

12:01

Step 4 of 6: Provision

Provisioning Devices

Time left
~15 mins

✓

Provisioning complete. Proceed to next step.

✓

Grid Profile
(IEFF 1547 default 2015 (1.0.11))
[View Details](#)

Updated

✓

IQ Microinverters
[View Details](#)

Sent to Gateway (21/21)

Next step: Validation

IQ Gateway: 2C2449016984

[illegible]

12:02

5. Validation

Summary Report

Time left

2 mins

Share or download report

IQ Gateway Communications Report

2/18/2025, 10:25 PM

This report displays the frequency, status, and size of all IQ Gateway sessions.

Name	Host/Interface Reference	Owner
Host: Mainline - 1773-Wireless-Client	Host: Mainline - 1773-Wireless-Client	Joe.Brown@mycompany.com

Session ID	Session 2
1773-Wireless-Client	NA

Entity	Host
1773-Wireless-Client	Mainline-Host

API/Port/Link	Country
1773-Wireless-Client	United States

IQ Gateway

Entity/Interface	Software Version	Type
1773-Wireless-Client	(v3.1.1) (v3.1.1) (v3.1.1)	Client/Server

Production Name	Connection Type	Session Status
1773-Wireless-Client	1773-Wireless-Client	Not Available

Connection to Gateway/Client	Last report to Gateway/Client	Grid Profile
1773-Wireless-Client	2/18/2025, 10:25 PM	1773-Wireless-Client - 1773-Wireless-Client

21 IQ Measurements

21 IQ Measurements (IQ)

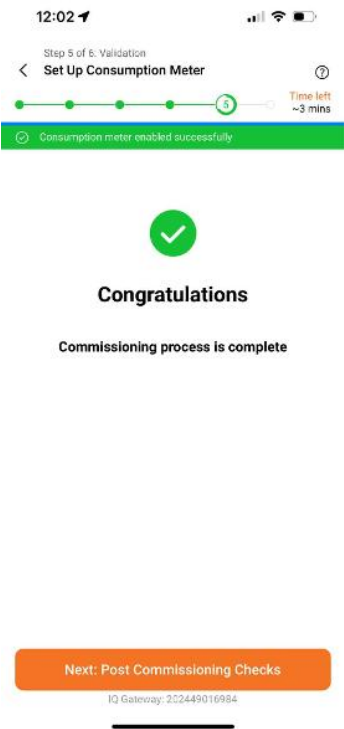
Entity/Interface	Last report	Power	Grid Profile	Frequency/Modulation
1773-Wireless-Client	2/18/2025, 10:25 PM	0.00 W	1773-Wireless-Client	1773-Wireless-Client (v3.1.1)
1773-Wireless-Client	2/18/2025, 10:25 PM	0.00 W	1773-Wireless-Client	1773-Wireless-Client (v3.1.1)
1773-Wireless-Client	2/18/2025, 10:25 PM	0.00 W	1773-Wireless-Client	1773-Wireless-Client (v3.1.1)
1773-Wireless-Client	2/18/2025, 10:25 PM	0.00 W	1773-Wireless-Client	1773-Wireless-Client (v3.1.1)

Next step: Post Configuration

IQ Gateway: 2/24/2025 10:25 PM

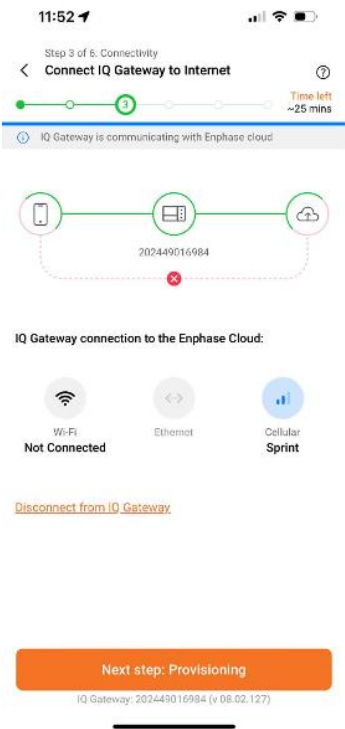
Report Created: 03/20/2025

Commissioning / Commissioning - Tesla screenshots showing fully operational system with all devices paired



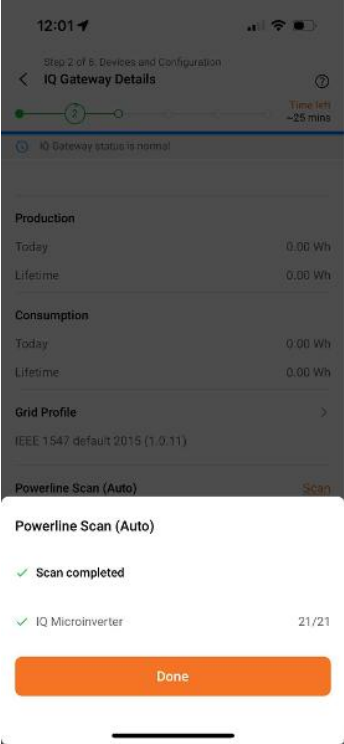
Internal Installers

Commissioning / Commissioning - Tesla screenshots showing fully operational system with all devices paired



Internal Installers

Commissioning / Commissioning - Tesla screenshots showing fully operational system with all devices paired



Internal Installers

