



Robert Shepard

98 Kipling Crk Dr Fuquay-Varina, NC 27526
68bb2e0c154b445f765ec8ad

Project Information

Work Type	LightReach JCO	Customer/Homeowner Phone
LightReach Account ID	68bb2e0c154b445f765ec8ad	Customer/Homeowner Email
Property Address	98 Kipling Crk Dr Fuquay-Varina, NC 27526	Was Rejected? For LightReach use only
Permitted City, State, Zip		If yes, provide details
Customer/Homeowner Name	Robert Shepard	Rejected Details Reviewed and Accepted

Site Info

Is this a Manufactured home?

Revisit/Corrections

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

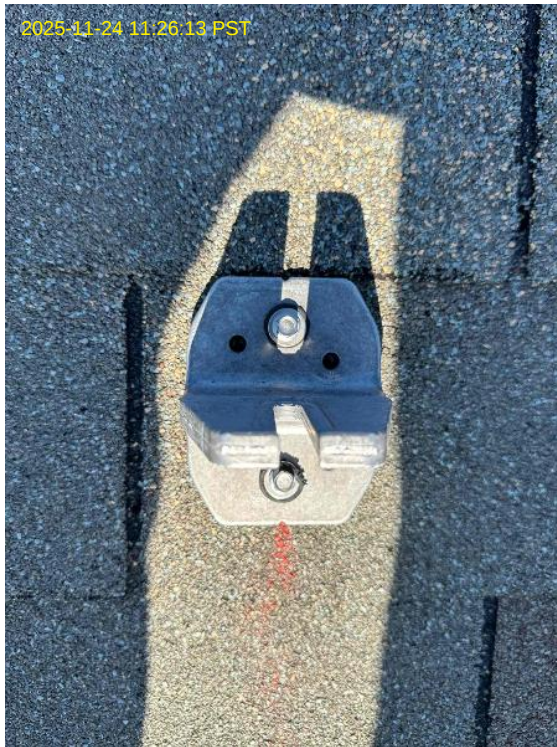
Roof Photos

Array

Array #

1

Roof Photos / Close up of attachment – Sealed & installed



Internal Installers

Roof Photos / Photo: Splice Bar



Internal Installers

Roof Photos / Photo: Splice Bar



Internal Installers

Roof Photos / Photo: Mid Clamp



Internal Installers

Roof Photos / Photo: Mid Clamp



Internal Installers

Roof Photos / Photo: End Clamp



Internal Installers

Roof Photos / Photo: End Clamp



Internal Installers

Roof Photos / Photo: End Clamp



Internal Installers

Roof Photos / Photo: End Clamp



Internal Installers

Roof Photos / Photo: Rail End



Internal Installers

Roof Photos / Photo: MLPE Front & Back



Internal Installers

Roof Photos / Photo: MLPE Front & Back



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

Roof Photos / Array 1 / Tilt - measured on array



Internal Installers

Roof Photos / Array 1 / Tilt - measured on array



Internal Installers

Roof Photos / Array 1 / Tilt - measured on array



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

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



Internal Installers

Electrical photos

Inverter

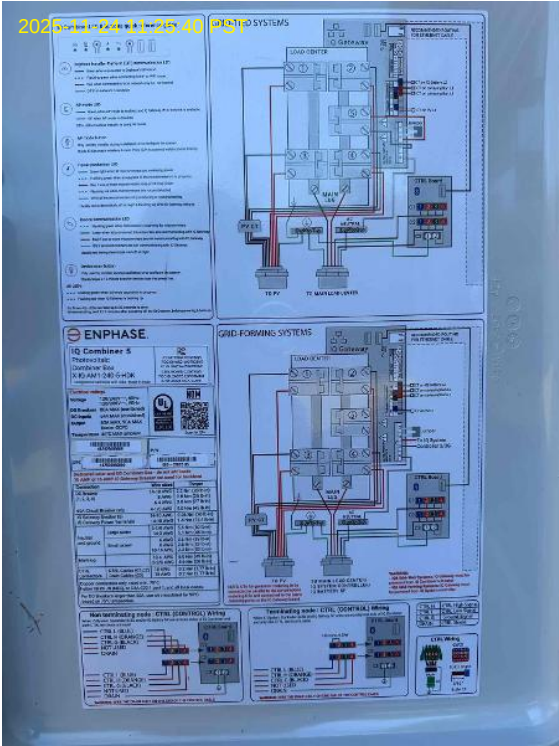
Inverter or IQ Combiner #

Electrical photos / Inverter / Inverter(s) or IQ combiner wiring



Internal Installers

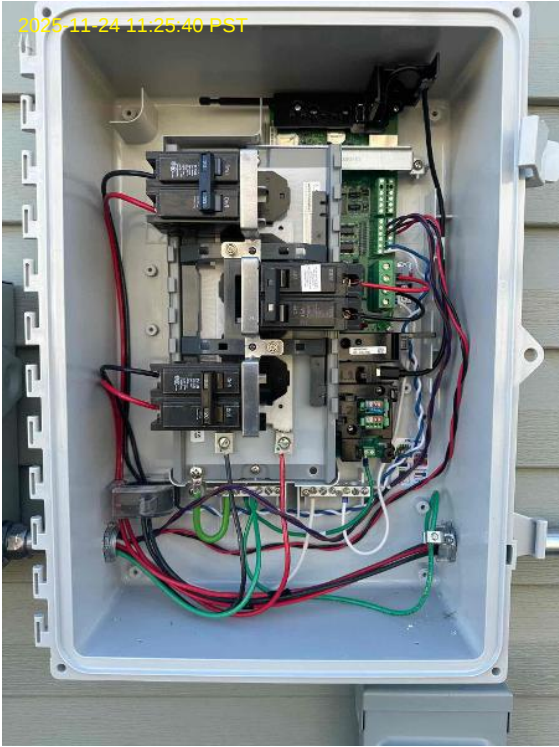
Electrical photos / Inverter / Inverter(s) or IQ combiner wiring



Internal Installers



Internal Installers



Internal Installers

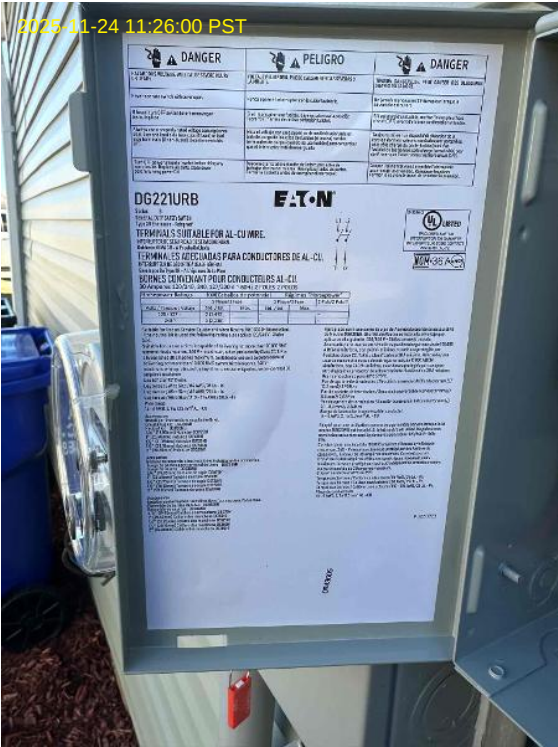


Internal Installers



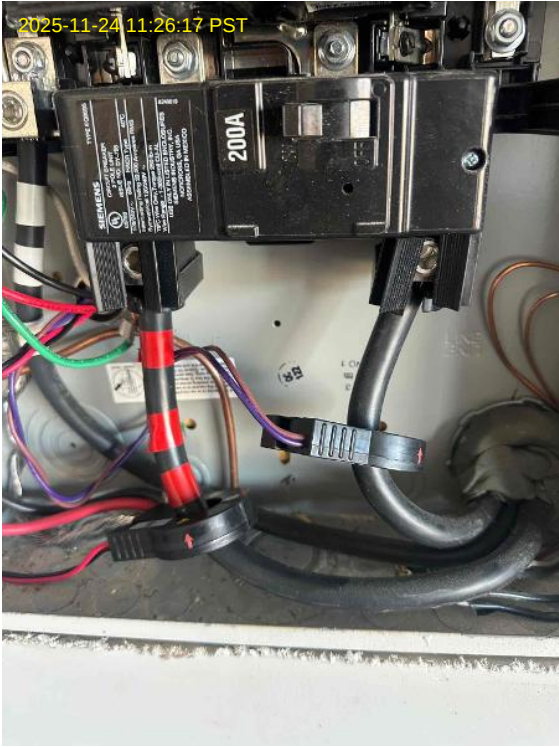
Internal Installers

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



Internal Installers

Electrical photos / Main Breaker rating



Internal Installers

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



Internal Installers

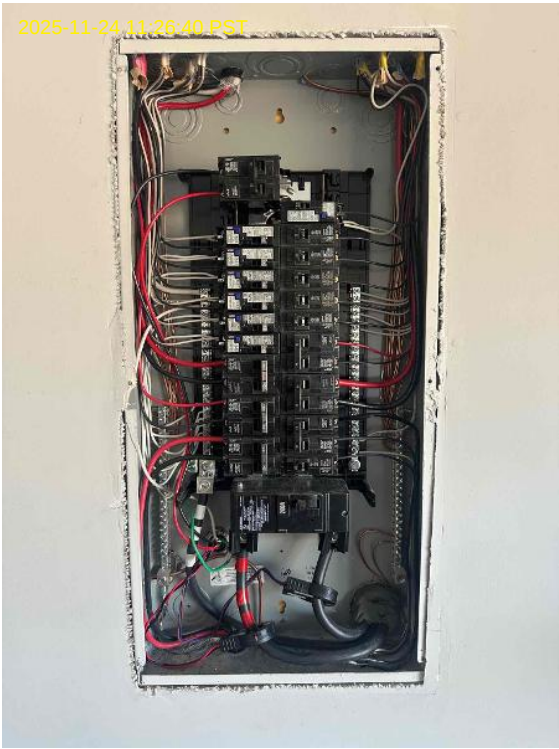
Electrical photos / Point of Interconnection - Pull back



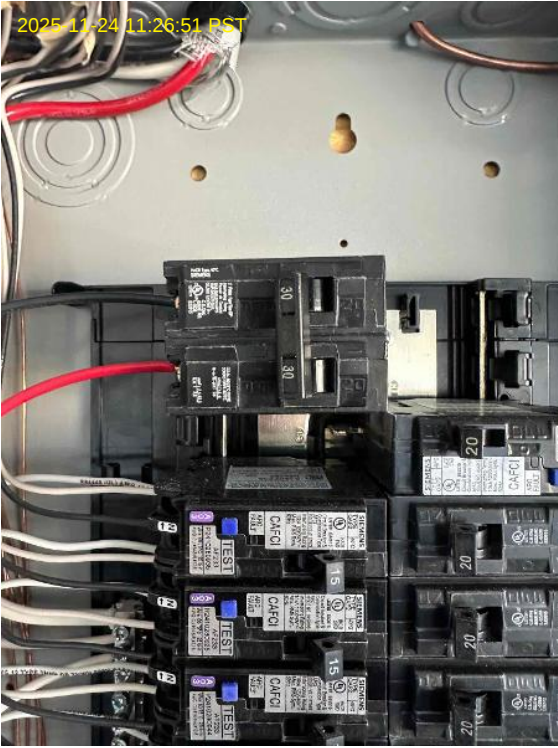
Internal Installers



Internal Installers



Internal Installers



Internal Installers



Internal Installers



Internal Installers



Internal Installers



Internal Installers



Internal Installers
Loc: 35.6032, -78.8168

Electrical photos / Pull back of BOS



Internal Installers
Loc: 35.6031, -78.8172

Electrical photos / Pull back of BOS



Internal Installers
Loc: 35.6033, -78.8168

Electrical photos / Pull back of BOS



Internal Installers
Loc: 35.6033, -78.8167

Electrical photos / Pull back of BOS



Internal Installers
Loc: 35.6032, -78.8169

Component Identification / Optimizers/Micro Inverters/Inverter label



Internal Installers

Component Identification / Optimizers/Micro Inverters/Inverter label



Internal Installers

Component Identification / Optimizers/Micro Inverters/Inverter label



Internal Installers

Component Identification / Distinct serial of PV module used on site in front of address/home



Internal Installers

Component Identification / PV Module data label - Pull back of panel label on site

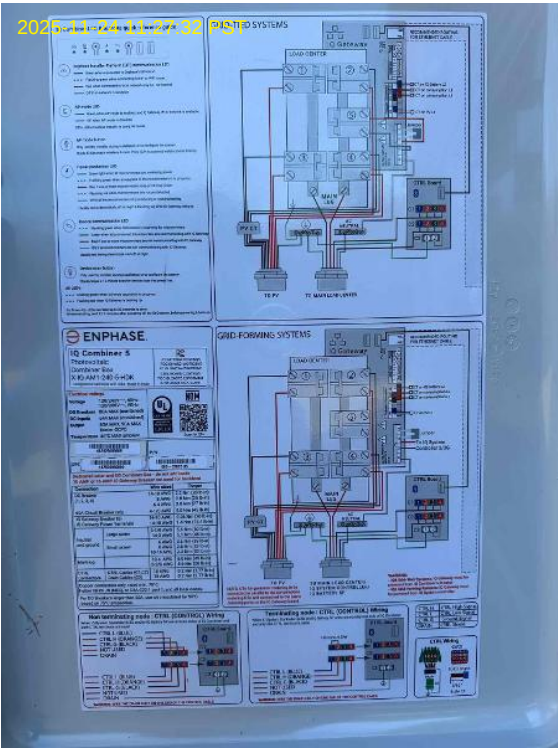


Internal Installers

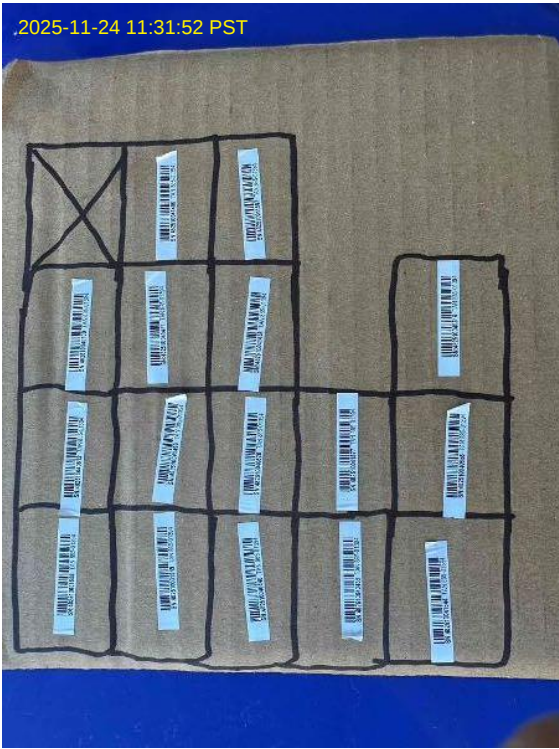
Component Identification / PV Module data label - Pull back of panel label on site



Internal Installers



Internal Installers



Internal Installers

Pre-Construction Work

Additional Mounting Systems

Batteries

Commissioning

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

2025-1-24 11:26:43 PST

5 Validation

Summary Report

Time left ~2 mins

Share or download report

Site Name	North Carolina	
Zip/Postal Code	27501	
City	Raleigh	

Serial number	Software version	Type
482529059609	482.5.10.1.0.0	IQ Gateway

Production Meter	Consumption Meter	Rate structure
Comcast 1200VA	Lighting 1000 VA (Default)	Flat (Default)
Time to Connect	Not Available	

Connection to External Cloud	Last update to External Cloud	Grid Profile
OK	2025-01-24 11:26:43 PST	Grid Profile: IEEE 1547 (Default)

16 IQ Microinverters

16 IQ Microinverters HSMC

Serial number	Last report	Power	Grid Profile	Minimum Voltage
482529059609	2025-01-24 11:26:43 PST	110 W	Flat	120.000 V (40.000 Hz)
482529059609	2025-01-24 11:26:43 PST	110 W	Flat	120.000 V (40.000 Hz)
482529059609	2025-01-24 11:26:43 PST	110 W	Flat	120.000 V (40.000 Hz)
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482529059609	2025-01-24 11:26:43 PST	110 W	Flat	120.000 V (40.000 Hz)

Next step: Post Commissioning

IQ Gateway: 482529059609

Internal Installers

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

2025-1-24 11:26:43 PST

99 Kipling Creek Drive

Device Details

Time left ~3 mins

All devices are scanned

Total device count: 17

Edit device count

IQ Gateway

482529059609

IQ Microinverter & Array

Scanned 16/16

Provisioned 16/16

Detected 16/16

Communicating 16/16

Array created 1

Producing power 16/16

Profile set 16/16

Next: Site Configuration

IQ Gateway: 482529059609

Internal Installers

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

2025-1-24 11:26:43 PST

5 Validation

Summary Report

Time left ~2 mins

Share or download report

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482529059609	2025-01-24 11:26:43 PST	110 W	Flat	120.000 V (40.000 Hz)
482529059609	2025-01-24 11:26:43 PST	110 W	Flat	120.000 V (40.000 Hz)

Next step: Post Commissioning

IQ Gateway: 482529059609

Internal Installers

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

2025-1-24 11:26:43 PST

Step 4 of 6: Provision

Provisioning Devices

Time left ~7 mins

Provisioning complete. Proceed to next step

Grid Profile

IEEE 1547 (default: 2015 (1.0.11))

Updated

IQ Microinverters

Sent to Gateway (16/16)

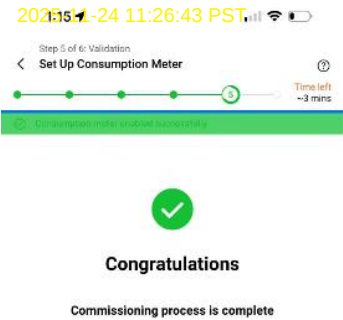
View Details

Next step: Validation

IQ Gateway: 482529059609

Internal Installers

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

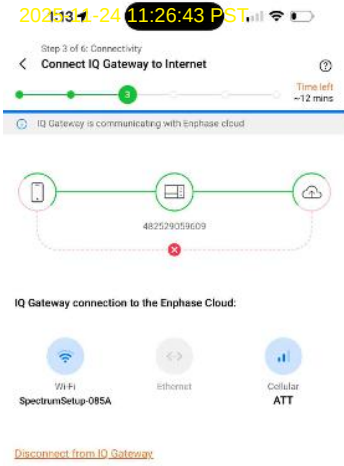


Next: Post Commissioning Checks

IQ Gateway: 482529059609

Internal Installers

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

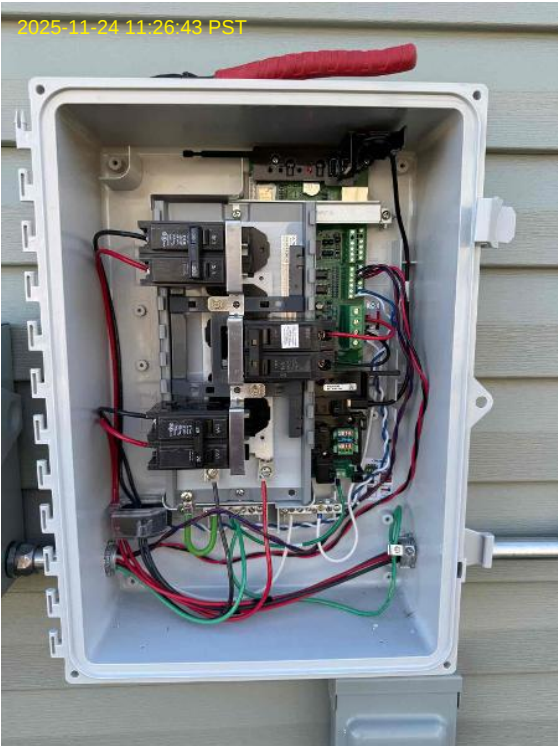


Next step: Provisioning

IQ Gateway: 482529059609 (x 08 02 4431)

Internal Installers

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



Internal Installers

Loc: 35.4416, -78.795