



211109

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: Sean C Johnson

Mailing Address: 8010 Southwest 16th Avenue

City: Ocala State: FL Zip Code: 34476

Phone Number: _____ Alternate Phone Number: _____

Email Address: seanj0505@yahoo.com Fax Number: _____

Ocala Electric Utility Customer Account Number: 544790-118306

2. RGS Facility Information

Facility Location: 8010 SW 16th Ave, Ocala, FL 34476, US

Ocala Electric Utility Customer Account Number: 544790-118306

RGS Manufacturer: SolarCity Certified Delta

Manufacturer's Address: _____

Reference or Model Number: SR60T1 M8-TL-US [240V]

Serial Number: SR60T1

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

Effective: October 1, 2019



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3. Facility Rating Information

Gross Power Rating: 11.8286 kW ("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/Photovoltaic

Anticipated In-Service Date: 2/27/21

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.

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Electric Utility Director

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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: Sean Johnson
(Print Name)

Date: 1/28/21


(Signature)



OCALA ELECTRIC UTILITY
OCALA, FLORIDA

FIRST REVISED SHEET NO. 20.0
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Tri-Party Net-Metering Power Purchase Agreement

This Tri-Party Net-Metering Power Purchase Agreement (this "Agreement") is entered into this 27th day of January, 20 21, 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 Sean C Johnson, 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.

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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.

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Electric Utility Director

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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.

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

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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.

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

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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.

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

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

City of Ocala Electric Utility

By: Bill Kauffman

Title: ACM / CFO

Date: 01 / 31 / 2022

Florida Municipal Power Agency

By: [Signature]

Title: Bus Dev & Sys Ops Director

Date: 01 / 31 / 2022

Customer

By: Sean C Johnson

(Print Name)

[Signature]

(Signature)

Date: 1/28/21

Customer's City of Ocala Electric Utility Account Number: 544790-118306

Approved as to form and legality:

Robert W. Batsel, Jr.

Robert W. Batsel, Jr.

Assistant City Attorney

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

Effective: October 1, 2019



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**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
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Tier 2
Standard Interconnection Agreement
Customer-Owned Renewable Generation System

This Agreement is made and entered into this 27th day of January, 2021, by and between Sean C Johnson, (hereinafter called "Customer"), located at 8010 Southwest 16th Avenue in Ocala, Florida, and the City of Ocala doing business as Ocala Electric Utility (hereafter called "OEU"), a body politic. Customer and OEU shall collectively be called the "Parties". The physical location/premise where the interconnection is taking place: 8010 SW 16th Ave, Ocala, FL 34476, US.

WITNESSETH

Whereas, a Tier 2 Renewable Generation System (RGS) is an electric generating system that uses one or of 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 more than 10 kilowatts (10 kW) but not greater than 100 kilowatts (100 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 parts of the City of Ocala and Marion County; 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 OEU has agreed to purchase and receive, and FMPA has agreed to sell and supply OEU with all energy and capacity necessary to operate OEU's 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, 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;

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Electric Utility Director

Effective: October 1, 2019



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OCALA, FLORIDA
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FIRST REVISED SHEET NO. 22.1
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NOW, THEREFORE, for and in consideration of the mutual covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

1. The Customer shall be required to enter into a Tri-Party Net-Metering Purchase Power Agreement with FMPA and 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 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 2 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. In no case should modifications to the RGS be made such that the GPR increases above the 100 kilowatts (100 kW) limit.
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 be required to pay a non-refundable application fee of \$375 for the review and processing of the application.
6. The Customer shall fully comply with OEU's Rules and Regulations and Electric Service Specifications as those documents may be amended or revised by OEU 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*.

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Electric Utility Director

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- 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.
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 OEU 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.

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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 a utility-interactive inverter or interconnection system equipment that ceases to interconnect with the OEU system upon a loss of OEU 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 which (i) utilizes the same utility-interactive inverter for both systems; or (ii) utilizes a separate utility-interactive inverter for each system, then 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's electric 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's electric 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 electric system such that back feed from the customer-owned renewable generation system to OEU's electric 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.

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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 Sections 18 and 19, 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 million dollars (\$1,000,000.00).

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 also 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.

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 OUS 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.

(Continued on Sheet No. 22.5)

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

Effective: October 1, 2019



Ocala Electric Utility
Ocala, Florida
(Continued from Sheet No. 22.4)

FIRST REVISED SHEET NO. 22.5
CANCELS ORIGINAL SHEET NO. 22.5

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 utility system emergencies, forced outages, uncontrollable forces or compliance with prudent electric utility 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 utility system due to the operation of the Customer's generation or protective equipment as determined by OEU.
- d. Adverse electrical effects (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.

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.

(Continued on Sheet No. 22.6)

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

Effective: October 1, 2019



OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 22.5)

FIRST REVISED SHEET NO. 22.6
CANCELS ORIGINAL SHEET NO. 22.6

- 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, contractors (and any subcontractor or material supplier thereof), agents 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.

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

(Continued on Sheet No. 22.7)

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

Effective: October 1, 2019



OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 22.6)

FIRST REVISED SHEET NO. 22.7
CANCELS ORIGINAL SHEET NO. 22.7

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 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.

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 2.5 percent (%) of the aggregate customer peak demand on OEU's electric 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. 22.8)

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

Effective: October 1, 2019



OCALA ELECTRIC UTILITY
OCALA, FLORIDA
(Continued from Sheet No. 22.7)

FIRST REVISED SHEET NO. 22.8
CANCELS ORIGINAL SHEET NO. 22.8

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

OUS:

By: Bill Kauffman

Title: ACM / CFO

Date: 01 / 31 / 2022

Customer:

By: Sean Johnson

(Print Name)

(Signature)

Date: 5/28/21

City of Ocala Electric Utility Account Number:
544790-118306

Approved as to form and legality:

Robert W. Batsel, Jr.

Robert W. Batsel, Jr.
Assistant City Attorney

American Strategic Insurance Corp
1 ASI Way
St. Petersburg, FL 33702
Phone: (727) 374-2502

PROGRESSIVE UMBRELLA

Personal Umbrella Declarations Page

Agent:

The Villages Insurance
1031 Lake Sumter Landing
The Villages, FL 32162

Agent Code:

414609

For Policy Service, Call:

(352)751-6622

Total Policy Premium:

\$295

Policy Number:

FLU131154

Plan Type:

UMB

Policy Period: From: 08/21/2021 To: 08/21/2022

(At 12:01 AM Standard Time at the residence premises)

Effective Date of This Transaction:

08/21/2021

Transaction Type:

New Business

Named Insured:

SEAN JOHNSON
8010 SW 16TH AVE
OCALA, FL 34476

Premises Location(s):

8010 SW 16TH AVE, Ocala, FL 34476-6758

Coverage Limit: \$ 1,000,000

Coverages

	<u>Limit</u>	<u>Premium</u>
Liability Base Premium	\$ 1,000,000	\$200.00
Uninsured/Underinsured Motorist Coverage	\$ 0	\$0.00

Surcharges & Discounts

	<u>Premium</u>
Total # of Autos	\$0.00
Residential Properties (1-2 Family)	\$0.00
Residential Properties (3-4 Family)	\$0.00
Desired Coverage Limit	\$0.00
Adults Aged 22 to 79	\$0.00
Under 22 with Clean Driving Record	\$0.00
Under 22 without Clean Driving Records	\$0.00
Licensed < 1 yr	\$0.00
Moving Violations	\$0.00
At Fault Accidents	\$0.00
Increased Underlying Property Liability	\$0.00
Territory Factor	\$70.00
Territory Factor (UIM)	\$0.00
Swimming Pool/Spas	\$0.00
Autos/Motorcycles	\$0.00
Adults Aged 80 and Older	\$0.00
Minimum Limit Premium Adjustment	\$0.00
Managing General Agent Fee	\$25.00
TOTAL POLICY PREMIUM:	\$295.00

All Insureds:

Sean Johnson
Jennifer Chancey

Policy Forms:

Amendment of Policy Provisions - Florida	ASI PUP FL SP 10 20
Auto Liability Following Form - Florida	ASI PUP FL ALF 10 20
Public Or Livery Conveyance Exclusion - Florida	ASI PUP FL PCE 10 20
Personal Umbrella Liability Policy	DL 98 01 06 98

Additional Interest:

Hamilton Loans INC, ISAOA/ATIMA
PO Box 961292
Fort Worth, TX 76161
Interest: Other


Countersigned by Authorized Representative

St. Petersburg, FL

Date: 08/20/2021

Required Retained Limits**All Automobiles, Motorcycles, Motorhomes, Mopeds, and All Road Licensed Vehicles:****Required Retained Limits** (Does not apply for Premises Only Liability policies)

\$250,000 / \$500,000 / \$100,000 or \$300,000 CSL for policies with any drivers age 22-79

\$500,000 / \$500,000 / \$500,000 or \$500,000 CSL for policies with any drivers 21 and younger or 80 and older *

All Automobiles and Motorhomes Requesting UM Coverage:**Required Retained Limits**

UM: \$250,000 / \$500,000 / \$100,000 or \$300,000 CSL for policies with any drivers age 22-79

UM: \$500,000 / \$500,000 / \$500,000 or \$500,000 CSL for policies with any drivers 21 and younger or 80 and older

Comprehensive Personal Liability, Homeowners, or Farm Comprehensive Personal Liability:**Required Retained Limits**

\$300,000

Residential Rental Properties Covered Under the Dwelling Fire Policy for 1-4 Family Residences:**Required Retained Limits**

\$300,000

Personal Injury Coverage Endorsed to the Homeowners Policy (whenever available):**Required Retained Limits** (Does not apply for Premises Only Liability policies)

\$300,000

All Recreational Vehicles Including Golf Carts, Utility Vehicles, Trail Bikes or Other Vehicles Not Required to be Licensed:**Required Retained Limits** (Does not apply for Premises Only Liability policies)

\$250,000 / \$500,000 / \$100,000 or \$300,000 CSL

Watercraft:**Required Retained Limits** (Does not apply for Premises Only Liability policies)

\$250,000 / \$500,000 / \$100,000 or \$300,000 CSL

* Required Retained Limits are reduced to \$250,000/\$500,000/\$100,000 or \$300,000 CSL when the Underlying Automobile Surcharge is applied.

Detailed Schedule**Automobiles**

<u>Make</u>	<u>Model</u>
Tesla	N/A
Acura	N/A

Motorcycles and Mopeds

<u>Make</u>	<u>Model</u>
N/A	N/A

Watercraft

<u>Make</u>	<u>Model</u>	<u>Length (ft)</u>	<u>MPH</u>
N/A	N/A	N/A	N/A

Golf Carts, Utility Vehicles or Recreational Vehicles

<u>Make</u>	<u>Model</u>
N/A	N/A

Motorhomes

<u>Make</u>	<u>Model</u>
N/A	N/A

Policyholder: SEAN JOHNSON


Policy ID: FLU131154

Important Message(s):

1. Failure to maintain the Required Retained Limits may prevent this policy from providing coverage. The Required Retained Limits shall apply regardless of any applicable sublimit or reduced limits for specified occurrences.
2. You must notify us of any change in your retained limits or coverage.
3. Your underlying insurance carrier must have an AM Best rating of B+ or better or a Demotech rating of A or better.

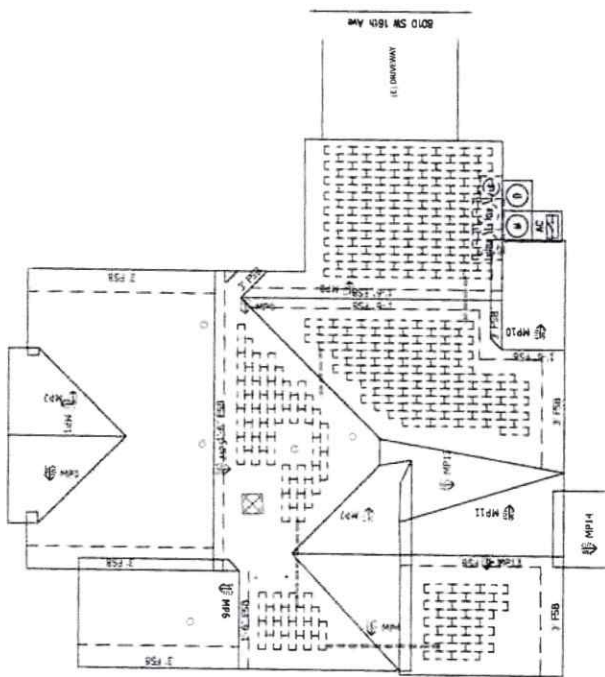
Notes:

Hamilton Home Loans is mortgagee on home

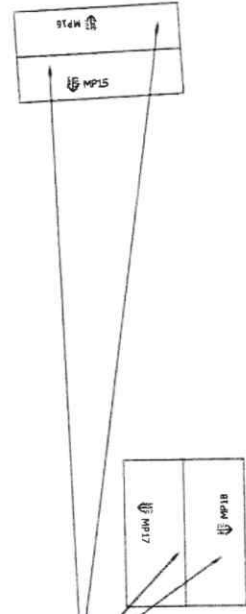
<div>ABBREVIATIONS</div> <div>A AMPERE AC ALTERNATING CURRENT BLDG BUILDING CONC CONCRETE DC DIRECT CURRENT EGC EQUIPMENT GROUNDING CONDUCTOR (E) EXISTING EMT ELECTRICAL METALLIC TUBING FSB FIRE SET-BACK GALV GALVANIZED GFC GROUNDING ELECTRODE CONDUCTOR GND GROUND HOG HOT DIPIPED GALVANIZED I CURRENT Imp CURRENT AT MAX POWER Isc SHORT CIRCUIT CURRENT kVA KILOVOLT AMPERE kW KILOWATT LBW LOAD BEARING WALL MIN MINIMUM (N) NEW NEUT NEUTRAL NTS NOT TO SCALE OC ON CENTER PL PROPERTY LINE POI POINT OF INTERCONNECTION PV PHOTOVOLTAIC SCH SCHEDULE S STAINLESS STEEL STC STANDARD TESTING CONDITIONS TYP TYPICAL UPS UNINTERRUPTIBLE POWER SUPPLY V VOLT Vmp VOLTAGE AT MAX POWER Voc VOLTAGE AT OPEN CIRCUIT W WATT 3R NEMA 3R, RAIN/TIGHT</div>		<div>ELECTRICAL NOTES</div> <div>1. THIS SYSTEM IS GRID-INTERTIED VIA A UL-LISTED POWER-CONDITIONING INVERTER. 2. THIS SYSTEM HAS NO BATTERIES, NO UPS. 3. A NATIONALLY-RECOGNIZED TESTING LABORATORY SHALL LIST ALL EQUIPMENT IN COMPLIANCE WITH ART. 110.3. 4. WHERE ALL TERMINALS OF THE DISCONNECTING MEANS MAY BE ENERGIZED IN THE OPEN POSITION, A SIGN WILL BE PROVIDED. WARNING OF THE HAZARDS PER ART. 690.17. 5. EACH UNGROUNDED CONDUCTOR OF THE MULTIWIRE BRANCH CIRCUIT WILL BE IDENTIFIED BY PHASE AND SYSTEM PER ART. 210.5 6. CIRCUITS OVER 250V TO GROUND SHALL COMPLY WITH ART. 250.97, 250.92(B). 7. DC CONDUCTORS EITHER DO NOT ENTER BUILDING OR ARE RUN IN METALLIC RACEWAYS OR ENCLOSURES TO THE FIRST ACCESSIBLE DC DISCONNECTING MEANS PER ART. 690.31(E). 8. ALL WIRES SHALL BE PROVIDED WITH STRAIN RELIEF AT ALL ENTRY INTO BOXES AS REQUIRED BY UL LISTING.</div>		<div>JURISDICTION NOTES</div> <div>SOLAR ROOF WILL BE INSTALLED OVER BARE SOLID OR CLOSELY FITTED SHEATHING, AS FOLLOWS: -DOC PS-1 COMPLIANT / EXTERIOR GRADE PLYWOOD: MINIMUM 15/32"(11.9 MM) THICK OR -DOC POS-2 OSB SHEATHING: MINIMUM 7/16" THICK (11.1 MM) OR -CLOSELY-FITTED SHEATHING BOARDS: MINIMUM OF 3/4" (19.1 MM) THICK SOLAR ROOF CAN ALSO BE INSTALLED OVER COMPATIBLE EXISTING ROOFS, AS FOLLOWS: -THREE-TAB COMPOSITION SHINGLE, SINGLE LAYER -ARCHITECTURAL COMPOSITION SHINGLE, SINGLE LAYER SOLAR ROOF WILL NOT BE INSTALLED OVER RAISED PRESIDENTIAL-STYLE COMPOSITION SHINGLE, ROOFS WITH MORE THAN ONE LAYER OF COMPOSITION SHINGLE, OR EXISTING NON-COMPOSITION SHINGLE ROOF TYPES LIKE TILED ROOFS.</div>			
<div>LICENSE</div> <div>AHJ: Marion County UTILITY: City of Ocala (FL)</div>		<div>GENERAL NOTES</div> <div>1. ALL WORK SHALL COMPLY WITH THE 2020 FLORIDA BUILDING CODE (7TH EDITION), FLORIDA FIRE PREVENTION CODE (7TH EDITION). 2. ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2017 NATIONAL ELECTRIC CODE.</div>		<div>VICINITY MAP</div> <div></div>		<div>INDEX</div> <div>Sheet 1 COVER SHEET Sheet 2 SITE PLAN Sheet 3 THREE LINE DIAGRAM Sheet 4 SITE PLAN PLACARD Cutsheets Attached</div>	
<div>REV BY DATE COMMENTS</div> <div>REV B LFG 4/15/21 ADD LAYOUT, RELOC NOS, SWAPPED INVERTERS REV C LFG 5/26/21 ADDED FSB REV D GGG 7/28/2021 Inverter's swapped for Tesla</div>		<div>2020 Imagery ©2020, Maxar Technologies, U.S. Geological Survey</div>		<div>REV BY DATE COMMENTS</div> <div>REV B LFG 4/15/21 ADD LAYOUT, RELOC NOS, SWAPPED INVERTERS REV C LFG 5/26/21 ADDED FSB REV D GGG 7/28/2021 Inverter's swapped for Tesla</div>			
<div>JO NUMBER: JB-344339 00</div> <div>WORKING SYSTEM: TESLA SOLAR ROOF</div> <div>MOULDES: (238) Tesla # SR60T1</div> <div>INVERTER: 7.6 kW Tesla Inc 15380000-00-F (240V)</div>		<div>CUSTOMER: Sean Johnson 8010 SW 16th Ave Ocala, FL 34476 3524253737</div>		<div>DESCRIPTION: 13.91586 KW PV ARRAY</div>			
<div>CONFIDENTIAL - THE INFORMATION HEREIN CONTAINED SHALL NOT BE USED FOR THE BENEFIT OF ANYONE EXCEPT TESLA INC, NOR PART TO OTHERS OUTSIDE THE RECIPIENT'S ORGANIZATION, EXCEPT IN CONNECTION WITH THE SALE AND USE OF THE RESPECTIVE TESLA EQUIPMENT, WITHOUT THE WRITTEN PERMISSION OF TESLA INC</div>		<div>DATE: 7/28/2021</div>		<div>1 d 7/28/2021</div>			
<div>TESLA</div>		<div>TESLA</div>		<div>TESLA</div>			

INSTALLATION OF SOLAR ROOF™ REQUIRES A FULL TEAR-OFF OF ALL EXISTING LAYERS OF ROOF COVERING MATERIALS. THE NET INSTALLED WEIGHT OF THE SMOOTH OR TEXTURED SOLAR ROOF™ SYSTEM DOES NOT EXCEED 3.4 PSF. INSTALLER SHALL PERFORM A FULL TEAR-OFF OF ALL EXISTING LAYERS OF ROOFING MATERIAL AND VERIFY EXISTING ROOF FRAMING IS IN SUITABLE CONDITION AND DOES NOT EXHIBIT ANY SIGNS OF STRUCTURAL DAMAGE WHICH MAY DIMINISH THE CAPACITY OF ITS MEMBERS OR CONNECTIONS PRIOR TO COMMENCEMENT OF ROOFING INSTALLATION.

Front Of House



MP15, MP16, MP17, MP18 WON'T BE RE-ROOFED



LEGEND

- (E) UTILITY METER & WARNING LABEL
- INVERTER W/ INTEGRATED DC DISCO & WARNING LABELS
- DC DISCONNECT & WARNING LABELS
- AC DISCONNECT & WARNING LABELS
- DC JUNCTION/COMBINER BOX & LABELS
- DISTRIBUTION PANEL & LABELS
- LOAD CENTER & WARNING LABELS
- DEDICATED PV SYSTEM METER
- RAPID SHUTDOWN
- STANDOFF LOCATIONS
- CONDUIT RUN ON EXTERIOR
- CONDUIT RUN ON INTERIOR
- GATE/FENCE
- HEAT PRODUCING VENTS ARE RED
- INTERIOR EQUIPMENT IS DASHED

SITE PLAN

Scale: 1/16" = 1'



LOCATION
Santiago Da Silva

DESCRIPTION
13.91586 KW PV ARRAY

CUSTOMER
Sean Johnson
8010 SW 16th Ave
Ocala, FL 34476

JOB NUMBER: JB-344339 00

CONFIDENTIAL - THE INFORMATION HEREIN CONTAINED SHALL NOT BE USED FOR THE BENEFIT OF ANYONE EXCEPT TESLA INC. OR ITS AFFILIATES. TESLA INC. AND ITS AFFILIATES SHALL NOT BE LIABLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY, INCLUDING THE RESIDENT'S ORGANIZATION, EXCEPT IN CONNECTION WITH THE SALE AND USE OF THE RESPECTIVE TESLA EQUIPMENT, WITHOUT THE WRITTEN PERMISSION OF TESLA INC.

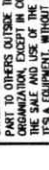
SHEET: 2

REV: DATE

FACE NAME: SITE PLAN

3524253737

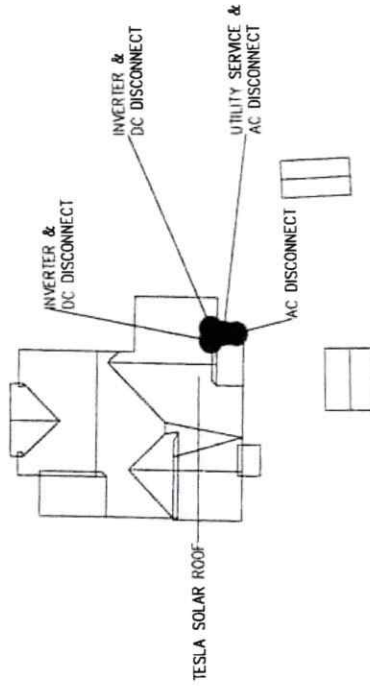
7.6 kW Tesla Inc 1538000-00-F (240V)



SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

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

Address: 8010 SW 16th Ave



OPERATING VOLTAGE = 240

JB-344339-00

-(1) Site Plan Record
Custom the plan placard

<small>CONFIDENTIAL - THE INFORMATION HEREIN CONTAINED SHALL NOT BE USED FOR THE BENEFIT OF ANYONE EXCEPT TESLA INC. NOR SHALL IT BE DISCLOSED TO ANY OTHER PARTY TO OTHERS OUTSIDE THE RESIDENT'S ORGANIZATION EXCEPT IN CONNECTION WITH THE SALE AND USE OF THE RESPECTIVE TESLA EQUIPMENT, WITHOUT THE WRITTEN PERMISSION OF TESLA INC.</small>		JOB NUMBER: JB-344339 00 WORKING SYSTEM: TESLA SOLAR ROOF MODEL: (2.36) Tesla # SR6011 INVERTER: 7.6 kW Tesla Inc 1538000-00-F (240V)	CUSTOMER: sean johnson 8010 SW 16th Ave Ocala, FL 34476 3524253737	DESCRIPTION: 13.91586 KW PV ARRAY SITE PLAN PLACARD	DESIGN: Santiago Da Silva SHEET: 4 REV: 4 DATE: 7/28/2021	TESLA
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<p>WARNING PHOTOVOLTAIC POWER SOURCE</p> <p>PHOTOVOLTAIC DC DISCONNECT</p> <p>MAXIMUM POWER POINT CURRENT (I_{mp}) MAXIMUM POWER POINT VOLTAGE (V_{mp}) MAXIMUM SYSTEM VOLTAGE (V_{oc}) SHORT-CIRCUIT CURRENT (I_{sc})</p>	<p>Label Location: (C)(CB)(JB) Per Code: NEC 690.31.G.3</p> <p>Label Location: (DC) (INV) Per Code: NEC 690.13.B</p>	<p>WARNING ELECTRIC SHOCK HAZARD DO NOT TOUCH TERMINALS ON BOTH LINE AND LOAD SIDES IN THE OPEN POSITION</p>	<p>Label Location: (AC)(POI) Per Code: NEC 690.13.B</p>	<p>WARNING ELECTRIC SHOCK HAZARD THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUND AND MAY BE ENERGIZED</p>	<p>Label Location: (DC) (INV)</p>
<p>WARNING ELECTRIC SHOCK HAZARD IF A SHORT-CIRCUIT IS INDICATED CONDUCTORS MAY BE UNGROUND AND ENERGIZED</p>	<p>Label Location: (DC) (INV) Per Code: 690.41.B</p>	<p>PHOTOVOLTAIC POINT OF INTERCONNECTION WARNING: ELECTRIC SHOCK HAZARD DO NOT TOUCH TERMINALS OR BOTH THE LINE AND LOAD SIDE MAY BE ENERGIZED IN THE OPEN POSITION FOR SERVICE DE-ENERGIZE BOTH SOURCE AND MAIN BREAKER PV POWER SOURCE MAXIMUM AC OPERATING CURRENT MAXIMUM AC OPERATING VOLTAGE</p>	<p>Label Location: (POI) Per Code: CEC 690.13.B</p>	<p>CAUTION DUAL POWER SOURCE SECOND SOURCE IS PHOTOVOLTAIC SYSTEM</p>	<p>Label Location: (POI) Per Code: NEC 705.12.B.3</p>
<p>WARNING ELECTRICAL SHOCK HAZARD DO NOT TOUCH TERMINALS ON BOTH LINE AND LOAD SIDES IN THE OPEN POSITION DC VOLTAGE IS ALWAYS PRESENT WHEN SOLAR MODULES ARE EXPOSED TO SUNLIGHT</p>	<p>Label Location: (DC) (CB) Per Code: CEC 690.13.B</p>	<p>CAUTION PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFEED</p>	<p>Label Location: (D) (POI) Per Code: NEC 690.64.B.4</p>	<p>CAUTION PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFEED</p>	<p>Label Location: (D) (POI) Per Code: NEC 705.12.B.2.3.b</p>
<p>PHOTOVOLTAIC AC DISCONNECT</p> <p>MAXIMUM AC OPERATING CURRENT MAXIMUM AC OPEN CATHOD VOLTAGE</p>	<p>Label Location: (AC) (POI) Per Code: NEC 690.13.B</p>	<p>WARNING INVERTER OUTPUT CONNECTION DO NOT RELOCATE THIS OVER-CURRENT DEVICE</p>	<p>Label Location: (POI) Per Code: NEC 705.12.B.2.3.b</p>	<p>(AC): AC Disconnect (C): Conduit (CB): Combiner Box (D): Distribution Panel (DC): DC Disconnect (IC): Interior Run Conduit (INV): Inverter With Integrated DC Disconnect (LC): Load Center (M): Utility Meter (POI): Point of Interconnection</p>	
Label Set					

POWERWALL Backup Gateway 2

The Backup Gateway 2 for Tesla Powerwall provides energy management and monitoring for solar self-consumption, time-based control, and backup. The Backup Gateway 2 controls connection to the grid, automatically detecting outages and providing a seamless transition to backup power. When equipped with a main circuit breaker, the Backup Gateway 2 can be installed at the service entrance. When the optional internal panelboard is installed, the Backup Gateway 2 can also function as a load center.

The Backup Gateway 2 communicates directly with Powerwall, allowing you to monitor energy use and manage backup energy reserves from any mobile device with the Tesla app.

PERFORMANCE SPECIFICATIONS

AC Voltage (Nominal)
Feed-In Type
Grid Frequency
Current Rating
Maximum Input Short Circuit Current
Overcurrent Protection Device
Overvoltage Category
AC Meter
Primary Connectivity
Secondary Connectivity
User Interface
Operating Modes
Backup Transition
Modularity
Optional Internal Panelboard
Warranty

MECHANICAL SPECIFICATIONS

Dimensions
Weight
Mounting options
660
411
149

COMPLIANCE INFORMATION

Certifications
Emissions

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature
Operating Humidity (RH)
Maximum Elevation
Endorsement
Enclosure Type

MCI WIRING DETAIL

GENERAL NOTES

- DRAWING OF STANDARD MCI WIRING DETAIL FOR ANY GIVEN STRING LENGTH
- IF INITIATED, RAPID SHUTDOWN OCCURS WITHIN 30 SECONDS OF ACTIVATION AND LIMITS VOLTAGE ON THE ROOF TO NO GREATER THAN 165V (690.12.B.2.1)
- MID CIRCUIT INTERRUPTER (MCI) IS A UL 1741 PVRSE CERTIFIED RAPID SHUTDOWN DEVICE (RSD)

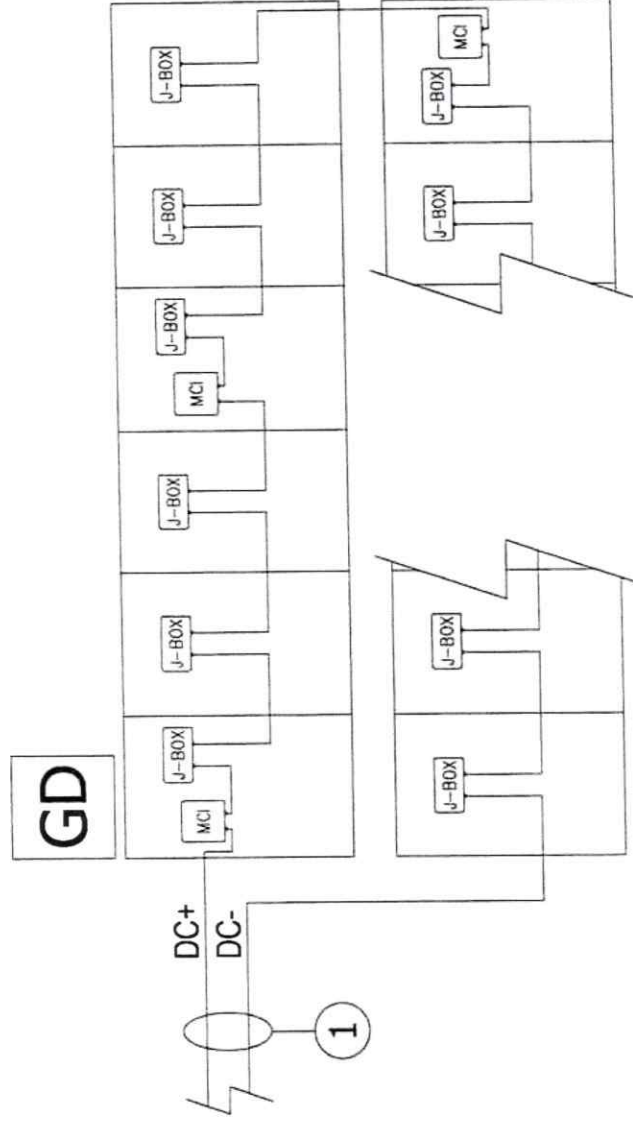
RETROFIT PV MODULES

- MCIS ARE LOCATED AT ROOF LEVEL, JUST UNDER THE PV MODULES IN ACCORDANCE WITH 690.12 REQUIREMENTS
- THE QUANTITY OF MCIS PER STRING IS DETERMINED BY STRING LENGTH
 - NUMBER OF MODULES BETWEEN MCI UNITS = 0–3
 - MAXIMUM NUMBER OF MODULES PER MCI UNIT = 3
 - MINIMUM NUMBER MCI UNITS = MODULE COUNT/3

*Exception: Tesla (Longi) modules installed in locations where the max Voc for 3 modules at low design temperature exceeds 165V shall be limited to 2 modules between MCIs.

PLEASE REFER TO MCI CUTSHEET AND PVRSA INSERT FOR MORE INFORMATION

TESLA



DC

1 (2) AWG, PV Wire, 600V, Black

MCI WIRING DETAIL

GENERAL NOTES

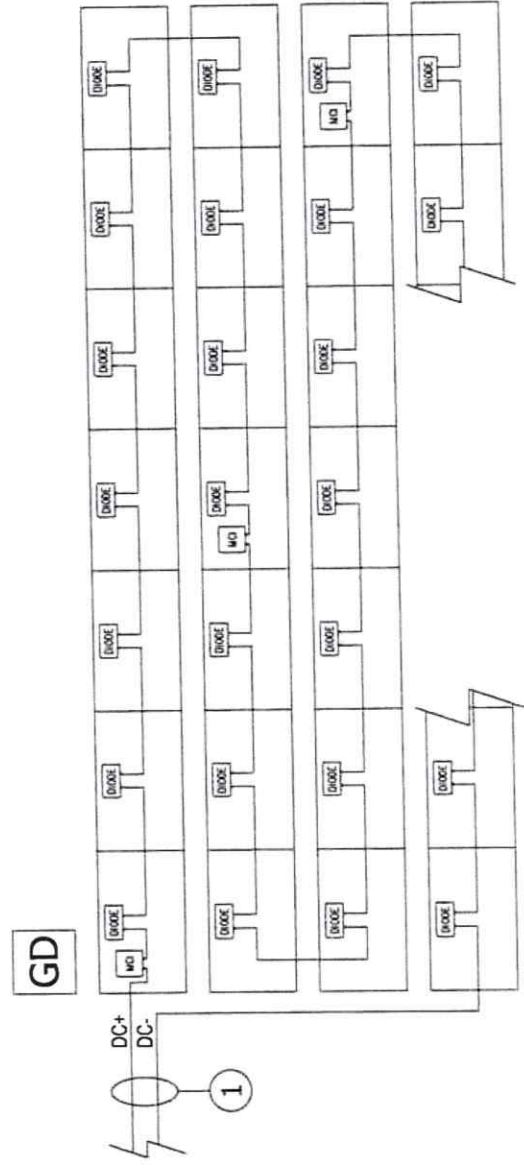
- DRAWING OF STANDARD MCI WIRING DETAIL FOR ANY GIVEN STRING LENGTH
- IF INITIATED, RAPID SHUTDOWN OCCURS WITHIN 30 SECONDS OF ACTIVATION AND LIMITS VOLTAGE ON THE ROOF TO NO GREATER THAN 165V (690.12.B.2.1)
- MID CIRCUIT INTERRUPTER (MCI) IS A UL 1741 PVRSE CERTIFIED RAPID SHUTDOWN DEVICE (RSD)

SOLAR ROOF TILES

- MCIS ARE LOCATED AT DECK LEVEL, JUST UNDER THE TILES IN ACCORDANCE WITH 690.12 REQUIREMENTS
- THE QUANTITY OF MCIS PER STRING IS DETERMINED BY STRING LENGTH
 - NUMBER OF TILES BETWEEN MCI UNITS = 0-10
 - MAXIMUM NUMBER OF TILES PER MCI UNIT = 10
 - MINIMUM NUMBER MCI UNITS = TILE COUNT/10

PLEASE REFER TO MCI CUTSHEET AND PVRSA INSERT FOR MORE INFORMATION

TESLA



DC

1 (2) AWG, PV Wire, 600V, Black

SOLAR INVERTER

For detailed installation instructions, see the complete installation manual with all the necessary information, including the solar inverter, solar panel, inverter, and other components, to provide a complete and accurate installation.

KEY FEATURES

- Integrated surge shutdown, anti-fault and ground fault protection
- The inverter wire simplifies installation

ELECTRICAL SPECIFICATIONS

Model	1534000-XX-Y
Power	3.2 kW

Nominal Power

Maximum Apparent Power

Maximum Continuous Current

Breaker (Overcurrent Protection)

Nominal Power Factor

THD (at Nominal Power)

OUTPUT (DC)

MPPT

Input Connectors per MPPT

Maximum Input Voltage

DC Input Voltage Range

DC Input Voltage Range

Maximum Current per MPPT (I_{MPP})

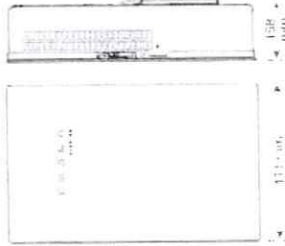
Maximum Short Circuit Current per MPPT (I_{SC})

PERFORMANCE SPECIFICATIONS

Peak Efficiency	98.5%
CEC Efficiency	98.2%
Allowable DC/AC Ratio	1:1
Customer Interface	1:1
Internet Connectivity	1:1
AC Remote Metering Support	1:1
Protections	1:1
Supported Grid Types	1:1
Required Number of Tesla Solar Shutdown Devices per Solar Module	1:1
Warranty	1:1

MECHANICAL SPECIFICATIONS

Dimensions	1534000-XX-Y
Weight	1.5 kg
Mounting options	1:1



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C to 60°C
Operating Humidity (RH)	5% to 95%
Storage Temperature	-40°C to 125°C
Maximum Elevation	3000 m
Environment	1:1
Enclosure Rating	1:1
Ingress Rating	1:1
Pollution Rating	1:1
Operating Noise @ 1 m	1:1

COMPLIANCE INFORMATION

Grid Certifications	1:1
Safety Certifications	1:1
Emissions	1:1

SOLAR SHUTDOWN DEVICE

The Tesla Solar Shutdown Device is part of the PV system rapid shutdown (RSD) function in accordance with Article 690 of the applicable NEC. When paired with the Tesla Solar Inverter, solar array shutdown is initiated by any loss of AC power.

ELECTRICAL SPECIFICATIONS

Nominal Input DC Current Rating (I_{DC})	1:1
Maximum Input Short Circuit Current (I_{SC})	1:1
Maximum System Voltage	1:1

RSD MODULE PERFORMANCE

Maximum Number of Devices per String	1:1
Control	1:1
Passive State	1:1
Maximum Power Consumption	1:1
Warranty	1:1

COMPLIANCE INFORMATION

Certifications

PVRSR

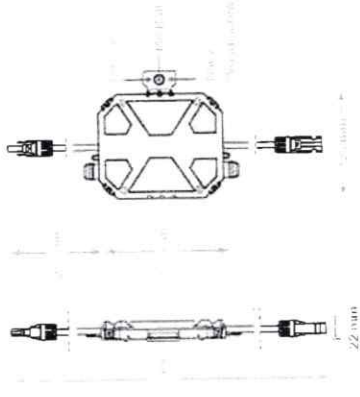
RSD Initiation Method
Compatible Equipment

ENVIRONMENTAL SPECIFICATIONS

Ambient Temperature	1:1
Storage Temperature	1:1
Enclosure Rating	1:1

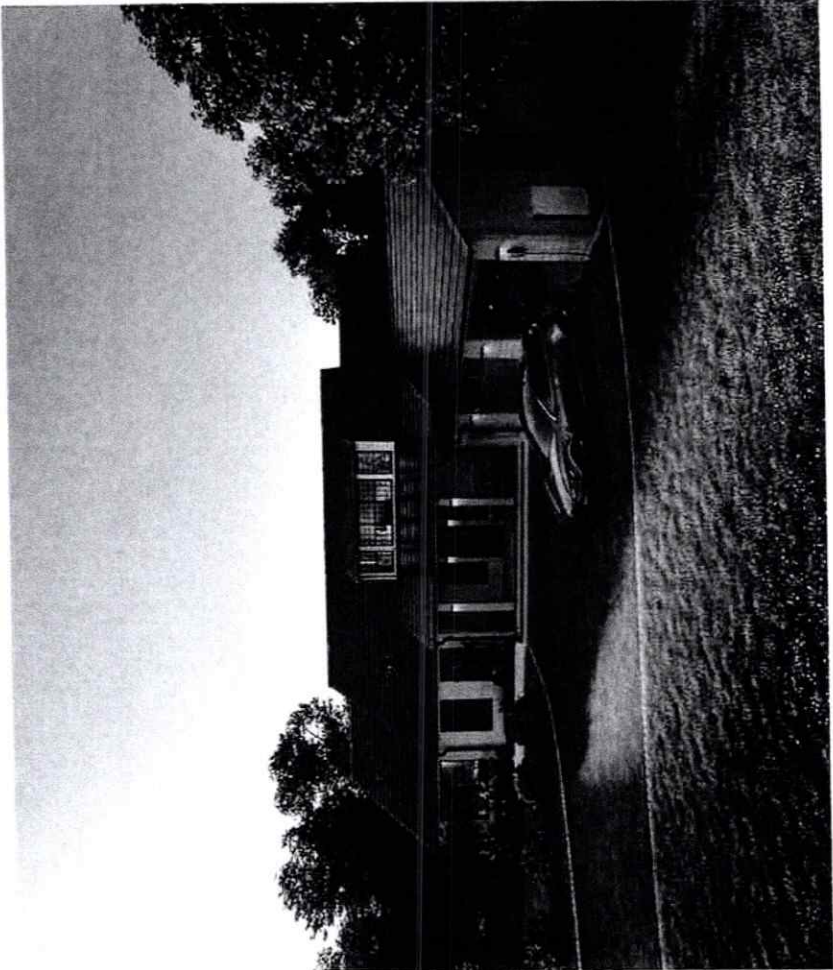
SOLAR SHUTDOWN DEVICE REQUIREMENTS PER MODULE

Model	1:1
Board	1:1
Required Solar Shutdown Devices	1:1
Warranty	1:1



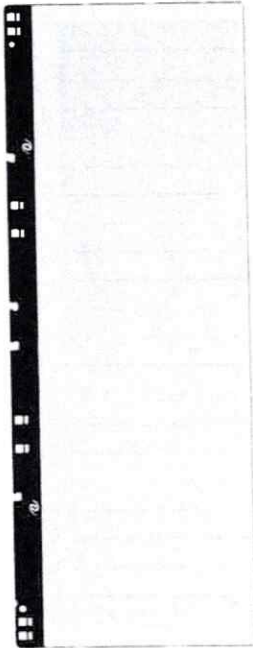
SOLAR ROOF
DATASHEET

FOR FULL TEAR-OFF AND OVERLAY INSTALLATIONS



14-CELL PV MODULE

MODEL #: SR60T1



ELECTRICAL SPECIFICATIONS

Maximum open circuit voltage rating of connected branch circuits per diode (at STC): 13.34 V

Maximum series fuse rating: 10 A

Maximum system voltage: 600 V

Irradiance (W/m ²)	Temp. (Celsius)	Voc (V)	Vmp (V)	Isc (A)	Imp (A)	Pmax (W)
1000	25	13.34	10.99	5.65	5.32	58.47

These electrical characteristics are within ± 5% of the indicated values of Isc, Voc, and Pmax under standard test conditions (irradiance of 1000 W/m², AM 1.5 spectrum, and a cell temperature of 25 °C or 77 °F)

MECHANICAL SPECIFICATIONS

Dimensions: 430 mm x 1140 mm

Thickness: Appx. 5 mm module thickness with 35.3 mm maximum height from deck

Principal Materials: Glass, Polymers, Fiberglass and Silicon

Installed System Weight: Textured Glass: 15 kg/m² or 3.1 psf

(Installed weight includes all components of system above roof sheathing or existing roof covering)

ROOF PITCH RANGE

2:12 - 24:12

Certain features can be installed up to 62:12

CERTIFICATIONS

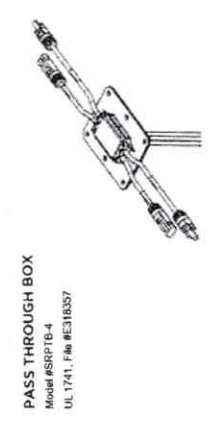
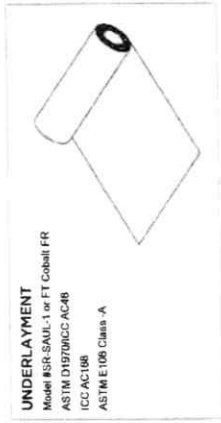
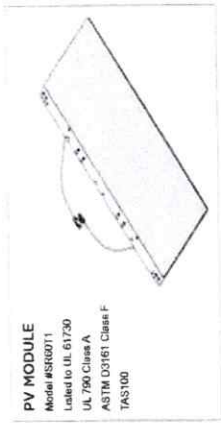
UL 61730 (UL Listed); UL 9703 (UL Listed); UL 1741 (UL Listed)

UL 790 Class A (ETL Listed); ASTM D3161 Class F (ETL Listed); TAS100 (ETL Listed)

Solar Roof will be installed over bare solid or closely fitted sheathing, as follows:

- Solar Roof can also be installed over compatible existing roofs, as follows:

- Solar Roof will not be installed over raised presidential-style composition shingle, roofs with more than one layer of composition shingle, or existing non-composition shingle roof types like tiled roofs



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