

21110

OCALA ELECTRIC UTILITY
OCALA, FLORIDA

FIRST REVISED SHEET NO. 19.0
CANCELS ORIGINAL SHEET NO. 19.0

**APPLICATION FOR INTERCONNECTION OF
CUSTOMER-OWNED RENEWABLE
GENERATION SYSTEMS**

TIER 1 - Ten (10) kW or Less

TIER 2 - Greater than 10 kW and Less Than or Equal to 100 kW

TIER 3 - Greater than 100 kW and Less Than or Equal to Two (2) MW

Note: These customer-owned renewable generation system size limits may be subject to a cumulative enrollment limit on net-metering customers located in the area served by the City of Ocala Electric Utility. Please refer to the Ocala Electric Utility Net-Metering Rate Schedule.

Ocala Electric Utility customers who install customer-owned renewable generation systems (RGS) and desire to interconnect those facilities with the Ocala Electric Utility system are required to complete this application. When the completed application and fees are returned to Ocala Electric Utility, the process of completing the appropriate Tier 1, Tier 2 or Tier 3 Interconnection Agreement can begin. This application and copies of the Interconnection Agreements may be obtained at Ocala Electric Utility, located at 201 SE 3rd Street, Ocala, Florida 34471, or may be requested by email from OEU@ocalafl.org.

1. Customer Information

Name: Helen Hall

Mailing Address: 2575 NW 56th Pl.

City: Ocala State: FL Zip Code: 34482

Phone Number: 352-229-4780 Alternate Phone Number: _____

Email Address: helenmhall@embargo Fax Number: _____

Ocala Electric Utility Customer Account Number: 509 708 171 952

2. RGS Facility Information

Facility Location: 2575 NW 56th Pl Ocala, FL 34482

Ocala Electric Utility Customer Account Number: 509 708 171 952

RGS Manufacturer: LG Electronics

Manufacturer's Address: 201 James Record Rd SW Huntsville, AL

Reference or Model Number: 26 LG LG355N1C-N5: 26 Enphase IQ7PLUS-72-2-US

Serial Number: _____

(Continued on Sheet No.19.1)

Issued by: Michael Poucher, P.E.
Electric Utility Director

Effective: October 1, 2019

3. Facility Rating Information

Gross Power Rating: 9.95775kW ("Gross power rating" means the total manufacturer's AC nameplate generating capacity of an on-site customer-owned renewable generation system that will be interconnected to and operate in parallel with Ocala Electric Utility's distribution facilities. For inverter-based systems, the AC nameplate generating capacity shall be calculated by multiplying the total installed DC nameplate generating capacity by 0.85 in order to account for losses during the conversion from DC to AC.)

Fuel or Energy Source: Solar

Anticipated In- Service Date: TBD

4. Application Fee

The application fee is based on the Gross Power Rating and must be submitted with this application. The non-refundable application fee is \$375 for Tier 2 and \$750 for Tier 3 installations. There is no application fee for Tier 1 installations.

5. Interconnection Study Fee

For Tier 3 installations, a deposit in the amount of the estimated costs of the study (to be determined at time of application) must be paid along with this application in addition to the application fee referenced in Article 4 above. This deposit will be applied toward the cost of an interconnection study. The customer will be responsible for the actual costs of the study. Should the actual cost of the study be less than the deposit, the difference will be refunded to the customer. Customer agrees to comply with all interconnection requirements identified in the interconnection study report.

6. Required Documentation

Prior to completion of the Interconnection Agreement, the following information must be provided to the Ocala Electric Utility by the customer.

A. Documentation demonstrating that the installation complies with (or most current version at time of inspection approval):

1. IEEE 1547 (2018) Standard for Interconnecting Distributed Resources with Electric Power Systems.
2. IEEE 1547.1 (2005) Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems.
3. UL 1741 (2010) Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources.

(Continued on Sheet No. 19.2)

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 19.1)

FIRST REVISED SHEET NO. 19.2
CANCELS ORIGINAL SHEET NO. 19.2

B. Documentation that the customer-owned renewable generation has been inspected and approved by local code officials prior to its operation in parallel with the Ocala Electric Utility system to ensure compliance with applicable local codes. OEU will also require proof of commission testing by a qualified 3rd party testing company (not affiliated in any way with the manufacturer, vendor or installation contractor), for compliance with all required and applicable codes, standards, and interconnection study requirements, prior to setting of OEU metering equipment.

C. Proof of insurance in the amount of:

Tier 1 - \$100,000.00

Tier 2 - \$1,000,000.00

Tier 3 - \$2,000,000.00

Customer

By: Helen Hall Date: 9-23-2021
(Print Name)

Helen Hall
(Signature)



Notice of Change in Policy Terms

Included with your renewal policy is a revised edition of the Special Provisions – Florida form, **Special Provisions – Florida (SJ HO 100 01 20)**, containing the following changes from previous editions:

- **Section I – Conditions**
 - **Assignment of Benefits**, has been removed
 - **E. Mediation** has been changed to **E. Mediation and Appraisal** and the language has been revised to explain the processes and requirements associated with Mediation and Appraisal
 - **G. Suits Against Us** has been changed to **G. Legal Action Against Us**
- **Section I and II – Conditions, D. Nonrenewal**
 - References to notice requirements between June 1st and November 30th have been removed
 - Number of days has been changed from one hundred (100) to one hundred twenty (120)

If you have any questions, please contact your agent or Customer Service at 800-748-2030.



IMPORTANT NOTICE TO POLICYHOLDERS

St. Johns Insurance Company is pleased to offer two new endorsements to our Homeowners Special Form (HO-3) insureds: **St. Johns Shield** and **St. Johns Shield +**. Each of these “package” endorsements provides an innovative combination of currently available coverages, along with some higher limits and broader protection than ever before offered; all at a discounted premium. The following chart illustrates the advantages afforded by **St. Johns Shield** and **St. Johns Shield +** over the basic policy coverage.

Coverage		Basic Policy	St. Johns Shield	St. Johns Shield +
Personal Property Replacement Cost		Available by Endorsement	Included	Included
Special Personal Property Coverage (Open Perils)		Not Available	Not Included	Included
Loss Assessment		\$1,000 Total Limit	\$5,000 Total Limit	\$10,000 Total Limit
Water Back-up and Sump Overflow		Available by Endorsement	Included	Included
Personal Injury		Available by Endorsement	Included	Included
Coverage C – Personal Property		50% of Dwelling Limit	75% of Dwelling Limit	75% of Dwelling Limit
Coverage C Increased Special Limits	Money	\$200	\$750	\$1,000
	Securities	\$1,000	\$2,500	\$5,000
	Watercraft/Trailers	\$1,000	\$3,000	\$5,000
	Theft of Jewelry	\$1,000	\$3,000	\$5,000
	Theft of Firearms	\$2,000	\$3,000	\$5,000
	Theft of Silverware	\$2,000	\$3,000	\$5,000
	On Premises Business Property	\$2,500	\$5,000	\$10,000
	Off Premises Business Property	\$250	\$1,000	\$1,000
Coverage D – Loss of Use		10% of Dwelling Limit	20% of Dwelling Limit	20% of Dwelling Limit
Coverage D – Loss of Use Due to Off Premises Power Stoppage*		Not Available	Included	Included
Identity Theft		Available by Endorsement	Not Included	Included
Fire Department Service Charge		\$500	\$750	\$1,000
Credit Card Forgery		\$500	\$5,000	\$10,000
Lock Replacement		Not Available	\$250	\$500
Refrigerated Property Coverage		Not Available	Not Available	\$500
Coverage E – Personal Liability		\$100,000	\$300,000	\$500,000
Coverage F – Medical Payments		\$1,000	\$5,000	\$5,000
Coverage E and Coverage F – Outboard Watercraft		25 Horsepower	50 Horsepower	50 Horsepower

Please contact your agent to find out more about **St. Johns Shield** and **St. Johns Shield +**.


ST. JOHNS
INSURANCE

 6675 Westwood Blvd., Suite 360
Orlando, FL 32821

 Customer Service: 1-800-748-2030
Claim Reporting: 1-877-748-2059

Policy Number: SJ31170076
Process Date: 02/25/2021 9:28 PM

Policy Effective Date: 04/21/2021
Policy Expiration Date: 04/21/2022 12:01 AM at property address

Named Insured and Mailing Address:

 Helen Hall
7575 NW 56th Pl
Ocala, FL 34482-2063
Phone Number: (352)229-4780
Email: HELENMHALL@EMBARQMAIL.COM

Agency: 77C5336

 Y & C Insurance Group Inc
1117 S 21st Ave Ste A
Hollywood, FL 33020

Phone Number: (954)417-4341
Email: yncinsurancegroup@gmail.com

Location(s) of Property Insured:

 7575 NW 56th Pl
Ocala, FL 34482-2063

Dear Valued Customer:

You must pay your premium before the due date to continue coverage. If not paid before this date, all coverage expires at 12:01 AM. Payments may be mailed or made online using eChecks or credit cards. To make a payment online, go to www.stjohnsinsurance.com and click the 'Make a Payment' link. All premium payments must be made in U.S. dollars and drawn on a U.S. financial institution.

Thank you for choosing our company for your insurance needs.

Total Premium Due: \$1,495.00
Due Date: 04/21/2021

Available Payment Options:

Full Pay Premium	\$1,495.00	
2 Pay Premium	\$907.80 1st installment;	\$599.20 Future installment(s)
4 Pay Premium	\$614.20 1st installment;	\$302.60 Future installment(s)

All premiums are subject to change based on coverage and/or endorsement changes.
Future installment amounts include an installment service fee.

RECEIPT OF UNCOLLECTIBLE FUNDS CONSTITUTES NONPAYMENT OF PREMIUM.

Keep the top portion of this statement for your records.

IMPORTANT: Detach and return the notice below, along with your payment, in the envelope provided.
Please be sure to include your policy number on your check.


ST. JOHNS
INSURANCE

Please send check payable to St Johns MGA in U.S. dollars and drawn on a U.S. financial institution.

Policy Number	Full Pay	2 Pay	4 Pay
SJ31170076	\$1,495.00	\$907.80	\$614.20

**Amount
Enclosed**
**Payment
Due Date**

04/21/2021

Do Not Send Cash

Please write your policy number on your check

BILL-REN 2/25/2021

 HELEN HALL
7575 NW 56TH PL
OCALA FL 34482-2063

 ST. JOHNS INSURANCE COMPANY
POLICY PROCESSING CENTER
PO BOX 1779
COLUMBIA SC 29202-1779


SJ31170076014950001495009



6675 Westwood Blvd., Suite 360
Orlando, FL 32821

Homeowners Policy Declaration Renewal

Customer Service: 1-800-748-2030
Claim Reporting: 1-877-748-2059

Policy Number: SJ31170076 **Policy Effective Date:** 04/21/2021
Process Date: 02/25/2021 9:28 PM **Policy Expiration Date:** 04/21/2022 12:01 AM at property address

Named Insured and Mailing Address:

Helen Hall
7575 NW 56th Pl
Ocala, FL 34482-2063

Agency: 77C5336

Y & C Insurance Group Inc

Address:

1117 S 21st Ave Ste A
Hollywood, FL 33020

Phone Number: (352)229-4780

Email Address: HELENMHALL@EMBARQMAIL.COM

Phone Number: (954)417-4341

Email Address: yncinsurancegroup@gmail.com

Renewal Change(s): The amount of premium increase due to approved rate increase is: **\$208.00**

The amount of premium increase due to coverage change is: **\$85.00**

Property Coverage A limit may increase at renewal due to an inflation factor of 1.08, as determined by the "ISO 360 Value" to maintain insurance to the approximate replacement cost of your home.

In return for the payment of premium, coverage is provided where premium and limit of liability are shown. Flood coverage is not provided by this policy.

Location(s) of Property Insured: 7575 NW 56th Pl
Ocala, FL 34482-2063

Property Characteristics:

Form:	HO-3	Protection Class:	03	BCEG:	99
Rating Tier:	Preferred	Construction Type:	Masonry	Occupancy:	Owner
Territory:	792 - Marion	Month/Year Built:	01/1989	Usage:	Primary
County:	0083-Marion County	Structure Type:	Dwelling	Number of Families:	1 Family
Burglar Alarm:	None	Fire Alarm:	None	Automatic Sprinklers:	None
Roof Year:	2011				

Mitigation Characteristics:

Building Code Indicator:	1994 South Florida Building Code (B)	Opening Protection:	One or more openings no WBDP (X)
Roof Cover and Attachment:	2001 FBC or roof permit 3/2002 or later (A)	Secondary Water Resistance:	SWR (A)
Roof Deck Attachment:	8d @ 12" (B)	Roof Geometry:	Other Roof (C)
Roof Wall Connection:	Clips (B)	Gable End Bracing:	

Hurricane Deductible: 2% = \$ 8,640
All Other Peril Deductible: \$2,500

Policy Premium: \$1,468.00 Fees/Assessments: \$27.00 Total Annual Premium: \$1,495.00

IN CASE OF LOSS WE COVER ONLY THAT PART OF THE LOSS OVER THE DEDUCTIBLE AMOUNT.
PLEASE SEE IMPORTANT NOTICES ON PAGE 3.

AUTHORIZED COUNTERSIGNATURE

02/25/2021
SJDEC 05 11

Insured Copy



6675 Westwood Blvd., Suite 360
Orlando, FL 32821

Homeowners Policy Declaration Renewal

Customer Service: 1-800-748-2030
Claim Reporting: 1-877-748-2059

Policy Number: SJ31170076	Policy Effective Date: 04/21/2021
Process Date: 02/25/2021 9:28 PM	Policy Expiration Date: 04/21/2022 12:01 AM at property address

Coverage	Limit	Premium
Coverage A - Dwelling	\$432,000	\$2,292.00
Coverage B - Other Structures	\$8,640	Included
Coverage C - Personal Property	\$108,000	(\$108.00)
Coverage D - Loss Of Use	\$43,200	Included
Coverage E - Personal Liability	\$300,000	\$30.00
Coverage F - Medical Payments	\$5,000	Included
Total Basic Premium:		\$2,214.00

Additional Coverages/Endorsements/Exclusions		Limit	Premium
SJ J1	08 09 - Homeowners Policy Jacket		Included
SJ PRV	08 09 - Privacy Notice		Included
SJ OC	12 11 - Outline of Coverage - Homeowners Policy		Included
SJ HO 100	01 20 - Special Provisions - Florida		Included
SJ HO 101	02 16 - Animal Liability Exclusion		Included
SJ HO 105	04 15 - Home Day Care Exclusion		Included
SJ HO 160	05 11 - Catastrophic Ground Cover Collapse		Included
SJ DO	10 05 - Deductible Options Notice		Included
HO 00 03	10 00 - Homeowners 3 - Special Form		Included
SJ HO LO	10 05 - Important Information Regard Law and Ordinance		Included
OIR-B1-1655	02 10 - Notice Premium Discount for Hurricane Loss Mitigation		Included
OIR-B1-1670	01 06 - Checklist of Coverages		Included
IL P 001	01 04 - OFAC Advisory Notice		Included
SJ HO 120	12 03 - Existing Damage Exclusion Endorsement		Included
SJ HO 04 90	05 08 - Personal Property Replacement Cost		\$185.00
SJFL HO SLE	01 17 - Service Line Enhancement	\$10,000	\$22.00
SJ HO EB	01 17 - Equipment Breakdown	\$100,000	\$50.00
HO 03 34	05 03 - Limited Fungi, Wet or Dry Rot or Bacteria Coverage Sec II Liability		Included
HO 03 51	01 06 - Calendar Year Hurricane Deductible		Included
SJ HO HE	10 11 - Screened Enclosure - Hurricane	\$7,000	\$32.00
HO 05 99	05 03 - Water Backup and Sump Discharge or Overflow	\$5,000	\$25.00
Total Endorsement Premium:			\$314.00

Discounts and Surcharges	Premium
Mitigation Credit	\$1,060.00
Total Discounts and Surcharges:	\$1,060.00



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Homeowners Policy Declaration Renewal

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Fees and Assessments	Premium
MGA Policy Fee	\$25.00
Emergency Management Trust Fund Surcharge	\$2.00
Total Fees And Assessments:	\$27.00

Hurricane Premium sub-total: \$812.00	Non-Hurricane Premium sub-total: \$656.00
Total Premium: \$1,495.00	

MORTGAGEE(S):

Name and Address: Regions Bank Isaoa
Attn: Insurance Center
PO Box 200401
Florence, SC 29502-0401

Assigned To: 7575 NW 56th Pl, Ocala, FL, 34482-2063	Interest Type: Mortgagee
Reference #:	Rank: 1
Remarks:	Payor: No

OTHER INTEREST(S):

None

NOTICES

THIS REPLACES ALL PREVIOUSLY ISSUED POLICY DECLARATIONS, IF ANY. THIS POLICY APPLIES ONLY TO ACCIDENTS, OCCURRENCES, OR LOSSES WHICH HAPPEN DURING THE POLICY PERIOD SHOWN ABOVE.

A rate adjustment of 0.0% is included to reflect building code grade in your area. Adjustments range from 2% surcharge to 14% credit.

A rate adjustment of 68% credit is included to reflect the Windstorm Mitigation Device Credit. This credit applies only to the wind portion of your premium. Adjustments range from 0% to 90% credit.

LAW AND ORDINANCE: LAW AND ORDINANCE COVERAGE IS AN IMPORTANT COVERAGE THAT YOU MAY WISH TO PURCHASE. PLEASE DISCUSS WITH YOUR INSURANCE AGENT.



6675 Westwood Blvd., Suite 360
Orlando, FL 32821

Homeowners Policy Declaration Renewal

Customer Service: 1-800-748-2030
Claim Reporting: 1-877-748-2059

Policy Number: SJ31170076	Policy Effective Date: 04/21/2021
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FLOOD INSURANCE: YOU MAY ALSO NEED TO CONSIDER THE PURCHASE OF FLOOD INSURANCE. YOUR HOMEOWNERS INSURANCE POLICY DOES NOT INCLUDE COVERAGE FOR DAMAGE RESULTING FROM FLOOD EVEN IF HURRICANE WINDS AND RAIN CAUSED THE FLOOD TO OCCUR. WITHOUT SEPARATE FLOOD INSURANCE COVERAGE, YOU MAY HAVE UNCOVERED LOSSES CAUSED BY FLOOD. PLEASE DISCUSS THE NEED TO PURCHASE SEPARATE FLOOD INSURANCE COVERAGE WITH YOUR INSURANCE AGENT.

THIS POLICY CONTAINS A SEPARATE DEDUCTIBLE FOR HURRICANE LOSSES, WHICH MAY RESULT IN HIGH OUT-OF-POCKET EXPENSES TO YOU.

YOUR POLICY PROVIDES COVERAGE FOR A CATASTROPHIC GROUND COVER COLLAPSE THAT RESULTS IN THE PROPERTY BEING CONDEMNED AND UNINHABITABLE. OTHERWISE, YOUR POLICY DOES NOT PROVIDE COVERAGE FOR SINKHOLE LOSSES. YOU MAY PURCHASE ADDITIONAL COVERAGE FOR SINKHOLE LOSSES FOR AN ADDITIONAL PREMIUM.

St. Johns Insurance Company, Inc.
Privacy Policy Notice
(as of 08/13/09)

This Privacy Policy identifies the personal information we collect and hold. It describes how we use, share and protect it. It also explains how to contact us if you have any questions regarding this Privacy Policy or the personal information collected about you. The Privacy Policy applies to personal information collected from or about former customers and current customers.

1. Information we collect

Based on our relationship with you, we collect certain personal information from and about you. The information collected is adequate, relevant and appropriate for the particular insurance product or services for which you have applied or obtained from us. For example, we may collect or verify personal information from or about you from the sources and of the type indicated below.

- **From applications, forms, your communications (including electronic communications) and other interactions** - information including, without limitation, your name, address, email address, telephone number, Social Security or other identification number, and property to be insured.
- **From your transactions with us or others, as permitted by law** - information including, without limitation, payment history, past premiums, claims history, credit history where relevant, and loss information reports.

2. How we use your information

We use personal information to provide, maintain, service and process the products and services we provide to you or which you request from us. This may include, but are not limited to, using it to (a) evaluate your insurance requests; (b) process, service and maintain policies and transactions; (c) administer and investigate claims; (d) resolve disputes; (e) prevent fraud; (f) monitor and archive communications; or (g) perform risk control, including obtaining reinsurance.

Additionally, we may use your personal information (a) in accordance with applicable law; (b) to verify your identity when you inquire regarding a product furnished by us to you; or (c) to comply with legal and regulatory requirements.

3. Information we may share with or disclose to affiliated and nonaffiliated third parties

We do not rent or sell personal information. We share or disclose personal information to affiliates and nonaffiliates to effect, administer or enforce a transaction that you requested or authorized. We also share or disclose information to affiliated and nonaffiliated third parties (a) in connection with servicing or processing an insurance product or service that you requested or authorized or maintaining or servicing your account or (b) to comply with our obligations or assert our rights as an insurer. For example, we may share or disclose personal information to these affiliated or nonaffiliated third parties to assist us in the following:

- Processing, billing or collecting premiums or amounts due to us
- Underwriting coverage
- Determining benefits
- Administering, processing, investigating or servicing claims
- Determining the coverage risk

- Investigating and preventing fraud or material misrepresentation
- Providing services required of an insurer.

In addition, these affiliated and nonaffiliated third parties help us by (a) mailing policy statements and other information for us; (b) verifying information or coverage, including identity; (c) developing, operating and maintaining our services and systems; and (d) assessing risk.

These affiliated and nonaffiliated third parties are required to (a) protect the confidentiality and security of personal information and (b) use the personal information only for the purposes for which we retain them and in accordance with this Privacy Policy.

4. Information we may share or disclose as required by law

We may also share or disclose personal information to (a) government agencies and regulatory and law enforcement authorities in accordance with federal, state and local law or (b) as otherwise required by law.

5. How we protect the confidentiality and security of personal information

We have implemented a program which includes administrative, technological and physical procedures to protect personal information. We utilize, in addition to other measures, the following:

- **People.** We educate our employees to treat personal information with care. We work to limit its access to those who need it for the purposes stated in this Privacy Notice.
- **Policies and Procedures.** We maintain, monitor, and update our physical, electronic and procedural safeguards. We comply with applicable regulations to protect personal information.
- **Security.** We take reasonable technical and organizational security measure, under the circumstances, to keep personal information confidential. We secure personal information against unauthorized or unlawful access, and to prevent loss, destruction, or damage.
- **Commitment.** We require any person or organization providing products or services on our behalf to protect personal information that is provided to them or to which they have access from or through us.

6. Changes to Privacy Policy

We reserve the right to change this Privacy Policy, at any time. We will send you a revised Privacy Policy if we materially change it. For example, should we intend to (a) provide personal information, for a purpose or use not referenced in this Privacy Policy or (b) disclose or share personal information to others for a purpose or use not referenced in this Privacy Policy, we will notify you of the change.

7. Your rights

You have the right to obtain from us the personal information we have collected regarding you and to correct such information.

8. Contact Us

If you have any questions regarding this Privacy Policy Notice, you may contact us via e-mail at info@stjohnsinsurance.com or by telephone at 866.304.7779.

Notice of Premium Discounts for Hurricane Loss Mitigation

*** Important Information ***

About Your Personal Residential Insurance Policy

Dear Homeowner,

Hurricanes have caused tens of billions of dollars in insured damages and predictions of more catastrophic hurricanes making landfall in Florida have triggered increases in insurance premiums to cover potential future losses. Enclosed is information regarding wind loss mitigation that will make your home more resistant to wind and help protect your family during a catastrophic event. In addition to reducing your hurricane wind premium by installing mitigation features, you may also reduce the likelihood of out of pocket expenses, such as your hurricane deductible, you may otherwise incur after a catastrophic event.

What factors are considered in establishing my premium?

Your location: The closer a home is to the coast, the more vulnerable it is to damage caused by hurricane winds. This makes the hurricane-wind premium higher than for similar homes in other areas of the state.

Your policy: Your insurance policy is divided into two premiums: one for damage caused by hurricane force winds (hurricane-wind) and one for all other damage (all perils), such as fire.

Your deductible: Under the law, you are allowed to choose a \$500, 2%, 5% or 10% deductible, depending on the actual value of your home. The larger your deductible, the lower your hurricane-wind premium. However, if you select a higher deductible your out-of-pocket expenses in the event of a hurricane claim will be higher.

Improvements to your home: The state requires insurance companies to offer discounts for protecting your home against damage caused by hurricane winds. Securing your roof so it doesn't blow off and protecting your windows from flying debris are the two most cost effective measures you can take to safeguard your home and reduce your hurricane –wind premium. These discounts apply only to the hurricane-wind portion of your policy.

The costs of the improvement projects vary. Homeowners should contact a licensed contractor for an estimate. You can find a Certified Contractor in your area by visiting the Florida Department of Business and Professional Regulation online at www.myfloridalicense.com.

Your maximum discount: Discounts are not calculated cumulatively. The total discount is not the sum of the individual discounts. Instead, when one discount is applied, other discounts are reduced until you reach your maximum discount of 89 %.

How can I take advantage of the discounts?

Homeowners will need a qualified inspector such as a general, building, or residential contractor licensed under Section 489.111, Florida Statutes, or a professional engineer licensed under Section 471.015, Florida Statutes, who has passed the appropriate equivalency test of the Building Code training program as required by Section 553.841, Florida Statutes, or a professional architect licensed under Section 481.213, Florida Statutes, or a building code inspector certified under Section 468.607, to inspect the home to identify potential mitigation measures and verify improvements. For a listing of individuals and/or inspection companies meeting these qualifications contact your insurance agent or insurance company.

The following is an example of how much you can reduce your insurance premium if you have mitigating features on your home. The example is based on your hurricane-wind premium* of \$1,484.00 which is part of your total annual premium of \$1,495.00. Remember, the discounts shown only apply to the hurricane-wind portion of the premium and the discounts for the construction techniques and features listed below are not cumulative.

* Wind mitigation credits apply to that portion of your premium that covers the peril of wind, whether or not a hurricane exists.

Homes built prior to the 2001 building code

Description of Feature	Estimated* Premium Discount Percent	Estimated* Annual Premium (\$) is <u>Reduced</u> by:
<u>Roof Covering (i.e., shingles or tiles)</u> <ul style="list-style-type: none">Meets the Florida Building Code.	14%	\$208.00
<ul style="list-style-type: none">Reinforced Concrete Roof Deck. (If this feature is installed on your home you most likely will not qualify for any other discount.)	55%	\$816.00
<u>How Your Roof is Attached</u> <ul style="list-style-type: none">Using a 2" nail spaced at 6" from the edge of the plywood and 12" in the field of the plywood.	0%	\$0.00
<ul style="list-style-type: none">Using a 2 1/2" nail spaced at 6" from the edge of the plywood and 12" in the field of the plywood.	6%	\$89.00
<ul style="list-style-type: none">Using a 2 1/2" nail spaced at 6" from the edge of the plywood and 6" in the field of the plywood.	6%	\$89.00

<u>Roof-to-Wall Connection</u> <ul style="list-style-type: none"> Using "Toe Nails" – defined as three nails driven at an angle through the rafter and into the top roof. Using Clips - defined as pieces of metal that are nailed into the side of the rafter/truss and into the side of the top plate or wall stud. Using Single Wraps – a single strap that is attached to the side and/or bottom of the top plate and are nailed to the rafter/truss. Using Double Wraps - straps are attached to the side and/or bottom of the top plate and are nailed to the rafter/truss. 	0% 22% 26% 26%	\$0.00 \$326.00 \$386.00 \$386.00
<u>Roof Shape</u> <ul style="list-style-type: none"> Hip Roof – defined as your roof sloping down to meet all your outside walls (like a pyramid). Other. 	43% 0%	\$638.00 \$0.00
Secondary Water Resistance (SWR) <ul style="list-style-type: none"> SWR – defined as a layer of protection between the shingles and the plywood underneath that protects the building if the shingles blow off. No SWR. 	4% 0%	\$59.00 \$0.00
<u>Shutters</u> <ul style="list-style-type: none"> None. Intermediate Type —shutters that are strong enough to meet half the old Miami-Dade building code standards. Hurricane Protection Type -- shutters that are strong enough to meet the current Miami-Dade building code standards. 	0% 0% 16%	\$0.00 \$0.00 \$237.00

* Estimate is based on information currently on file and the actual amount may vary.

Homes built under the 2001 building code or later

Description of Feature	Estimated* Premium Discount Percent	Estimated* Annual Premium (\$) is <u>Reduced</u> by:
Homes built under the 2001 Florida Building Code or later edition (also including the 1994 South Florida Building Code for homes in Miami-Dade and Broward Counties) are eligible for a minimum 68% discount on the hurricane-wind portion of your premium. You may be eligible for greater discount if other mitigation features are installed on your home.	N/A	N/A
<u>Shutters</u> <ul style="list-style-type: none"> • None. 	N/A	N/A
<ul style="list-style-type: none"> • Intermediate Type —shutters that are strong enough to meet half the old Miami-Dade building code standards. 	N/A	N/A
<ul style="list-style-type: none"> • Hurricane Protection Type -- shutters that are strong enough to meet the current Miami-Dade building code standards. 	N/A	N/A
<u>Roof Shape</u> <ul style="list-style-type: none"> • Hip Roof – defined as your roof sloping down to meet all your outside walls (like a pyramid). 	N/A	N/A
<ul style="list-style-type: none"> • Other. 	N/A	N/A

* Estimate is based on information currently on file and the actual amount may vary.

Alternately and regardless of the year of construction, if you meet the minimum fixture and construction requirements of the 2001 Florida Building Code you have the option to reduce your hurricane-wind deductible from 2% to \$500.

If you have further questions about the construction techniques and features or other construction techniques and features that could result in a discount, please contact your insurance agent or the insurance company at (800)748-2030.

Checklist of Coverage

Policy Type: Homeowners

(Indicate: Homeowner's, Condominium Unit Owner's, Tenant's, Dwelling, or Mobile Home Owner's)

The following checklist is for informational purposes only. Florida law prohibits this checklist from changing any of the provisions of the insurance contract which is the subject of this checklist. Any endorsement regarding changes in types of coverage, exclusions, limitations, reductions, deductibles, coinsurance, renewal provisions, cancellation provisions, surcharges, or credits will be sent separately.

Reviewing this checklist together with your policy can help you gain a better understanding of your policy's actual coverages and limitations, and may even generate questions. By addressing any questions now, you will be more prepared later in the event of a claim. Experience has shown that many questions tend to arise regarding the coverage of attached or detached screened pool enclosures, screened porches, and other types of enclosures. Likewise, if your policy insures a condominium unit, questions may arise regarding the coverage of certain items, such as individual heating and air conditioning units; individual water heaters; floor, wall, and ceiling coverings; built-in cabinets and counter tops; appliances; window treatments and hardware; and electrical fixtures. A clear understanding of your policy's coverages and limitations will reduce confusion that may arise during claims settlement.

Please refer to the policy for details and any exceptions to the coverages listed in this checklist. All coverages are subject to the provisions and conditions of the policy and any endorsements. If you have questions regarding your policy, please contact your agent or company. Consumer assistance is available from the Department of Financial Services, Division of Consumer Services' Helpline at (800) 342-2762 or www.fldfs.com.

This form was adopted by the Florida Financial Services Commission.

Dwelling Structure Coverage (Place of Residence)	
Limit of Insurance: \$ <u>432,000</u>	Loss Settlement Basis: <u>Replacement Cost</u> (i.e.: Replacement Cost, Actual Cash Value, Stated Value, etc.)
Other Structures Coverage (Detached from Dwelling)	
Limit of Insurance: \$ <u>8,640</u>	Loss Settlement Basis: <u>Replacement Cost</u> (i.e.: Replacement Cost, Actual Cash Value, Stated Value, etc.)
Personal Property Coverage	
Limit of Insurance: \$ <u>108,000</u>	Loss Settlement Basis: <u>Replacement Cost</u> (i.e.: Replacement Cost, Actual Cash Value, Stated Value, etc.)
Deductibles	
Annual Hurricane: <u>2% = \$8,640</u>	All Perils (Other Than Hurricane): <u>\$2,500</u>

Checklist of Coverage (continued)

The above Limit of Insurance, Deductibles, and Loss Settlement Basis apply to the following perils insured against:
(Items below marked **Y (Yes)** indicate coverage IS included, those marked **N (No)** indicate coverage is NOT included)

Y	Fire or Lightning
Y	Hurricane
N	Flood (Including storm surge)
Y	Windstorm or Hail (other than hurricane)
Y	Explosion
Y	Riot or Civil Commotion
Y	Aircraft
Y	Vehicles
Y	Smoke
Y	Vandalism or Malicious Mischief
Y	Theft
Y	Falling Objects
Y	Weight of Ice, Snow or Sleet
Y	Accidental Discharge or Overflow of Water or Steam
Y	Sudden and Accidental Tearing Apart, Cracking, Burning or Bulging
Y	Freezing
Y	Sudden and Accidental Damage from Artificially Generated Electrical Current
Y	Volcanic Eruption
N	Sinkhole
Y	Any Other Peril Not Specifically Excluded (dwelling and other structures only)

Special limits and loss settlement exceptions may apply to certain items. Refer to your policy for details.

Loss of Use Coverage

Coverage	Limit of Insurance	Time Limit
(Items below marked Y (Yes) indicate coverage IS included, those marked N (No) indicate coverage is NOT included)		
Y Additional Living Expense	\$43,200	24 Months
Y Fair Rental Value	\$43,200	12 Months
Y Civil Authority Prohibits Use	\$43,200	2 Weeks

Property - Additional/Other Coverages

(Items below marked Y (Yes) indicate coverage IS included, those marked N (No) indicate coverage is NOT included)	Limit of Insurance	Amount of insurance is an additional amount of coverage or is included within the policy limit.	
		Included	Additional
Y Debris Removal	\$21,600		X
Y Reasonable Repairs		X	
Y Property Removed	\$500		
Y Credit Card, Electronic Fund Transfer Card, or Access Device, Forgery and Counterfeit Money	\$500		X
Y Loss Assessment	\$1,000		X
Y Collapse	\$432,000	X	
Y Glass or Safety Glazing Material	\$432,000	X	
Y Landlord's Furnishings	\$2,500	X	
Y Law and Ordinance	\$108,000	X	
N Grave Markers			
Y Mold / Fungi	\$10,000	X	

Checklist of Coverage (continued)

Discounts	
(Items below marked Y (Yes) indicate discount IS applied, those marked N (No) indicate discount is NOT applied)	Dollar (\$) Amount of Discount
N Multiple Policy	
N Fire Alarm / Smoke Alarm / Burglar Alarm	
N Sprinkler	
Y Windstorm Loss Reduction	\$1,060.00 CR
N Building Code Effectiveness Grading Schedule	
Y Other	\$45.95 CR

Insurer May Insert Any Other Property Coverage Below		
(Items below marked Y (Yes) indicate coverage IS included, those marked N (No) indicate coverage is NOT included)	Limit of Insurance	Loss Settlement Basis: (i.e.: Replacement Cost, Actual Cash Value, Stated Value, etc.)

Personal Liability Coverage	
Limit of Insurance: \$	300,000
Medical Payments to Others Coverage	
Limit of Insurance: \$	5,000

Liability - Additional/Other Coverages			
(Items below marked Y (Yes) indicate coverage IS included, those marked N (No) indicate coverage is NOT included)	Limit of Insurance	Amount of insurance is an additional amount of coverage or is included within the policy limit.	
		Included	Additional
Y Claim Expenses			X
Y First Aid Expenses			X
Y Damage to Property of Others	\$500		X
Y Loss Assessment	\$1,000		X

Insurer May Insert Any Other Liability Coverage Below	
(Items below marked Y (Yes) indicate coverage IS included, those marked N (No) indicate coverage is NOT included)	Limit of Insurance

Tri-Party Net-Metering Power Purchase Agreement

This Tri-Party Net-Metering Power Purchase Agreement (this "Agreement") is entered into this 18 day of October, 2021, by and between the Florida Municipal Power Agency, a governmental joint action agency created and existing under the laws of the State of Florida (hereinafter "FMPA"), the City of Ocala doing business as Ocala Electric Utility, a body politic (hereinafter "OEU"), and Helen Hall, a retail electric customer of OEU (hereinafter "Customer").

Section 1. Recitals

1.01. OEU and Customer have executed OEU's Standard Interconnection Agreement for a Customer-Owned Renewable Generation System (RGS) pursuant to which OEU has agreed to permit interconnection of Customer's renewable generation to OEU's electric system at Customer's presently-metered location, and Customer has agreed to deliver excess electric energy generated by Customer's Renewable Generation System to OEU's electric distribution system;

1.02. The City of Ocala and FMPA have entered into the All-Requirements Power Supply Contract, dated as of May 1, 1986, (hereinafter the "ARP Contract") pursuant to which the City of Ocala has agreed to purchase and receive, and FMPA has agreed to sell and supply OEU with all energy and capacity necessary to operate the OEU electric system, which limits OEU's ability to directly purchase excess energy from customer-owned renewable generation.

1.03. In order to promote the development of small customer-owned renewable generation by permitting OEU to allow its customers to interconnect with OEU's electric system and to allow OEU's electric customers to offset their electric consumption with customer-owned renewable generation, FMPA, in accordance with the terms and conditions of this agreement, has agreed to purchase excess customer-owned generation from OEU's electric customers interconnected to OEU's electric system.

NOW THEREFORE, for and in consideration of the mutual covenants and agreements set forth herein, the Parties covenant and agree as follows:

Section 2. Interconnection

2.01. Customer shall not begin parallel operations with the OEU electric distribution system until Customer has executed OEU's electric Standard Interconnection Agreement for Small Customer-Owned Renewable Generation and is in compliance with all terms and conditions

OEU requires that the customer install and operate the RGS in accordance with all applicable safety codes and standards. OEU shall establish and enforce terms and conditions of operation and disconnection of all interconnected customer-owned renewable generation as it relates to the effect of the RGS on OEU's electric distribution system.

(Continued on Sheet No. 20.1)

Section 3. Metering

3.01 In accordance with the OEU's Standard Interconnection Agreement for Customer-Owned Renewable Generation, OEU shall install metering equipment at the point of delivery capable of recording two separate kWh meter readings: (1) the flow of electricity from OEU to the Customer (Delivered), and (2) the flow of excess electricity from the Customer to OEU. OEU shall take meter readings on the same cycle as the otherwise applicable rate schedule.

Section 4. Purchase of Excess Customer-Owned Renewable Generation

4.01. Customer-owned renewable generation shall be first used for Customer's own load and shall offset Customer's demand for OEU's electricity. All electric power and energy delivered by OEU to Customer shall be received and paid for by Customer to OEU (Received) pursuant to the terms, conditions and rates of the OEU otherwise applicable rate schedule.

4.02. Excess customer-owned renewable generation shall be delivered to the OEU Electric distribution system. For purposes of this Agreement, the term "excess customer-owned renewable generation" means any kWh of electrical energy produced by the customer-owned renewable generation system that is not consumed by Customer and is delivered to the OEU electric distribution system. FMPA agrees to purchase and receive, and Customer agrees to sell and deliver, all excess customer-owned renewable generation at the energy rate established by FMPA, which shall be calculated in accordance with Schedule A. Excess customer-owned renewable generation shall be purchased in the form of a credit on Customer's monthly energy consumption bill from OEU.

4.03. In the event that a given monthly credit for excess customer-owned renewable generation exceeds the total billed amount for Customer's consumption in any corresponding month, then the excess credit shall be applied to the subsequent month's bill. Excess energy credits produced pursuant to the preceding sentence shall accumulate and be used to offset Customer's energy consumption bill for a period of not more than twelve (12) months. At the end of each calendar year, any unused excess energy credits shall be paid by OEU to the Customer in accordance with the OEU Electric Net-Metering Service Rate Schedule.

(Continued on Sheet No. 20.2)

4.04. FMPA and OEU shall not be required to purchase or receive excess customer-owned renewable generation, and may require Customer to interrupt or reduce production of customer-owned renewable generation, (a) when necessary in order to construct, install, maintain, repair, replace, remove, investigate, or inspect any OEU equipment or part of OEU's system; or (b) if either FMPA or OEU determine, in their sole judgment, that curtailment, interruption, or reduction is necessary because of emergencies, forced outages, force majeure, or compliance with any applicable electric code or standard.

4.05. Customer acknowledges that its provision of electricity to OEU hereunder is on a first-offered, first-accepted basis and subject to diminution and/or rejection in the event the total amount of electricity delivered to OEU pursuant to the Net-Metering Service Rate Schedule (as filed with the Florida Public Service Commission), from all participating OEU customers, exceeds two and one-half percent (2.5%) of the aggregate customer peak demand on the OEU electric system.

Section 5. Renewable Energy Credits

5.01. Customer shall offer FMPA a first right of refusal before selling or granting to any third party the right to the Green Attributes associated with its customer-owned renewable generation that is interconnected to OEU electric distribution system. The term "Green Attributes" shall include any and all credits, certificates, benefits, environmental attributes, emissions reductions, offsets, and allowances, however entitled, attributable to the generation of electricity from the customer-owned-renewable generation and its displacement of conventional energy generation.

5.02. Any additional meter(s) installed to measure total renewable electricity generated by the Customer for the purposes of measuring Green Attributes, including and renewable energy certificates (or similarly titled credits for renewable energy generated), shall be installed at the expense of the Customer, unless determined otherwise during negotiations for the sale of the Customer's credits to FMPA.

Section 6. Term and Termination

6.01. This Agreement shall become effective upon execution by all Parties, and shall remain in effect thereafter on a month-to-month basis until terminated by any Party upon thirty (30) days written notice to all other Parties.

6.02. This Agreement shall terminate immediately and without notice upon: (a) termination of the electric distribution service by OEU or (b) failure by Customer to comply with any of the terms and conditions of this Agreement or OEU's Standard Interconnection Agreement for Customer-Owned Renewable Generation.

(Continued on Sheet No. 20.3)

Section 7. Miscellaneous Provisions

7.01. Assignment. It is understood and agreed that no party may transfer, sell, mortgage, pledge, hypothecate, convey, designate, or otherwise assign this Agreement, or any interest herein or any rights or obligations hereunder, in whole or in part, either voluntarily or by operation of law, (including, without limitation, by merger, consolidation, or otherwise), without the express written consent of the other parties (and any such attempt shall be void), which consent shall not be unreasonably withheld. Subject to the foregoing, this Agreement shall inure to the benefit of and be binding upon the parties and their respective successors and permitted assigns.

7.02. Amendment. It is understood and agreed that FMPA and OEU reserve the right, on no less than an annual basis, to change any of the terms and conditions, including pricing, in this Agreement on sixty (60) days advance written notice. FMPA and OEU may make such changes on an immediate basis in the event any applicable law, rule, regulation or court order requires them. In such event, FMPA and OEU will give Customer as much notice as reasonably possible under the circumstances.

7.03. Indemnification. To the fullest extent permitted by laws and regulations, and in return for adequate, separate consideration, Customer shall defend, indemnify, and hold harmless FMPA and OEU, their officers, directors, agents, guests, invitees, and employees from and against all claims, damages, losses to persons or property, whether direct, indirect, or consequential (including but not limited to fees and charges of attorneys, and other professionals and court and arbitration costs) arising out of, resulting from, occasioned by, or otherwise caused by the operation or misoperation of the customer-owned renewable generation, or the acts or omissions of any other person or organization directly or indirectly employed by the Customer to install, furnish, repair, replace or maintain the customer-owned renewable generation system, or anyone for whose acts any of them may be liable.

7.04. Governing Law. The validity and interpretation of this Agreement and the rights and obligations of the parties shall be governed and construed in accordance with the laws of the State of Florida without regard for any conflicts of law provisions that might cause the law of other jurisdictions to apply. All controversies, claims, or disputes arising out of or related to this Agreement or any agreement, instrument, or document contemplated hereby, shall be brought exclusively in the County or Circuit Court for Marion County, Florida, or the United States District Court sitting in Marion County, Florida, as appropriate.

(Continued on Sheet No. 20.4)

Issued by: Michael Poucher, P.E.
Electric Utility Director

Effective: October 1, 2019

7.05. Enforcement of Agreement. In the event that either party is required to enforce this Agreement by court proceedings or otherwise, the prevailing party shall be entitled to recover all fees and costs incurred, including reasonable attorney's fees and costs for trial, alternative dispute resolution, and/or appellate proceedings.

7.06. Severability. To the extent any provision of this Agreement is prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provision or the remaining provisions of this Agreement.

7.07. Third Party Beneficiaries and Sovereign Immunity. This Agreement is solely for the benefit of FMPA, OEU, and Customer and no right nor shall any cause of action accrue upon or by reason, to or for the benefit of any third party not a formal party to this Agreement. Nothing in this Agreement, expressed or implied, is intended or shall be construed to confer upon any person or corporation other than FMPA, OEU, or Customer, any right, remedy, or claim under or by reason of this Agreement or any of the provisions or conditions of this Agreement; and, all provisions, representations, covenants, and conditions contained in this Agreement shall inure to the sole benefit of and be binding upon FMPA, OEU, and Customer and their respective representatives, successors, and assigns. Further, no term or condition contained in this Agreement shall be construed in any way as a waiver by either FMPA or OEU of the sovereign immunity applicable to either or both of them as established by Florida Statutes, 768.28.

(Continued on Sheet No. 20.5)

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 20.4)

FIRST REVISED SHEET NO. 20.5
CANCELS ORIGINAL SHEET NO. 20.5

IN WITNESS WHEREOF, Customer and OEU have executed this Agreement the day and year first above written.

City of Ocala Electric Utility

Florida Municipal Power Agency

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

Customer

By: Helen Hall
(Print Name)

Date: 9-23-2021

Helen Hall
(Signature)

Customer's City of Ocala Electric Utility Account Number: 509 708 171 952

Approved as to form and legality:

Robert W. Batsel, Jr.
Assistant City Attorney

(Continued on Sheet No. 20.6)

Issued by: Michael Poucher, P.E.
Electric Utility Director

Effective: October 1, 2019

**Tri-Party Net-Metering Power Purchase Agreement
Schedule A**

I. All-Requirements Project Calculation of Excess Customer-Owned Renewable Generation Credit

- a) FMPPA shall pay OEU for the excess kWh energy delivered by customer-owned renewable generation to OEU's electric system. Every month, OEU shall determine the total kWh of customer-owned renewable generation that is delivered to OEU's electric system, and shall send the information to FMPPA as soon as it becomes available, but no later than the second working day of every month. FMPPA will then provide a monthly payment to OEU in the form of a credit on the ARP power bill for the excess energy delivered to the distribution grid. The ARP Renewable Generation Credit will be calculated as follows:

ARP Renewable Generation Credit = Quarterly Energy Rate * Monthly kWh of excess customer-owned renewable generation

Quarterly Energy Rate = 3 month average of ARP energy rate. FMPPA will update the Quarterly Energy Rate every April 1, July 1, October 1 and January 1.

- b) As part of the monthly bill adjustment, FMPPA will also increase OEU's kWh billing amount by the same kWh amount as the customer-owned renewable generation purchased by FMPPA. This adjustment is necessary because excess customer generation that flows onto OEU's electric system has been purchased by FMPPA, but will remain on OEU's electric system and be used by OEU to meet its other customers' electric needs. As a result, OEU's monthly ARP bill will be adjusted accordingly to reflect FMPPA's subsequent sale of this energy to OEU.

II. Payment for Unused Excess Energy Credits

- a) Monthly excess energy credits shall accumulate and be used to offset the Customer's following month energy consumption bill for a period of not more than twelve (12) months.
- b) At the end of each calendar year, OEU shall pay the Customer for any unused excess energy credits in accordance with the OEU Electric Net-Metering Service Rate Schedule.

Ocala Electric Utility
Ocala, Florida

FIRST REVISED SHEET NO. 21.0
CANCELS ORIGINAL SHEET NO. 21.0

**Tier 1 – Standard Interconnection Agreement
Customer-Owned Renewable Generation System**

This Agreement is made and entered into this 18 day of October, 2021, by and between Helen Hall, (hereinafter called "Customer"), located at 7575 NW 56th Pl in Ocala, Florida, and the City of Ocala doing business as Ocala Electric Utility (hereinafter called OEU), a body politic. Customer and OEU shall collectively be called the "Parties". The physical location/premise where the interconnection is taking place: 7575 NW 56th Pl, Ocala, FL 34482.

WITNESSETH

Whereas, a Tier 1 Renewable Generation System (RGS) is an electric generating system that uses one or more of the following fuels or energy sources: hydrogen, biomass, solar energy, geothermal energy, wind energy, ocean energy, waste heat, or hydroelectric power as defined in Section 377.803, Florida Statutes, rated at no more than ten (10) kilowatts (10 kW) alternating current (AC) power output and is primarily intended to offset part or all of the Customer's current electric requirements; and

Whereas, OEU operates an electric system serving the City of Ocala; and

Whereas, Customer has made a written Application to OEU, a copy being attached hereto, to interconnect its RGS with OEU's electrical supply grid at the location identified above; and

Whereas, the City of Ocala and the Florida Municipal Power Agency (hereinafter called "FMPA") have entered into the All-Requirements Power Supply Contract pursuant to which the City of Ocala has agreed to purchase and receive, and FMPA has agreed to sell and supply OEU with all energy and capacity necessary to operate the OEU electric system, which limits OEU's ability to directly purchase excess energy from customer-owned renewable generation; and

Whereas, in order to promote the development of small customer-owned renewable generation by permitting OEU to allow its customers to interconnect with OEU's electric system and to allow OEU customers to offset their electric consumption with customer-owned renewable generation, FMPA, in accordance with the terms and conditions of this agreement, has agreed to purchase excess customer-owned generation from OEU customers interconnected to OEU's electric system; and

Whereas, the OEU desires to provide interconnection of a RGS under conditions which will insure the safety of OEU customers and employees, reliability and integrity of its distribution system;

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

(Continued on Sheet No. 21.1)

Issued by: Michael Poucher, P.E.
Electric Utility Director

Effective: October 1, 2019

1. The Customer shall be required to enter into a Tri-Party Net-Metering Purchase Power Agreement with FMPA and the City of Ocala Electric Utility (OEU).
2. "Gross power rating" (GPR) means the total manufacturer's AC nameplate generating capacity of an on-site customer-owned renewable generation system that will be interconnected to and operate in parallel with OEU's distribution facilities. For inverter-based systems, the GPR shall be calculated by multiplying the total installed DC nameplate generating capacity by 0.85 in order to account for losses during the conversion from DC to AC.
3. This agreement is strictly limited to cover a Tier 1 RGS as defined above. It is the Customer's responsibility to notify OEU of any change to the GPR of the RGS by submitting a new application for interconnection specifying the modifications at least 30 days prior to making the modifications. Increase in GPR above the ten kilowatt (10 kW) limit would necessitate entering into a new agreement at either Tier 2 or Tier 3 which may impose additional requirements on the Customer. In no case does the Tier 1, Tier 2 or Tier 3 agreement cover increases in GPR above two megawatts (2MW).
4. The RGS GPR must not exceed 90 percent (90%) of the Customer's OEU calculated distribution service rating at the Customer's location (including shared electric facilities). If the GPR does exceed the 90 percent (90%) limit, the Customer shall be responsible to pay the cost of upgrades to the distribution facilities required to accommodate the GPR capacity and ensure the 90 percent (90%) threshold is not breached. OEU will not allow a RGS GPR greater than required to offset the customer's annual kWh energy consumption (based on customer's historical consumption data or by means of estimated usage of similar type of service as determined by OEU).
5. The Customer shall not be required to pay any special fees due solely to the installation of the RGS.
6. The Customer shall fully comply with OEU's Design Standards following NEC standards as those documents may be amended or revised by OUS from time to time.
7. The Customer certifies that its installation, its operation and its maintenance shall be in compliance with the following standards (or most current version at time of inspection approval):
 - a. IEEE-1547 (2018) Standard for Interconnecting Distributed Resources with Electric Power System;
 - b. IEEE-1547.1 (2005) Standard Conformance Test Procedures for Equipment Interconnection Distributed Resources with Electric Power Systems;
 - c. UL-1741 (2010) Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed *Energy Resources*.
 - d. The National Electric Code, state and/or local building codes, mechanical codes and/or electrical codes;
 - e. The manufacturer's installation, operation and maintenance instructions.

(Continued to Sheet No. 21.2)

8. The Customer is not precluded from contracting for the lease, operation or maintenance of the RGS with a third party. Such lease may not provide terms or conditions that provide for any payments under the agreement to any way indicate or reflect the purchase of energy produced by the RGS. Customer shall not enter into any lease agreement that results in the retail purchase of electricity; or the retail sale of electricity from the customer-owned renewable generation. Notwithstanding this restriction, in the event that Customer is determined to have engaged in the retail purchase of electricity from a party other than OEU, then Customer shall be in breach of this Agreement and may be subject to the jurisdiction of the Florida Public Service Commission and to fines/penalties.

9. The Customer shall provide a copy of the manufacturer's installation, operation and maintenance instructions to OEU. If the RGS is leased to the Customer by a third party, or if the operation or maintenance of the RGS is to be performed by a third party, the lease and/or maintenance agreements and any pertinent documents related to these agreements shall be provided to OEU.

10. Prior to commencing parallel operation with OEU's electric system, Customer shall have the RGS inspected and approved by the appropriate code authorities having jurisdiction. Customer shall provide a copy of this inspection and approval to OEU.

11. The Customer agrees to permit OEU, if it should so choose, to inspect the RGS and its component equipment and the documents necessary to ensure compliance with this Agreement both before and after the RGS goes into service and to witness the initial testing of the RGS equipment and protective apparatus. OEU will provide Customer with as much notice as reasonably possible, either in writing, email, facsimile or by phone as to when OEU may conduct inspections and or document review. Upon reasonable notice, or at any time without notice in the event of an emergency or hazardous condition, Customer agrees to provide OEU access to the Customer's premises for any purpose in connection with the performance of the obligations required by this Agreement or, if necessary, to meet OEU's legal obligation to provide service to its customers. At least ten (10) business days prior to initially placing the customer-owned renewable generation system in service, Customer shall provide written notification to OEU advising of the date and time at which Customer intends to place the system in service, and OEU shall have the right to have personnel present on the in-service date in order to ensure compliance with the requirements of this Agreement.

(Continued on Sheet No. 21.3)

12. The Customer's RGS must have an appropriately sized grid-tie inverter system that includes applicable protective systems. Customer certifies that the RGS equipment includes an OEU interactive inverter or interconnection system equipment that ceases to interconnect with the OEU system upon a loss of OEU's electric power. The inverter shall be considered certified for interconnected operation if it has been submitted by a manufacturer to a nationally recognized testing laboratory (NRTL) to comply with UL 1741. The NRTL shall be approved by the Occupational Safety & Health Administration (OSHA).

13. If Customer adds another RGS that (i) utilizes the same OEU interactive inverter for both systems, or (ii) utilizes a separate OEU interactive inverter for each system, Customer shall provide OEU with sixty (60) days advance written notice of the addition.

14. The Customer shall not energize the OEU system when OEU's system is deenergized. The Customer shall cease to energize the OEU system during a faulted condition on the OEU system and/or upon any notice from OEU that the deenergizing of Customer's RGS equipment is necessary. The Customer shall cease to energize the OEU system prior to automatic or non-automatic reclosing of OEU's protective devices. There shall be no intentional islanding, as described in IEEE 1547, between the Customer's and OEU' systems.

15. The Customer is responsible for the protection of its generation equipment, inverters, protection devices, and other system components from damage from the normal and abnormal operations that occur on OEU system in delivering and restoring system power. Customer agrees that any damage to any of its property, including, without limitation, all components and related accessories of its RGS system, due to the normal or abnormal operation of OEU system, is at Customer's sole risk and expense. Customer is also responsible for ensuring that the customer-owned renewable generation equipment is inspected, maintained, and tested regularly in accordance with the manufacturer's instructions to ensure that it is operating correctly and safely.

16. The Customer must install, at their expense, a manual disconnect switch of the visible load break type to provide a separation point between the AC power output of the customer-owned renewable generation system and any Customer wiring connected to OEU's system, such that back feed from the customer-owned renewable generation system to OEU's system cannot occur when the switch is in the open position. The manual disconnect switch shall be mounted separate from the meter socket on an exterior surface adjacent to the meter. The switch shall be readily accessible to OEU and capable of being locked in the open position with an OEU padlock. When locked and tagged in the open position by OEU, this switch will be under the control of OEU.

(Continued on Sheet No. 21.4)

17. Subject to an approved inspection, including installation of acceptable disconnect switch, this Agreement shall be executed by OEU within thirty (30) calendar days of receipt of a completed application. Customer must execute this Agreement and return it to OEU at least thirty (30) calendar days prior to beginning parallel operations with OEU's electric system, subject to the requirements of Section 18, below, and within one (1) year after OEU executes this Agreement.

18. Once OEU has received Customer's written documentation that the requirements of this Agreement have been met, all agreements and documentation have been received and the correct operation of the manual switch has been demonstrated to an OEU representative, OEU will, within fifteen (15) business days, send written notice that parallel operation of the RGS may commence.

19. OEU requires the Customer to maintain general liability insurance for personal injury and property damage in the amount of not less than one hundred thousand dollars (\$100,000.00).

20. OEU will furnish, install, own and maintain metering equipment capable of measuring the flow of kilowatt-hours (kWh) of energy. The Customer's service associated with the RGS will be metered to measure the energy delivered by OEU to Customer, and measure the energy delivered by Customer to OEU. Customer agrees to provide safe and reasonable access to the premises for installation, maintenance and reading of the metering and related equipment. The Customer shall not be responsible for the cost of the installation and maintenance of the metering equipment necessary to measure the energy delivered by the Customer to OEU.

21. The Customer shall be solely responsible for all legal and financial obligations arising from the design, construction, installation, operation, maintenance and ownership of the RGS.

22. The Customer must obtain all permits, inspections and approvals required by applicable jurisdictions with respect to the generating system and must use a licensed, bonded and insured contractor to design and install the generating system. The Customer agrees to provide OEU with a copy of the local building code official inspection and certification of installation. The certification shall reflect that the local code official has inspected and certified that the installation was permitted, has been approved, and has met all electrical and mechanical qualifications.

(Continued on Sheet No. 21.5)

23. In no event shall any statement, representation, or lack thereof, either express or implied, by OEU, relieve the Customer of exclusive responsibility for the Customer's system. Specifically, any OEU inspection of the RGS shall not be construed as confirming or endorsing the system design or its operating or maintenance procedures or as a warranty or guarantee as to the safety, reliability, or durability of the RGS. OEU's inspection, acceptance, or its failure to inspect shall not be deemed an endorsement of any RGS equipment or procedure. Further, as set forth in Sections 15 and 26 of this Agreement, Customer shall remain solely responsible for any and all losses, claims, damages and/or expenses related in any way to the operation or misoperation of its RGS equipment.

24. Notwithstanding any other provision of this Interconnection Agreement, OEU, at its sole and absolute discretion, may isolate the Customer's system from the distribution grid by whatever means necessary, without prior notice to the Customer. To the extent practical, however, prior notice shall be given. The system will be reconnected as soon as practical once the conditions causing the disconnection cease to exist. OEU shall have no obligation to compensate the Customer for any loss of energy during any and all periods when Customer's RGS is operating at reduced capacity or is disconnected from OEU's electrical distribution system pursuant to this Interconnection Agreement. Typical conditions which may require the disconnection of the Customer's system include, but are not limited to, the following:

- a. OEU system emergencies, forced outages, uncontrollable forces or compliance with prudent electric OEU practice.
- b. When necessary to investigate, inspect, construct, install, maintain, repair, replace or remove any OEU equipment, any part of OEU's electrical distribution system or Customer's generating system.
- c. Hazardous conditions existing on OEU's system due to the operation of the Customer's generation or protective equipment as determined by OEU.
- d. Adverse electrical affects (such as power quality problems) on the electrical equipment of OEU's other electric consumers caused by the Customer's generation as determined by OEU.
- e. When Customer is in breach of any of its obligations under this Interconnection Agreement or any other applicable policies and procedures of OEU.
- f. When the Customer fails to make any payments due to OEU by the due date thereof.

25. Upon termination of services pursuant to this Agreement, OEU shall open and padlock the manual disconnect switch and remove any additional metering equipment related to this Agreement. At the Customer's expense, within thirty (30) working days following the termination, the Customer shall permanently isolate the RGS and any associated equipment from OEU's electric supply system, notify OEU that the isolation is complete, and coordinate with OEU for return of OEU's lock.

(Continued to Sheet No. 21.6)

26. To the fullest extent permitted by law, and in return for adequate, separate consideration, Customer shall indemnify, defend and hold harmless OEU, any and all of their members of its governing bodies, and its officers, agents, and employees for, from and against any and all claims, demands, suits, costs of defense, attorneys fees, witness fees of any type, losses, damages, expenses, and liabilities, whether direct, indirect or consequential, related to, arising from, or in any way connected with:

- a. Customer's design, construction, installation, inspection, maintenance, testing or operation of Customer's generating system or equipment used in connection with this Interconnection Agreement, irrespective of any fault on the part of OEU.
- b. The interconnection of Customer's generating system with, and delivery of energy from the generating system to, OEU's electrical distribution system, irrespective of any fault on the part of OEU.
- c. The performance or nonperformance of Customer's obligations under this Interconnection Agreement or the obligations of any and all of the members of Customer's governing bodies and its officers, agents, contractors (and any subcontractor or material supplier thereof) and employees.

Customer's obligations under this Section shall survive the termination of this Interconnection Agreement.

27. Customer shall not have the right to assign its benefits or obligations under this Agreement without OEU's prior written consent and such consent shall not be unreasonably withheld. If there is a change in ownership of the RGS, Customer shall provide written notice to OEU at least thirty (30) days prior to the change in ownership. The new owner will be required to assume, in writing, the Customer's rights and duties under this Agreement, or execute a new Standard Interconnection Agreement. The new owner shall not be permitted to net meter or begin parallel operations until the new owner assumes this Agreement or executes a new Agreement.

28. This Agreement supersedes all previous agreements and representations either written or verbal heretofore made between OEU and Customer with respect to matters herein contained. This Agreement, when duly executed, constitutes the only Agreement between parties hereto relative to the matters herein described. This Agreement shall continue in effect from year to year until either party gives sixty (60) days' notice of its intent to terminate this Agreement.

(Continued on Sheet No. 21.7)

29. This Agreement shall be governed by and construed and enforced in accordance with the laws, rules and regulations of the State of Florida and OEU's tariff as it may be modified, changed, or amended from time to time, including any amendments modification or changes to OEU's Net-Metering Service Rate Schedule, the schedule applicable to this Agreement. The Customer and OEU agree that any action, suit, or proceeding arising out of or relating to this Interconnection Agreement shall be initiated and prosecuted in the state court of competent jurisdiction located in Marion County, Florida, and OEU and the Customer irrevocably submit to the jurisdiction and venue of such court. To the fullest extent permitted by law, each Party hereby irrevocably waives any and all rights to a trial by jury and covenants and agrees that it will not request a trial by jury with respect to any legal proceeding arising out of or relating to this Interconnection Agreement.

None of the provisions of this Interconnection Agreement shall be considered waived by either Party except when such waiver is given in writing. No waiver by either Party of any one or more defaults in the performance of the provisions of this Interconnection Agreement shall operate or be construed as a waiver of any other existing or future default or defaults. If any one or more of the provisions of this Interconnection Agreement or the applicability of any provision to a specific situation is held invalid or unenforceable, the provision shall be modified to the minimum extent necessary to make it or its application valid and enforceable, and the validity and enforceability of all other provisions of this Interconnection Agreement and all other applications of such provisions shall not be affected by any such invalidity or unenforceability. This Interconnection Agreement does not govern the terms and conditions for the delivery of power and energy to non-generating retail customers of OEU's electrical distribution system.

30. This Agreement incorporates by reference the terms of the tariff filed with the Florida Public Service Commission by OEU, including OEU's Net-Metering Service Rate Schedule, and associated technical terms and abbreviations, general rules and regulations and standard electric service requirements (as may be applicable) are incorporated by reference, as amended from time to time. To the extent of any conflict between this Agreement and such tariff, the tariff shall control.

31. OEU and Customer recognize that the Florida Statutes and/or the Florida Public Service Commission Rules, including those directly addressing the subject of this Agreement, may be amended from time to time. In the event that such statutes and/or rules are amended that affect the terms and conditions of this Agreement, OEU and Customer agree to supersede and replace this Agreement with a new Interconnection Agreement, which complies with the amended statutes/rules.

(Continued on Sheet No. 21.8)

Ocala Electric Utility
Ocala, Florida
(Continued from Sheet No. 21.7)

FIRST REVISED SHEET NO. 21.8
CANCELS ORIGINAL SHEET NO. 21.8

32. Customer acknowledges that its provision of electricity to OEU hereunder is on a first-offered, first-accepted basis and subject to diminution and/or rejection in the event the total amount of electricity delivered to OEU pursuant to the OEU's Net-Metering Service Rate Schedule, (as filed with the Florida Public Service Commission), from all participating OEU customers, exceeds two and one-half percent (2.5%) of the aggregate customer peak demand on the OEU system.

33. This Agreement is solely for the benefit of OEU and Customer and no right nor any cause of action shall accrue upon or by reason, to or for the benefit of any third party not a formal party to this Agreement. Nothing in this Agreement, expressed or implied, is intended or shall be construed to confer upon any person or corporation other than OEU or Customer, any right, remedy, or claim under or by reason of this Agreement or any of the provisions or conditions of this Agreement; and, all provisions, representations, covenants, and conditions contained in this Agreement shall inure to the sole benefit of and be binding upon OEU and Customer and their respective representatives, successors, and assigns. Further, no term or condition contained in this Agreement shall be construed in any way as a waiver by OEU of the sovereign immunity applicable to OEU as established by Florida Statutes, 768.28.

(Continued on Sheet No. 21.9)

Issued by: Michael Poucher, P.E.
Electric Utility Director

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 21.8)

FIRST REVISED SHEET NO. 21.9
CANCELS ORIGINAL SHEET NO. 21.9

IN WITNESS WHEREOF, Customer and OEU have executed this Agreement the day and year first above written.

City of Ocala Electric Utility:

Customer:

By: _____

By: Helen Hall
(Print Name)

Title: _____

Helen Hall
(Signature)

Date: _____

Date: 9-23-2021

City of Ocala Electric Utility Account Number:

509 208 171 952

Approved as to form and legality:

Robert W. Batsel, Jr.
Assistant City Attorney



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Current standards: [Florida Building Code, 7th edition](#).

CONTACT

Building Safety
2710 E. Silver Springs Blvd.
Ocala, FL 34470

352-438-2400

[Email](#)

Permit search & inspection scheduling

Menu		Permit Details	
Permit Detail	Additional Info		
Permit #	2020122460	Permit Status:	COED
Type:	M18SO1	M18 SOLAR - PHOTOVOLTAIC ELEC (RES)	
Owner:	HALL HELEN M REVOCABLE TRUST		
Address:	7575 NW 56TH PL , OCALA FL		
Parcel #	1357-008-053		
DBA:	MARC JONES CONSTRUCTION, L.L.C. DBA SUNPRO SOLAR		
Job Desc:	PV SOLAR PANEL INSTALL ON ROOF W/WIRING		
Apply Date:	12/21/2020		
Issued Date:	1/8/2021		
CO Date:	7/29/2021		
Expiration Date:	1/24/2022		
Last Inspection Request:	7/28/2021		
Last Inspection Result:	7/28/2021		
		Print Permit	
		Print Job Card	
		View	

[BACK](#) [Inspections](#) [Reviews](#) [Permit Holds](#) [Impact Fees](#) [Subs](#) [COs](#)

1.1.2028



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Building-related contacts

CONTACT

Building Safety

2710 E. Silver Springs Blvd.
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Current standards: [Florida Building Code, 7th edition](#).

Permit search & inspection scheduling

Menu Inspections for Permit # 2020122460 i				
<input checked="" type="radio"/> ALL <input type="radio"/> REQUESTED ONLY <input type="radio"/> RESULTED ONLY <input type="radio"/> AVAILABLE TO REQUEST				
CODE	DESCRIPTION	REQUEST DATE	RESULT DATE	RESULT
108	108 FINAL STRUCTURAL	7/28/2021	7/28/2021	(90) APPROVED
203	203 FINAL ELECTRIC NO	7/28/2021	7/28/2021	(90) APPROVED
208	208 ROUGH ELECTRIC	7/28/2021	7/28/2021	(90) APPROVED

Permit Valid #

Which is the last 3 digits of permit number

BACK

Details

Request Selected

Cancel Selected

Request New

1202R

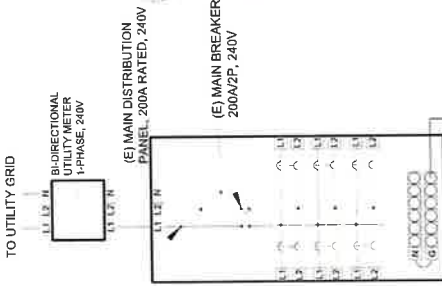
SOLAR ARRAY (11.72 KW-DC STC) TOTAL
(33) LG355N1C-V5 (355W) MODULES
(01) STRINGS OF 11 MODULES

NOTE: MARION COUNTY BUILDING SAFETY
1. SUBJECT SYSTEM HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF MARION COUNTY ENERGY CENTER CERTIFICATION, INCLUDING MAXIMUM NUMBER OF MODULE STRINGS, MAXIMUM NUMBER OF MODULES PER STRING, MAXIMUM INVERTER OUTPUT, MODULE MANUFACTURER AND MODEL NUMBER, INVERTER MANUFACTURER AND MODEL NUMBER, AS APPLICABLE.
2. PROVIDE TAP BOX WITH 1/2" IF PANEL GUTTER SPACE IS INADEQUATE.

REVIEWED DRAWINGS MUST BE ON JOBSITE
These plans were reviewed for compliance with all adopted codes and ordinances of Marion County. Enforcement of codes and ordinances is not waived by errors, omissions, or oversights made by plan reviewer(s) or inspector utilizing these plans.

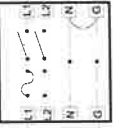


ENPHASE IQ7 PLUS-72-2-US
MICROINVERTERS
PV MODULES



LINE TAP USING INSULATION
PIERCING PER NEC 705.12(A)

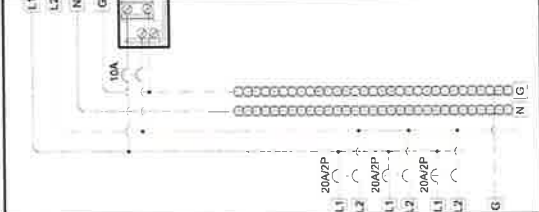
(N) AC DISCONNECT:
240V, 60AMP RATED,
NEMA 3R, UL LISTED
WITH 60A FUSES
(LOCKABLE AND FUSIBLE)



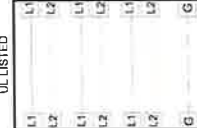
(3) #6 AWG THWN-2
IN 1" IMC, RMC, FMC, LFMC,
PVC, HDPE, NUCC, RTRC,
LFNC, FMT, ENT OR EMT
CONDUIT RUN

(3) #6 AWG THWN-2
IN 1" IMC, RMC, FMC, LFMC,
PVC, HDPE, NUCC, RTRC,
LFNC, FMT, ENT OR EMT
CONDUIT RUN

(N) 125A ENPHASE IQ COMBINER 3
POLE BREAKERS AND ENVOY
COMMUNICATION GATEWAY



(3) #10 AWG THWN-2
(1) #6 AWG THWN-2 GND
IN 1" IMC, RMC, FMC, LFMC,
PVC, HDPE, NUCC, RTRC,
LFNC, FMT, ENT OR EMT
CONDUIT RUN



(N) JUNCTION BOX
600 V, NEMA 3
UL LISTED

(3) 102 ROMEX RUN IN ATTIC
(3) #10 AWG THWN-2 - RED
(3) #10 AWG THWN-2 - BLACK
(1) #6 AWG THWN-2 GND
IN 1" IMC, RMC, FMC, LFMC,
PVC, HDPE, NUCC, RTRC,
LFNC, FMT, ENT OR EMT
CONDUIT RUN

(N) SOLADECK
600 V, NEMA 3R
UL LISTED

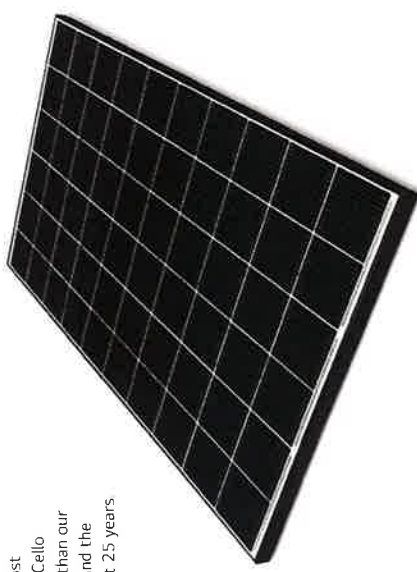


LG NeON[®] 2

LG355N1C-N5

355W

The LG NeON[®] 2 is LG's best-selling solar module and one of the most powerful and versatile modules on the market today. Featuring LG's Cello Technology[™], the LG NeON[®] 2 N5 provides 3% more power output than our V5 models. The cells are designed to appear all-black at a distance, and the performance warranty guarantees 90.1% of labeled power output at 25 years.



Features



Performance Warranty

LG NeON[®] 2 has a module performance warranty. At 25 years, the NeON[®] 2 is guaranteed to produce at least 90.1% of its labeled power output.



25-Year Limited Product Warranty

The NeON[®] 2 is covered by a 25-year limited product warranty. In addition, up to \$450 of labor costs will be covered in the rare case that a module needs to be repaired or replaced.



Solid Performance on Hot Days

LG NeON[®] 2 performs well on hot days due to its low temperature coefficient.



Roof Aesthetics

LG NeON[®] 2 has been designed with aesthetics in mind using thinner wires that appear all black at a distance.

When you go solar, ask for the brand you can trust: LG Solar

About LG Electronics USA, Inc.

LG Electronics is a global leader in electronic products in the clean energy markets by offering solar, PV assets, and energy storage systems. The company first embarked on a solar energy source research program in 1985, supported by LG Group's vast experience in the semiconductor, LCD, chemistry and materials industries. In 2010, LG Solar successfully released its first MonoSi[®] series to the market, which is now available in 32 countries. The NeON[®] (previous MonoSi[®] NeON) NeON[®] 2 is a real-world, the "monocrystalline AWARD" in 2013, 2015 and 2016, which demonstrates LG's leadership and innovation in the solar industry.



LG355N1C-N5

General Data

Cell Properties (Material Type)	Monocrystalline/N-type
Cell Maker	LG
Cell Configuration	60 Cells (6 x 10)
Number of Bypasses	12/A
Module Dimensions (L x W x H)	1,700mm x 1,016mm x 40 mm
Weight	18.0 kg
Glass (Material)	2.5mm/tempered glass with high transmittance Anti-reflection coating
Backsheet (Color)	White
Frame (Material)	Anodized Aluminum
Junction Box (Protection Degree)	IP 68 with 3 Bypass Diodes
Cables (Length)	1,000mm x 2/A
Connector Type/Make	MC 4/MC

Certifications and Warranty

Certifications	IEC 61215-1/-1-1/2 2016, IEC 61730-1/2 2016 ISO 9001, ISO 14001, ISO 50001
Salt Mist Corrosion Test	OHSA S18001 IEC 61701 2012 Seventy 6
Ammonia Corrosion Test	IEC 62716/2013
Hail Test	25mm (1") diameter at 23 m/s (52 mph) Type 1 (UL 1703)
Module Fire Performance	Class C (UL 790, UL/C/ORD C-1703)
Fire Rating	25 Year Limited
Solar Module Product Warranty	Linear Warranty*
Solar Module Output Warranty	
*improved 1st year 98%, from 2-24th year 0.33%/year down, 90.1% at year 25	

Temperature Characteristics

MMOT [†]	[°C]	42 ± 3
Pmax	[W/°C]	0.34
Voc	[V/°C]	0.26
Isc	[A/°C]	0.03
*MMOT (Nominal Module Operating Temperature) [†] Irradiance 1000 W/m ² , Ambient temperature 20°C, Wind speed 1 m/s, Spectrum AM 1.5		

Electrical Properties (NMOT)

Model	LG355N1C-N5
Maximum Power (Pmax)	266
MPP Voltage (Vmpp)	32.6
MPP Current (Impp)	8.17
Open Circuit Voltage (Voc)	39.1
Short Circuit Current (Isc)	9.60

I-V Curves



Electrical Properties (STC*)

Model	LG355N1C-N5	
Maximum Power (Pmax)	[W]	355
MPP Voltage (Vmpp)	[V]	34.7
MPP Current (Impp)	[A]	10.25
Open Circuit Voltage (Voc ± 5%)	[V]	41.5
Short Circuit Current (Isc ± 5%)	[A]	10.80
Module Efficiency	[%]	20.6
Power Tolerance	[%]	0 ~ ±3
*STC (Standard Test Condition) Irradiance 1000 W/m ² , cell temperature 25°C, AM 1.5 Measurement tolerance of Pmax : ±3%		

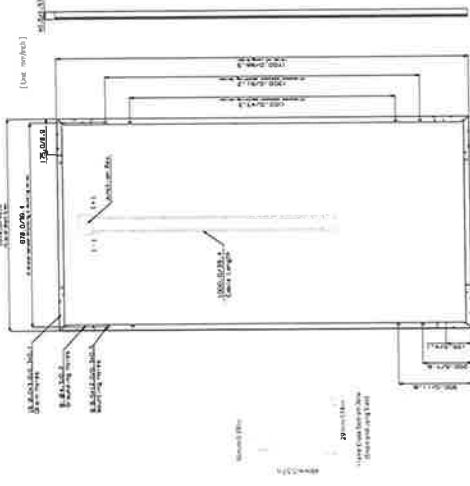
Operating Conditions

Operating Temperature	[°C]	-40 ~ +90
Maximum System Voltage	[V]	1000 (UL)
Maximum Series Fuse Rating	[A]	20
Mechanical Test Load* (Front)	[N/m ²]	5,400/113
Mechanical Test Load (Rear)	[N/m ²]	4,000/84
*Based on IEC 61215-2 2016 (Test load - Design Load Safety Factor (1.5) *Reference: The loads according to IEC 61215-2:2016		

Packaging Configuration

Number of Modules per Pallet	[EA]	25
Number of Modules per 40' Container	[EA]	650
Number of Modules per 53' Container	[EA]	850
Packaging Box Dimensions (L x W x H)	[mm]	1750 x 1170 x 1,221
Packaging Box Dimensions (L x W x H)	[m]	69 x 44.25 x 48.25
Packaging Box Gross Weight	[kg]	465
Packaging Box Gross Weight	[lb]	1,070

Dimensions (mm/inch)

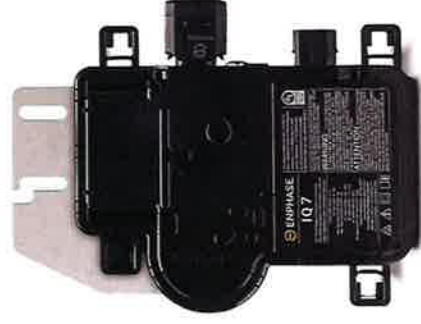


Enphase IQ 7 and IQ 7+ Microinverters

The high-powered smart grid-ready **Enphase IQ 7 Micro™** and **Enphase IQ 7+ Micro™** dramatically simplify the installation process while achieving the highest system efficiency.

Part of the Enphase IQ System, the IQ 7 and IQ 7+ Microinverters integrate seamlessly with the Enphase IQ Envoy™, Enphase Q Aggregator™, Enphase IQ Battery™, and the Enphase Enlighten™ monitoring and analysis software.

IQ Series Microinverters extend the reliability standards set forth by previous generations and undergo over a million hours of power-on testing, enabling Enphase to provide an industry-leading warranty of up to 25 years.



Easy to Install

- Lightweight and simple
- Faster installation with improved, lighter two-wire cabling
- Built-in rapid shutdown compliant (NEC 2014 & 2017)

Productive and Reliable

- Optimized for high powered 60-cell and 72-cell* modules
- More than a million hours of testing
- Class II double-insulated enclosure
- UL listed

Smart Grid Ready

- Complies with advanced grid support, voltage and frequency ride-through requirements
- Remotely updates to respond to changing grid requirements
- Configurable for varying grid profiles
- Meets CA Rule 21 (UL 1741-SA)

* The IQ 7+ Micro is required to support 72-cell modules.



To learn more about Enphase offerings, visit enphase.com

Enphase IQ 7 and IQ 7+ Microinverters

INPUT DATA (DC)		IQ7-60-2-US		IQ7PLUS-72-2-US	
Commonly used module pairings¹		235 W - 350 W +		235 W - 440 W +	
Module compatibility		60-cell PV modules only		60-cell and 72-cell PV modules	
Maximum input DC voltage		48 V		60 V	
Peak power tracking voltage		27 V - 37 V		27 V - 45 V	
Operating range		16 V - 48 V		16 V - 60 V	
Min/Max start voltage		22 V / 48 V		22 V / 60 V	
Max DC short circuit current (module Isc)		15 A		15 A	
Overvoltage class DC port		II		II	
DC port backfeed current		0 A		0 A	
PV array configuration		1 x 1 ungrounded array; No additional DC side protection required; AC side protection requires max 20A per branch circuit		1 x 1 ungrounded array; No additional DC side protection required; AC side protection requires max 20A per branch circuit	
OUTPUT DATA (AC)		IQ 7 Microinverter		IQ 7+ Microinverter	
Peak output power		250 VA		295 VA	
Maximum continuous output power		240 VA		290 VA	
Nominal (L-L) voltage/range²		240 V / 211-264 V		240 V / 211-264 V	
Maximum continuous output current		1.0 A		1.21 A	
Nominal frequency		60 Hz		60 Hz	
Extended frequency range		47 - 68 Hz		47 - 68 Hz	
AC short circuit fault current over 3 cycles		5.8 Arms		5.8 Arms	
Maximum units per 20 A (L-L) branch circuit		16 (240 VAC)		13 (240 VAC)	
Overvoltage class AC port		III		III	
AC port backfeed current		0 A		0 A	
Power factor setting		1.0		1.0	
Power factor (adjustable)		0.7 leading ... 0.7 lagging		0.7 leading ... 0.7 lagging	
EFFICIENCY		@240 V @208 V		@240 @208 V	
GEC weighted efficiency		97.0 %		97.0 %	
MECHANICAL DATA		IQ 7 Microinverter		IQ 7+ Microinverter	
Ambient temperature range		-40°C to +65°C		-40°C to +65°C	
Relative humidity range		4% to 100% (condensing)		4% to 100% (condensing)	
Connector type		MCA (or Amphenol H4 UTX with additional Q-DCC-5 adapter)		MCA (or Amphenol H4 UTX with additional Q-DCC-5 adapter)	
Dimensions (WxHxD)		212 mm x 175 mm x 30.2 mm (without bracket)		212 mm x 175 mm x 30.2 mm (without bracket)	
Weight		1.08 kg (2.38 lbs)		1.08 kg (2.38 lbs)	
Cooling		Natural convection - No fans		Natural convection - No fans	
Approved for wet locations		Yes		Yes	
Pollution degree		PD3		PD3	
Enclosure		Class II double-insulated		Class II double-insulated	
Environmental category / UV exposure rating		NEMA Type 6 / outdoor		NEMA Type 6 / outdoor	
FEATURES		Power Line Communication (PLC)		Power Line Communication (PLC)	
Communication		Enlighten Manager and MyEnlighten monitoring options.		Enlighten Manager and MyEnlighten monitoring options.	
Monitoring		Both options require installation of an Enphase IQ Envoy.		Both options require installation of an Enphase IQ Envoy.	
Disconnecting means		The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.		The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.	
Compliance		CA Rule 21 (UL 1741-SA) UL 62109-1, UL1741/IEEE1547, FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC-2014 and NEC-2017 section 690.12 and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according manufacturer's instructions.		CA Rule 21 (UL 1741-SA) UL 62109-1, UL1741/IEEE1547, FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC-2014 and NEC-2017 section 690.12 and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according manufacturer's instructions.	

1. No enforced DC/AC ratio. See the compatibility calculator at <https://enphase.com/en-us/support/module-compatibility>

2. Nominal voltage range can be extended beyond nominal if required by the utility.

To learn more about Enphase offerings, visit enphase.com

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2018-01-23

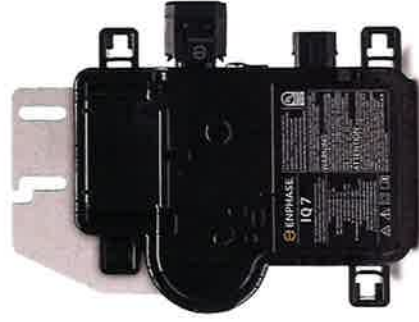


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Easy to Install

- Lightweight and simple
- Faster installation with improved, lighter two-wire cabling
- Built-in rapid shutdown compliant (NEC 2014 & 2017)

Productive and Reliable

- Optimized for high powered 60-cell and 72-cell* modules
- More than a million hours of testing
- Class II double-insulated enclosure
- UL listed

Smart Grid Ready

- Complies with advanced grid support, voltage and frequency ride-through requirements
- Remotely updates to respond to changing grid requirements
- Configurable for varying grid profiles
- Meets CA Rule 21 (UL 1741-SA)

* The IQ 7+ Micro is required to support 72-cell modules.

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Enphase IQ 7 and IQ 7+ Microinverters

INPUT DATA (DC)		IQ7-60-2-US		IQ7PLUS-72-2-US	
Commonly used module pairings ¹		235 W - 350 W +		235 W - 440 W +	
Module compatibility		60-cell PV modules only		60-cell and 72-cell PV modules	
Maximum input DC voltage		48 V		60 V	
Peak power tracking voltage		27 V - 37 V		27 V - 45 V	
Operating range		16 V - 48 V		16 V - 60 V	
Min/Max start voltage		22 V / 48 V		22 V / 60 V	
Max DC short circuit current (module Isc)		15 A		15 A	
Overvoltage class DC port		II		II	
DC port backfeed current		0 A		0 A	
PV array configuration		1 x 1 ungrounded array; No additional DC side protection required;		1 x 1 ungrounded array; No additional DC side protection required;	
		AC side protection requires max 20A per branch circuit		AC side protection requires max 20A per branch circuit	
OUTPUT DATA (AC)		IQ 7 Microinverter		IQ 7+ Microinverter	
Peak output power		250 VA		295 VA	
Maximum continuous output power		240 VA		290 VA	
Nominal (L-L) voltage/range ²		240 V / 211-264 V		208 V / 183-229 V 211-264 V	
Maximum continuous output current		1.0 A		1.15 A 1.21 A	
Nominal frequency		60 Hz		60 Hz	
Extended frequency range		47 - 68 Hz		47 - 68 Hz	
AC short circuit fault current over 3 cycles		5.8 Arms		5.8 Arms	
Maximum units per 20 A (L-L) branch circuit		16 (240 VAC) 13 (208 VAC)		13 (240 VAC) 11 (208 VAC)	
Overvoltage class AC port		III		III	
AC port backfeed current		0 A		0 A	
Power factor setting		1.0		1.0	
Power factor (adjustable)		0.7 leading ... 0.7 lagging		0.7 leading ... 0.7 lagging	
EFFICIENCY		@240 V		@208 V	
CEC weighted efficiency		97.0 %		97.0 % 96.5 %	
MECHANICAL DATA		IQ 7 Microinverter		IQ 7+ Microinverter	
Ambient temperature range		-40°C to +65°C		-40°C to +65°C	
Relative humidity range		4% to 100% (condensing)		4% to 100% (condensing)	
Connector type		MC4 (or Amphenol H4 UTX with additional Q-DCC-5 adapter)		MC4 (or Amphenol H4 UTX with additional Q-DCC-5 adapter)	
Dimensions (WxHxD)		212 mm x 175 mm x 30.2 mm (without bracket)		212 mm x 175 mm x 30.2 mm (without bracket)	
Weight		1.08 kg (2.38 lbs)		1.08 kg (2.38 lbs)	
Cooling		Natural convection - No fans		Natural convection - No fans	
Approved for wet locations		Yes		Yes	
Pollution degree		PD3		PD3	
Enclosure		Class II double-insulated		Class II double-insulated	
Environmental category / UV exposure rating		NEMA Type 6 / outdoor		NEMA Type 6 / outdoor	
FEATURES					
Communication		Power Line Communication (PLC)			
Monitoring		Enlighten Manager and MyEnlighten monitoring options. Both options require installation of an Enphase IQ Envoy.			
Disconnecting means		The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.			
Compliance		CA Rule 21 (UL 1741-SA)			

1. No enforced DC/AC ratio. See the compatibility calculator at <https://enphase.com/en-us/support/module-compatibility>

2. Nominal voltage range can be extended beyond nominal if required by the utility.

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