

230 292

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: Cynthia Fields

Mailing Address: 5245 E FORT KING ST

City: Ocala State: FL Zip Code: 34470

Phone Number: (352)624-1357 Alternate Phone Number: _____

Email Address: tysonsmom950@gmail.com Fax Number: _____

Ocala Electric Utility Customer Account Number: 554158-160018

2. RGS Facility Information

Facility Location: Roof

Ocala Electric Utility Customer Account Number: 554158-160018

RGS Manufacturer: Zshine Solar

Manufacturer's Address: 1#, Zhixi Industrial Zone, Jintan City

Reference or Model Number: ZXM6-NH120-360/M

Serial Number: _____

(Continued on Sheet No.19.1)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continue from Sheet No. 19.0)

FIRST REVISED SHEET NO. 19.1
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3. Facility Rating Information

Gross Power Rating: 3.0KWAC ("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 PV

Anticipated In- Service Date: 2/30/2023

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)

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

Effective: October 1, 2019

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OCALA, FLORIDA
(Continued from Sheet No. 19.1)

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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: Cynthia Fields Date: 1/31/2023
(Print Name)

Cynthia Fields
(Signature)

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

Effective: October 1, 2019

**Tower Hill Prime
Insurance Company**

P.O. Box 147018 Gainesville, FL 32614-7018

**HOMEOWNERS
DECLARATIONS****POLICY NUMBER****E001753709**

Amended

Change Effective:

09/23/2022

THIS IS NOT A BILLPayment notice will be sent separately
to: Mortgagee**Insured**
Cynthia Fields
5245 E FORT KING ST
OCALA, FL 34470-1548**AGENCY** **FL6231**
Holder Insurance Agency Inc
1635 SW 1ST AVENUE
OCALA, FL 34471

PHONE NUMBER: (352) 237-1141

POLICY PERIOD: 03/24/2022 to 03/24/2023. Each period begins and ends at 12:01 AM standard time at the insured location.**INSURED LOCATION:** 5245 E FORT KING ST
OCALA, FL 34470

Coverage is provided where a premium or limit is shown for the coverage.

SECTION I - PROPERTY COVERAGE	LIMIT	SECTION II - LIABILITY COVERAGE	LIMIT
COVERAGE A - Dwelling	\$256,533	COVERAGE E - Personal Liability	\$300,000
COVERAGE B - Other Structures	\$5,131	Each Occurrence	
COVERAGE C - Personal Property	\$128,267	COVERAGE F - Medical Payments to Others	\$5,000
COVERAGE D - Loss of Use	\$51,307	Each Person	

BREAKDOWN OF PREMIUM:**Charges**

	<u>Limit</u>	<u>Premium</u>
Section I and II Premium		\$1,964.00
Age of Dwelling Surcharge		\$142.00
Catastrophic Ground Cover Collapse Coverage		Incl
Deductible Options		\$112.00
Limited Fungi, Wet or Dry Rot, or Bacteria Coverage (Each Loss/Aggregate)	\$10,000/\$20,000	Incl
Coverage E Aggregate Sublimit	\$50,000	
Loss Assessment Coverage	\$1,000	Incl
Ordinance or Law Coverage	25%	Incl
Personal Property Replacement Cost without Holdback		\$234.00
Screened Enclosure Special Limitation (Total Limit)	\$10,000	Incl
Water Back-Up and Sump Discharge or Overflow		\$83.00
Deductible = \$250		
Emergency Management Preparedness and Assistance Trust Fund (EMPAT) Fee		\$2.00
Florida Insurance Guaranty Association (FIGA) Assessment Fee 2022		\$9.72
Managing General Agency (MGA) Fee		\$25.00

Credits

	<u>Premium</u>
Age of Insured Credit	-\$48.00
Age of Roof Credit	-\$53.00
Loss Free Credit	-\$48.00
Residential Windstorm Loss Mitigation Devices Credit	-\$460.00
Sinkhole Exclusion	-\$538.00
Unscheduled Other Structures - Decreased Limit	Incl

Total Policy Premium: \$1,424.72

POLICY NUMBER
E001753709

DEDUCTIBLE (Section I Only):

The Calendar Year Hurricane Deductible is \$500.
The All Other Perils Deductible is \$500.

- In case of loss under Section I, we cover only that part of the covered loss over the deductible stated, unless otherwise stated in your policy.

Mortgagee Information:

CC: JPMORGAN CHASE BANK, NA
 ISAOA/ATIMA
 PO BOX 4465
 SPRINGFIELD, OH 45501
 Loan Id: 1980940560

Important: Please notify your agent immediately if the mortgage company shown is incorrect.

BASIC RATING INFORMATION:

PROGRAM	FORM CODE	TERRITORY	COUNTY	CONSTRUCTION YEAR	CONSTRUCTION TYPE
DSFLHO	HO-3	530	MARION	1985	Frame
FIRE PROTECTION CLASS	ROOF TYPE		ROOF MATERIAL		ROOF YEAR
5	Gable		Standard Shingle		2021
BUILDING CODE (BCEG) GRADE	WIND PROTECTIVE DEVICE		PROTECTIVE DEVICE		
Does Not Apply	None		None		

PREMIUM SUMMARY:

Hurricane Premium: \$738.00
 Non-hurricane Premium: \$686.72

Section II Other Location(s):

NONE

APPLICABLE FORMS AND ENDORSEMENTS:

THP001 (04/08), HO 00 03 (04/91), HO 04 96 (04/91), HP-0003-00 (07/21), HP-0075-00 (09/05), HP-0076-00 (07/04), HP-0077-00 (07/04), HP-0087-00 (10/10), HP-0094-00 (09/07), HP-0352-00 (05/05), HP-0432-00 (09/16), HP-0435-00 (08/18), HP-0458-00 (07/21), HP-0477-00 (01/09), HP-0490-00 (09/05), HP-0495-00 (01/16), HP-0800-00 (07/21), IL-0001 (11/01), IL-0010 (02/11), IL-0012 (09/05), IL-0301-00 (09/11), IL-0503-00 (09/16), IL-0506-00 (06/07), IL-CKLS (02/11), IL-P-001 (01/04), IL-WMCA (04/11), Privacy Notice (05/13), RU213HO US (11/04), RU223HO US (07/00), THP-OHO3 (09/20)

LOCATION MAP: AERIAL VIEW:



BUILDING CODES
FBC-2020
NEC-2017
FPPC- 7TH EDITION

BUILDING USE:
EXISTING: R- RESIDENTIAL
CONST. CLASS 5-B UNPROTECTED

SYSTEM DATA:

11 - ZN SHINE SOLAR ZM6-NH120-360/M
DC INPUT RATED POWER = DC SYSTEM RATING
(RATED POWER PER MODULE) x (# OF MODULES) = DC SYSTEM SIZE

1 - SE 3000H-USROM
OVERCURRENT PROTECTION CALCULATION
(MAX OUTPUT CURRENT PER INVERTER x # OF INVERTERS) x 1.25 =
(12.5A x 1) x 1.25 = 15.625A
-PER NEC 690.8
-EXISTING HOUSE VOLTAGE IS 240V

BUS BAR RATING 150 AMP
INTERCONNECTION METHOD GRID INTERACTIVE
OCPD MEASURES 20 AMP

ROOF STRUCTURE TRUSS 2X4 @ 24"
STRUCTURAL UPGRADES NONE
ROOF DETAIL GOOD CONDITION

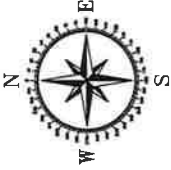
STRINGING 1 STRING OF 11

RACKING - ECOFASTEN ROCK-IT
TILT & AZIMUTH
MP1: 9 PANELS ON AZIMUTH 180 DEGREES, TILT 23 DEGREES
MP2: 2 PANELS ON AZIMUTH 270 DEGREES, TILT 26 DEGREES

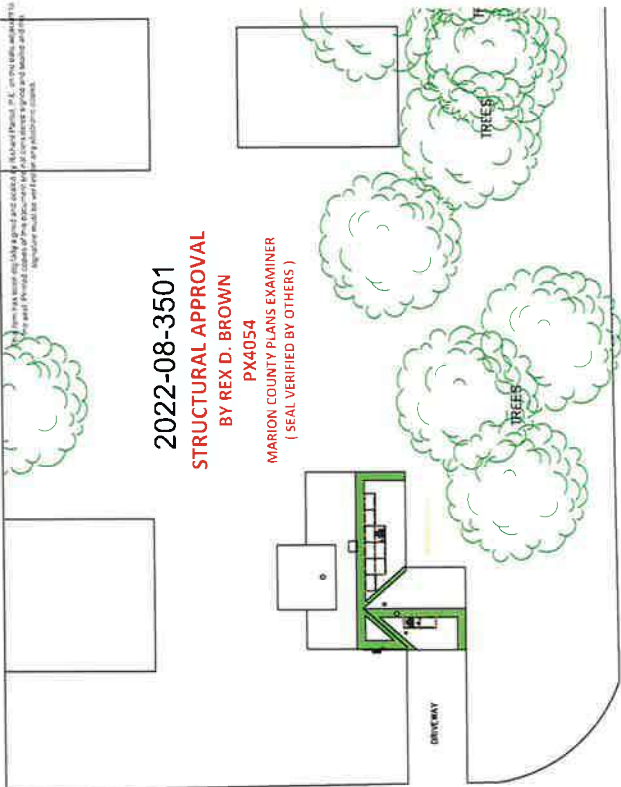
ROOF LOADS:
GROUND SNOW FROM ASCE 7-16 0 PSF
WIND LOAD FROM ASCE 7-16 129 MPH CAT2
SOLAR ARRAY 4.0 PSF MAX
AS NOTED IN THE STRUCTURAL PAGE

GENERAL NOTES:

1. PV SYSTEM IS TO BE MOUNTED ON EXISTING ROOF STRUCTURE.
2. CONTRACTOR SHALL OBTAIN ALL BUILDING AND ELECTRICAL PERMIT ONCE THE PLANS ARE APPROVED FOR CONSTRUCTION. CONTRACTOR SHALL PRESENT PROOF OF INSURANCE, PROOF OF CONTRACTING LICENSE, AND WILL SUBMIT A CHECK IN EXCHANGE FOR THE NECESSARY PERMITS. ALL FEES SHALL BE REIMBURSED AS PER CONTRACT.
3. THIS PV SYSTEM INSTALLATION IS SUBJECT TO INSPECTION BY THE BUILDING OFFICIALS, CONTRACTOR AND OWNERS. OWNER'S REPRESENTATIVES AND MULTIPLE OTHER STAKEHOLDERS
4. THIS PROJECT SHALL CONFORM TO ALL STATE'S CODES.



NE 52ND AVE



E FORT KING ST

COMPLIANCE TO THE ELECTRICAL
CODE TO BE FIELD VERIFIED

5. DRAWINGS - THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL ARRANGEMENT AND THE EXTENT OF THE WORK TO BE DONE. HOWEVER, THE EXACT LOCATION AND ARRANGEMENT OF ALL COMPONENTS SHALL BE DETERMINED AS WORK PROGRESSES. BECAUSE OF THE SMALL SCALE USED FOR THE DRAWINGS, ALL REQUIRED OFFSETS, MODIFICATIONS, ETC. AS MAY BE REQUIRED TO CLEAR STRUCTURAL WORK, WORK OF OTHER CONTRACTORS, OR OTHER OBSTRUCTIONS, MAY NOT BE SHOWN. THE CONTRACTOR, HOWEVER, SHALL PROVIDE ALL NECESSARY OFFSETS, MODIFICATIONS, ETC. AS REQUIRED TO COMPLETE THE INSTALLATION AT NO ADDITIONAL COST. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL ALL ITEMS, ACCESSORIES, AUXILIARY SYSTEMS, ETC. CALLED FOR IN THESE DOCUMENTS WHETHER OR NOT SHOWN IN THE DRAWINGS. ALL ITEMS NOT SPECIFICALLY MENTIONED IN THE

6. DIMENSIONS - NO WORK SHALL BE EXECUTED FROM DIMENSIONS OBTAINED BY SCALING ANY DRAWINGS. EXACT DIMENSIONS, WHERE NEEDED, SHALL BE OBTAINED FROM ACTUAL FIGURES ON THE ARCHITECTURAL DRAWINGS AND SHALL BE SUPPLEMENTED BY VERIFICATION OF MEASUREMENTS AT THE SITE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND FIELD CONDITIONS BEFORE STARTING WORK AND SHALL NOTIFY THE ARCHITECT OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES. IF NO DISCREPANCIES ARE BROUGHT TO THEIR ATTENTION, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY.

DOCUMENTS OR NOTED ON THE DRAWINGS, BUT WHICH ARE NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED.

DRAWING LIST	
A1: COVER PAGE	
A2: ROOF PLAN NOTES & DETAILS	
A3: STRUCTURAL INFORMATION	
E1: ELECTRICAL INFORMATION	
E2: SPEC SHEETS	
E3: SPEC SHEETS	
E4: SPEC SHEETS	
E5: SAFETY PAGE & LABELS	

DRAWING TITLE:
COVER PAGE

DRAWING NO.

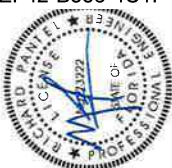
A-1

3.96KW SOLAR SYSTEM FOR:
Cynthia Fields
5245 East Fort King Street
Ocala, FL 34470

SCALE:	AS NOTED
DRAWN:	PRASHANTH EJT
CHECKED:	DATE: 08-11-2022
REVISIONS:	09/03/2022
09/20/2022	
AB : 9-8-2022	



VISION SOLAR™
511 RT. 168 BLACKWOOD
NEW JERSEY 08021
PHONE: 856-375-6129

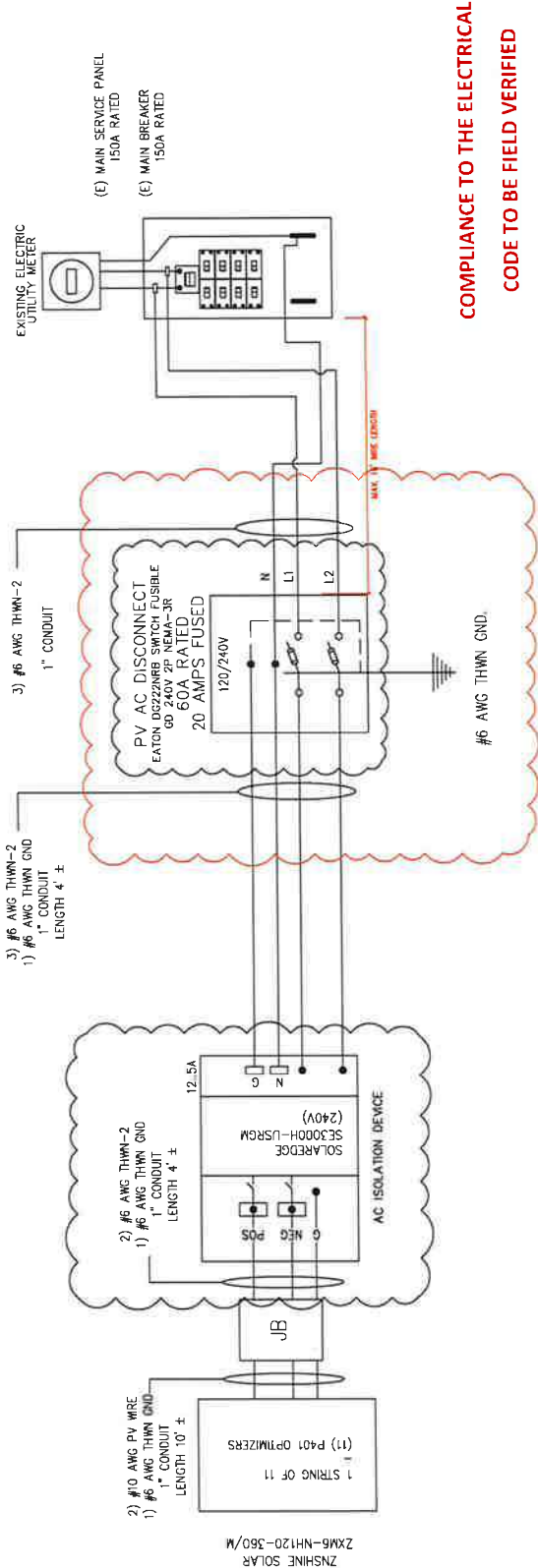


Reviewed and approved
Richard Pantel, P.E.
FL Lic. No. 73222
9/20/2022

Richard
Pantel

THE ABOVE PV SYSTEMS HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE NEC 2017, AND THOSE SET FORTH BY THE FLORIDA SOLAR ENERGY CENTER CERTIFICATION. INCLUDING MAXIMUM NUMBER OF MODULE STRINGS, MAXIMUM NUMBER OF MODULES PER STRING, MAXIMUM OUTPUT, MODULE MANUFACTURER AND MODEL NUMBER, INVERTER MANUFACTURER AND MODEL NUMBER, WIRE LENGTH TO DISCONNECT OR FUSE BOX SHALL BE 10' OR LESS.

ELECTRICAL SUMMARY

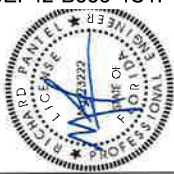


COMPLIANCE TO THE ELECTRICAL
CODE TO BE FIELD VERIFIED

ELECTRICAL NOTES

1. CONDUIT MATERIAL VARIES BY PROJECT, WHEN LOCATED WITHIN ONE MILE OF SEA WATER SCHEDULE 40 PVC CONDUIT USED.
2. ALL INVERTERS AND MODULES ARE LOCATED ON ROOF MOUNTED ATTACHMENT SYSTEM.
3. CONDUCTORS ARE COPPER UNLESS OTHERWISE NOTED
4. CONFIRM LINE SIDE VOLTAGE AT ELECTRIC UTILITY SERVICE ENTRANCE BEFORE CONNECTING INVERTER AND ENSURE PROPER OPERATIONAL RANGE.
5. INTERCONNECTION TO UTILITY AND SYSTEM GROUNDING PER STATE'S NEC CODES.
6. ALL OUTDOOR EQUIPMENT SHALL BE MINIMUM OF NEMA-3R RATED.
7. PV CIRCUITS ONLY, NO OTHER LOADS SHALL BE APPLIED TO THIS PANEL OTHER THEN PC COMPONENTS AS PER NEC ARTICLE 690.

VISION SOLAR™
511 RT. 168 BLACKWOOD
SUN, FLORIDA 32009
PHONE: 856-375-8129



Reviewed and approved
Richard Paniel, P.E.
FL Lic. No. 73222
9/20/2022

3.96KW SOLAR SYSTEM FOR:

Cynthia Fields
5245 East Fort King Street
Ocala, FL 34470

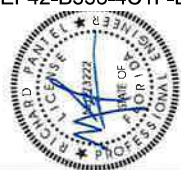
SCALE:	AS NOTED
DRAWN:	PRASHANTH
CHECKED:	EJT
DATE:	08-11-2022
REVISIONS:	
09/03/2022	
09/20/2022	
AB :	9-8-2022

DRAWING TITLE:	ELECTRICAL INFORMATION
DRAWING NO.	E-1

This document is not legally signed and sealed by Richard Pantele, P.E. on the paper document in the seal. Printed copies of this document are not valid. Only the electronic document is valid. No other printed copies of this document are valid. No other printed copies of this document are valid.



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3.96KW SOLAR SYSTEM FOR:
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5245 East Fort King Street
Ocala, FL 34470

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DATE:	08-11-2022
REVISIONS:	
08/03/2022	
08/20/2022	
AB : 9-8-2022	
DRAWING TITLE:	SPEC SHEETS
DRAWING NO.	E-2

ZSHINESOLAR
ZXM6-NH120 Series Mono PERC PV Module

ELECTRICAL PROPERTIES (STC)

Module Type	ZXM6-NH120-35W	ZXM6-NH120-35W	ZXM6-NH120-35W	ZXM6-NH120-35W	ZXM6-NH120-35W
Rated Power (W)	350	355	360	365	370
Power Output Tolerance (Pract)(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage (V _{mp})	33.4	33.6	33.8	34.0	34.2
Maximum Power Current (I _{mp}) (A)	10.48	10.57	10.66	10.74	10.82
Open Circuit Voltage (V _{oc})	40.2	40.4	40.6	40.8	41.0
Short Circuit Current (I _{sc}) (A)	11.04	11.14	11.24	11.33	11.42
Module Efficiency (%)	19.21	19.40	19.76	20.04	20.31

*STC (Standard Test Conditions): Irradiance: 1000W/m², Module Temperature: 25°C, AM 1.5.
†The data herein is for reference only and should not be used for design purposes.

ELECTRICAL PROPERTIES (NTPOT)

Maximum Power (Pract)(Wp)	256.1	259.8	263.5	267.1	270.6
Maximum Power Voltage (V _{mp}) (V)	30.9	31.1	31.3	31.4	31.6
Maximum Power Current (I _{mp}) (A)	8.28	8.36	8.43	8.50	8.57
Open Circuit Voltage (V _{oc}) (V)	37.2	37.4	37.6	37.8	38.0
Short Circuit Current (I _{sc}) (A)	8.92	9.00	9.08	9.15	9.22

*NTPOT (Nominal Temperature Power Output): Irradiance: 1000W/m², Module Temperature: 25°C, AM 1.5.
†The data herein is for reference only and should not be used for design purposes.

TEMPERATURE RATINGS

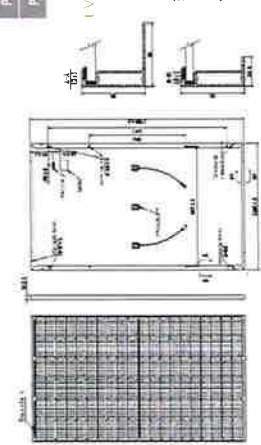
MINOT	44°C / 113°F
Temperature coefficient of P _{max}	-0.36%/°C
Temperature coefficient of V _{oc}	0.29%/°C
Temperature coefficient of I _{sc}	0.05%/°C

*The data herein is for reference only and should not be used for design purposes.

WORKING CONDITIONS

Maximum system voltage	1500 V DC
Operating temperature	40°C ~ +85°C
Maximum series fuse	20 A
Maximum load/fuse/weight	5400 Pa / 2400 Pf

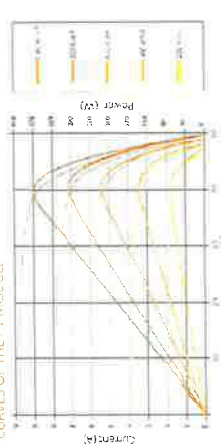
DIMENSIONS OF THE PV MODULE (mm)



PACKAGING INFORMATION

Packing Type	40' HQ
Packing Box	30
Packing Container	700

I-V CURVES OF THE PV MODULE



Be careful, please read safety and evaluation instructions before using the product. Subject to change without notice. © ZSHINESOLAR 2021. Version: 2021.04.01.2021.4

Address: 11, Zhongyuan Industrial Zone, Jiaxing City, Zhejiang Province, P.R. China
Tel: +86 515 62027023
E-mail: info@zshinesolar.com



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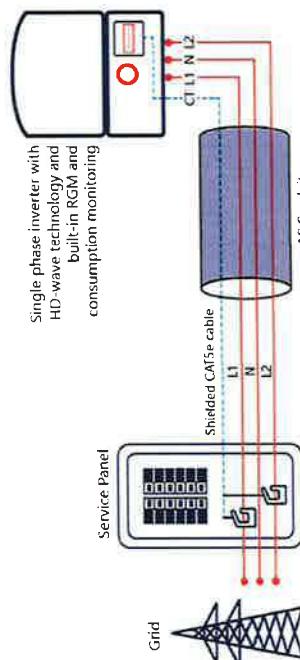
Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SF7600H-US / SE10000H-US / SE11400H-US

[illegible]

How to Enable Consumption Monitoring

Simply wiring current transformers through the inverter's existing AC conduits and connecting them to the service panel, homeowners will gain full insight into their household energy usage helping them to avoid high electricity bills



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RoHS

Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SF7600H-US / SE10000H-US / SE11400H-US

SEI3000H-US	SEI3000H-US	SEI5000H-US	SEI6000H-US	SEI7600H-US	SEI1000H-US	SEI1400H-US
SEXXXXH-XXXXXXBXX4						
OUTPUT						
5000	4500 @ 240V 3300 @ 270V	5000	6000 @ 240V 5000 @ 270V	7600	10000	10000 @ 240V 8000 @ 270V
2000	1800 @ 240V 1350 @ 270V	2000	2000 @ 240V 1500 @ 270V	2600	3000	3000 @ 240V 2000 @ 270V
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
1000	900 @ 240V 675 @ 270V	1000	1000 @ 240V 750 @ 270V	1300	1600	1600 @ 240V 1200 @ 270V
500	450 @ 240V 337.5 @ 270V	500	500 @ 240V 375 @ 270V	650	800	800 @ 240V 600 @ 270V
250	225 @ 240V 168.75 @ 270V	250	250 @ 240V 187.5 @ 270V	325	400	400 @ 240V 300 @ 270V
125	112.5 @ 240V 84.375 @ 270V	125	125 @ 240V 93.75 @ 270V	162.5	200	200 @ 240V 150 @ 270V
62.5	56.25 @ 240V 42.1875 @ 270V	62.5	62.5 @ 240V 46.875 @ 270V	81.25	100	100 @ 240V 75 @ 270V
31.25	28.125 @ 240V 21.09375 @ 270V	31.25	31.25 @ 240V 23.4375 @ 270V	40.625	50	50 @ 240V 37.5 @ 270V
15.625	14.0625 @ 240V 10.546875 @ 270V	15.625	15.625 @ 240V 11.71875 @ 270V	20.3125	25	25 @ 240V 18.75 @ 270V
7.8125	7.03125 @ 240V 5.2734375 @ 270V	7.8125	7.8125 @ 240V 5.859375 @ 270V	10.15625	12.5	12.5 @ 240V 9.375 @ 270V
3.90625	3.515625 @ 240V 2.63671875 @ 270V	3.90625	3.90625 @ 240V 2.9296875 @ 270V	5.078125	6.25	6.25 @ 240V 4.6875 @ 270V
1.953125	1.7578125 @ 240V 1.318359375 @ 270V	1.953125	1.953125 @ 240V 1.46484375 @ 270V	2.5390625	3.125	3.125 @ 240V 2.34375 @ 270V
0.9765625	0.87890625 @ 240V 0.6591796875 @ 270V	0.9765625	0.9765625 @ 240V 0.732421875 @ 270V	1.26953125	1.5625	1.5625 @ 240V 1.171875 @ 270V
0.48828125	0.439453125 @ 240V 0.32958984375 @ 270V	0.48828125	0.48828125 @ 240V 0.3662109375 @ 270V	0.634765625	0.78125	0.78125 @ 240V 0.5859375 @ 270V
0.244140625	0.2197265625 @ 240V 0.164794921875 @ 270V	0.244140625	0.244140625 @ 240V 0.18310546875 @ 270V	0.3173828125	0.390625	0.390625 @ 240V 0.29296875 @ 270V
0.1220703125	0.10986328125 @ 240V 0.0823974609375 @ 270V	0.1220703125	0.1220703125 @ 240V 0.091552734375 @ 270V	0.15869140625	0.1953125	0.1953125 @ 240V 0.146484375 @ 270V
0.06103515625	0.054931640625 @ 240V 0.04119873046875 @ 270V	0.06103515625	0.06103515625 @ 240V 0.0457763671875 @ 270V	0.079345703125	0.09765625	0.09765625 @ 240V 0.0732421875 @ 270V
0.030517578125	0.0274658203125 @ 240V 0.020599365234375 @ 270V	0.030517578125	0.030517578125 @ 240V 0.02288818359375 @ 270V	0.0396728515625	0.048828125	0.048828125 @ 240V 0.03662109375 @ 270V
0.0152587890625	0.01373291015625 @ 240V 0.0102996826171875 @ 270V	0.0152587890625	0.0152587890625 @ 240V 0.011444091796875 @ 270V	0.01983642578125	0.0244140625	0.0244140625 @ 240V 0.018310546875 @ 270V
0.00762939453125	0.006866455078125 @ 240V 0.00514984130859375 @ 270V	0.00762939453125	0.00762939453125 @ 240V 0.0057220458984375 @ 270V	0.009918212890625	0.01220703125	0.01220703125 @ 240V 0.0091552734375 @ 270V
0.003814697265625	0.0034332275390625 @ 240V 0.002574920654296875 @ 270V	0.003814697265625	0.003814697265625 @ 240V 0.00286102294921875 @ 270V	0.0049591064453125	0.006103515625	0.006103515625 @ 240V 0.00457763671875 @ 270V
0.0019073486328125	0.00171661376953125 @ 240V 0.0012874603271484375 @ 270V	0.0019073486328125	0.0019073486328125 @ 240V 0.0014305114			
INPUT						
4000	5000	3700	4500	10000	10000	10000
	5500		7500		15000	
			800			
			180			
8.5	9.5	11.5	11.5	20	400	100
	9		11.5	20	20	
			45			
			5000kVA, 3-phase, 3-wire			
50			99.2			99.2
			99			99.2
			6.25			6.25

1.1. For other regions or additional data, contact Social-Sci Search.

OCALA ELECTRIC UTILITY
OCALA, FLORIDA

FIRST REVISED SHEET NO. 20.0
CANCELS ORIGINAL SHEET NO. 20.0

Tri-Party Net-Metering Power Purchase Agreement

This Tri-Party Net-Metering Power Purchase Agreement (this "Agreement") is entered into this 31 day of January, 2023, 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 Cynthia Fields, 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)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 20.0)

FIRST REVISED SHEET NO. 20.1
CANCELS ORIGINAL 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)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 20.1)

FIRST REVISED SHEET NO. 20.2
CANCELS ORIGINAL SHEET NO. 20.2

4.04. FMPPA 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 FMPPA 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 FMPPA 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 FMPPA.

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)

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

Effective: October 1, 2019

Ocala Electric Utility
Ocala, Florida
(Continued from Sheet No. 20.2)

FIRST REVISED SHEET NO. 20.3
CANCELS ORIGINAL 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

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 20.3)

FIRST REVISED SHEET NO. 20.4
CANCELS ORIGINAL SHEET NO. 20.4

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)

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

Effective: October 1, 2019

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

By:  Ken Whitehead
Title: Assistant City Manager
Date: 3/27/2023

Florida Municipal Power Agency

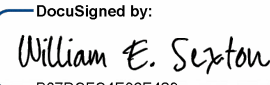
By:  John
Title: VP of IT/OT and System Ops
Date: 3/27/2023

Customer

By: Cynthia Fields Date: 1/31/2023
(Print Name)
 Cynthia Fields
(Signature)

Customer's City of Ocala Electric Utility Account Number: 554158-160018

Approved as to form and legality:

 William E. Sexton
B07DCFC4E86E429...
William E. Sexton
City Attorney

(Continued on Sheet No. 20.6)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 20.5)

FIRST REVISED SHEET NO. 20.6
CANCELS ORIGINAL SHEET NO. 20.6

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

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

- a) FMPA 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 FMPA as soon as it becomes available, but no later than the second working day of every month. FMPA 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. FMPA will update the Quarterly Energy Rate every April 1, July 1, October 1 and January 1.

- b) As part of the monthly bill adjustment, FMPA will also increase OEU's kWh billing amount by the same kWh amount as the customer-owned renewable generation purchased by FMPA. This adjustment is necessary because excess customer generation that flows onto OEU's electric system has been purchased by FMPA, 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 FMPA'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.

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

Effective: October 1, 2019

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 31 day of January, 2023, by and between Cynthia Fields, (hereinafter called "**Customer**"), located at 5245 E FORT KING ST 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: 5245 E FORT KING ST Ocala, Florida 34470.

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

OCALA ELECTRIC UTILITY
 Ocala, Florida
 (Continued from Sheet No. 21.0)

FIRST REVISED SHEET NO. 21.1
 CANCELS ORIGINAL SHEET NO. 21.1

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)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 21.1)

FIRST REVISED SHEET NO. 21.2
CANCELS ORIGINAL 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)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 21.2)

FIRST REVISED SHEET NO. 21.3
CANCELS ORIGINAL 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's 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)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 21.3)

FIRST REVISED SHEET NO. 21.4
CANCELS ORIGINAL 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)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 21.4)

FIRST REVISED SHEET NO. 21.5
CANCELS ORIGINAL 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)

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

Effective: October 1, 2019

Ocala Electric Utility
Ocala, Florida
(Continued from Sheet No. 21.5)

FIRST REVISED SHEET NO. 21.6
CANCELS ORIGINAL 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)

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

Effective: October 1, 2019

OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 21.6)

FIRST REVISED SHEET NO. 21.7
CANCELS ORIGINAL 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)

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

Effective: October 1, 2019

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:

By: DocuSigned by:
Ken Whitehead
5677F71E3887AF4...
Title: Assistant City Manager
Date: 3/27/2023

Customer:

By: Cynthia Fields
(Print Name)
Cynthia Fields
(Signature)
Date: 1/31/2023

City of Ocala Electric Utility Account Number:

554158-160018

Approved as to form and legality:

DocuSigned by:
William E. Sexton
8070CFCEB8E4209
William E. Sexton
City Attorney

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

Effective: October 1, 2019

Certificate Of Completion

Envelope Id: 3CB5EF42B3364C1FB0813D25641F4BC0

Status: Completed

Subject: FOR REVIEW - Application for Customer-Owned Renewable Generation Systems Cynthia Fields (ELE230292)

Source Envelope:

Document Pages: 26

Signatures: 5

Envelope Originator:

Certificate Pages: 5

Initials: 0

Savannah Lewis

AutoNav: Enabled

110 SE Watula Avenue

Envelopeld Stamping: Enabled

City Hall, Third Floor

Time Zone: (UTC-05:00) Eastern Time (US & Canada)

Ocala, FL 34471

slewis@ocalafl.org

IP Address: 216.255.240.104

Record Tracking

Status: Original

Holder: Savannah Lewis

Location: DocuSign

3/3/2023 5:11:55 PM

slewis@ocalafl.org

Security Appliance Status: Connected

Pool: StateLocal

Storage Appliance Status: Connected

Pool: City of Ocala - Procurement & Contracting

Location: DocuSign

Signer Events

William E. Sexton

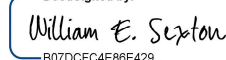
wsexton@ocalafl.org

City Attorney

City of Ocala

Security Level: Email, Account Authentication
(None)**Signature**

DocuSigned by:



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Signature Adoption: Pre-selected Style

Using IP Address: 216.255.240.104

Timestamp

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Viewed: 3/23/2023 12:13:06 PM

Signed: 3/23/2023 12:13:22 PM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Ken Whitehead

kwhitehead@ocalafl.org

Assistant City Manager

City of Ocala

Security Level: Email, Account Authentication
(None)

DocuSigned by:



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Signature Adoption: Pre-selected Style

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Signed: 3/27/2023 6:11:54 PM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Chris Gowder

chris.gowder@fmpa.com

VP of IT/OT and System Ops

Security Level: Email, Account Authentication
(None)

DocuSigned by:



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Signature Adoption: Uploaded Signature Image

Using IP Address: 38.77.131.2

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Signed: 3/27/2023 7:08:29 PM

Electronic Record and Signature Disclosure:

Accepted: 3/27/2023 7:08:06 PM

ID: 243a2c23-8b41-49d3-b81f-997544ffab4c

In Person Signer Events**Signature****Timestamp****Editor Delivery Events****Status****Timestamp****Agent Delivery Events****Status****Timestamp****Intermediary Delivery Events****Status****Timestamp**

Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	3/3/2023 5:14:09 PM
Certified Delivered	Security Checked	3/27/2023 7:08:06 PM
Signing Complete	Security Checked	3/27/2023 7:08:29 PM
Completed	Security Checked	3/27/2023 7:08:29 PM
Payment Events	Status	Timestamps
Electronic Record and Signature Disclosure		

ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

From time to time, City of Ocala - Procurement & Contracting (we, us or Company) may be required by law to provide to you certain written notices or disclosures. Described below are the terms and conditions for providing to you such notices and disclosures electronically through the DocuSign system. Please read the information below carefully and thoroughly, and if you can access this information electronically to your satisfaction and agree to this Electronic Record and Signature Disclosure (ERSD), please confirm your agreement by selecting the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

Getting paper copies

At any time, you may request from us a paper copy of any record provided or made available electronically to you by us. You will have the ability to download and print documents we send to you through the DocuSign system during and immediately after the signing session and, if you elect to create a DocuSign account, you may access the documents for a limited period of time (usually 30 days) after such documents are first sent to you. After such time, if you wish for us to send you paper copies of any such documents from our office to you, you will be charged a \$0.00 per-page fee. You may request delivery of such paper copies from us by following the procedure described below.

Withdrawing your consent

If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind

If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. Further, you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically

Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

How to contact City of Ocala - Procurement & Contracting:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: contracts@ocalafl.org

To advise City of Ocala - Procurement & Contracting of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at contracts@ocalafl.org and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

If you created a DocuSign account, you may update it with your new email address through your account preferences.

To request paper copies from City of Ocala - Procurement & Contracting

To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an email to contracts@ocalafl.org and in the body of such request you must state your email address, full name, mailing address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with City of Ocala - Procurement & Contracting

To inform us that you no longer wish to receive future notices and disclosures in electronic format you may:

- i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;
- ii. send us an email to contracts@ocalafl.org and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

Required hardware and software

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <https://support.docusign.com/guides/signer-guide-signing-system-requirements>.

Acknowledging your access and consent to receive and sign documents electronically

To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

By selecting the check-box next to ‘I agree to use electronic records and signatures’, you confirm that:

- You can access and read this Electronic Record and Signature Disclosure; and
- You can print on paper this Electronic Record and Signature Disclosure, or save or send this Electronic Record and Disclosure to a location where you can print it, for future reference and access; and
- Until or unless you notify City of Ocala - Procurement & Contracting as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by City of Ocala - Procurement & Contracting during the course of your relationship with City of Ocala - Procurement & Contracting.