

Ameren Missouri 2022 Net Metering Report

12/31/2021

Total Net Metering Customers	6,233	
Total Net Metered Generator Capacity	91,028	kW
Total net kWh Received by Ameren Missouri	5,109,641	kWh

Web 1a - <https://www.ameren.com/missouri/company/environment-and-sustainability/solar/application-process#sts=Application%20Process>

Web 1b - <https://www.ameren.com/-/media/missouri-site/files/environment/solar/net-metering-checklist.pdf?la=en-us-mo&hash=CF98DD6408FB2F54CCA0F4471E5B81333EC13DE4>

Web 2a - <https://ameren-solarrebate.programprocessing.com/content/home>

Web 2b - <https://ameren-solarrebate.programprocessing.com/programapplication/?ft=50380C534530477C9D5806D7D584BF2C>

Tariff – Net Metering - <https://www.ameren.com/-/media/rates/files/missouri/uecsheet171eppnetmetering.pdf>

Tariff – Solar Rebate - <https://www.ameren.com/-/media/rates/files/missouri/uecsheet88ridersrsolarrebate.pdf>



Application Process

Apply for Solar Rebates

Please refer to the [Net Metering Application/Agreement](#) and the Net Metering [Requirements Checklist](#) when completing the application steps. View the complete Net Metering Tariff (which includes prices for excess energy) if your system is below 100 kW. View the complete [Qualifying Facilities Tariff](#).

Ameren Missouri reviews the interconnection application system designs and replies to the customer within 30 days (10 kilowatt (kW) and below systems) or 90 days (11 kW - 100 kW systems). If more information is needed, Ameren Missouri contacts the installer via email to request specific information. The 30 or 90 days to reply does not begin until all information is received.

When the system is approved, Ameren Missouri will email the customer and installer a design approval letter that approves the customer to proceed with system installation.

Customers who have submitted applications can check their [Solar Credit Project Status \(PDF\)](#).

[Apply for Rebates](#)

Apply Online for your Interconnection Application or Solar Rebates

Feedback

.cls-1, .cls-2, .cls-3 { fill: #fff; } .cls-1, .cls-2, .cls-3 { fill-rule: evenodd; }
logo_ameren_default

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Interconnection Application Requirements Checklist

A. Customer-Generator's Information

This section is exclusively information about the Ameren Missouri customer.

- Please include email address (this is our primary way of communicating with you)*
- Company Account No., Name and Service Address fields must match the Ameren Missouri electric bill.

B. Customer-Generator's System Information

- Generator should be sized to offset part or all of customer's own electrical energy requirements (not larger than property's electrical requirements). This applies to Net Metering Customers only.
- Components must be either UL or IEEE certified
- Specific location or inverter/interconnection equipment
- Required AC disconnect switch located within 10' of the utility meter and is visible and accessible to Ameren Missouri personnel at all times. If AC disconnect is further than 10', Ameren approval is required and if Ameren approves the exception specific location on weather-proof placard must be permanently affixed to the utility meter.

C. Installation Information/Hardware and Installation Compliance

- Please include email address (this is our primary way of communicating with you)*
- Installer's check box signature required

D. Additional Terms and Conditions

- Customer's check box signature required

▶ Submit one-line wiring diagram

- One-line wiring diagram (8 1/2" x 11" legible document required) should show wiring from renewable system to the utility service - [Samples](#)
- Indicate specific location of each component:
 - Renewable system (solar or wind turbine)
 - All disconnect switches (required AC disconnect switch located near the utility meter and is visible and accessible to Ameren Missouri personnel at all times) note on drawing specifically where this disconnect is located. Please be very specific. Must be within 10' of the electric billing meter. If not, state specific reason why it is not for the review/approval process.
 - Inverter(s)
 - Main panel
 - Bi-directional meter
 - Incoming utility service

▶ Submit specification sheets for each component

- Solar panel spec sheets or wind turbine specification sheets
- Inverter specification sheets

Customer Owned Solar

[Program Home](#)[Apply Now](#)[My Applications](#)[Cancel Application](#)[Contact Us](#)

Apply for your Solar
Rebate today!

[Apply Here](#)

Ameren Missouri customers can apply on line for the required solar rebate application, Net metering, and Qualifying Facilities applications for customer owned generation. For details regarding each application please visit www.Amerensolar.com.

- For requirements to begin the application process, click on [APPLY NOW](#) on the menu options from the top of this page. Please note that you will need to create a user name and password prior to entering an application.
- If you are a returning customer, click on the [MY APPLICATIONS](#) link on the left side of this page. This will allow you to manage all submitted net metering applications.
- If you are applying for a solar rebate you will receive an email confirmation stating if there are funds available. You do not need to include an interconnection agreement when applying for a solar rebate. If you receive solar rebate commitment you must submit an interconnection application within 60 days. If you do not submit a complete interconnection application within 60 days of receiving a solar rebate commitment your solar rebate commitment will expire.
- Ameren Missouri will review your renewable project prior to installation/operation to confirm safety, reliability, and quality of the customer owned generation.
 - [Solar Rebate Tariff](#)
 - [Net Metering Tariff](#)
 - [Qualifying Facilities Tariff](#)
- [Become a Fast Track Installer](#)

Ameren Missouri is offering a new program for solar installers called Fast Track Installer. This program allows installers to participate in on line training on Ameren Missouri's documents and requirements for solar and complete 5 installations with no issues. After these requirements are met, this will allow an installer to receive instant design approval for solar interconnection applications 25 kW and below for Residential customers only.



Customer Owned Solar

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Solar Rebate and Interconnection On-line Application

Thank you for your interest in this program.

This online application is used to apply for Solar Rebates and Renewables Interconnections with Ameren Missouri. The applications can be submitted in any order and do not have to be completed at the same time.

Solar rebates are available for residential systems up to 25 kW and non-residential systems up to 150 kW. Systems greater than 100 kW must complete the Qualifying Facility application as they do not qualify for net metering.

Please review the table below to determine the appropriate interconnection application for your solar installation and understand program differences:

	Net Metering	Qualifying Facility(QF)
Maximum System Size	Maximum size for net metering for residential or commercial is 100 kW.	Maximum size for qualifying facility for residential or commercial is 100 kW and above.
Online Application	Yes	Yes, for systems up to 1000 kW. For larger systems, contact us at amerenrenew@appliedenergygroup.com
Billing	The customer is billed for the difference of what they received from Ameren Missouri and what they delivered to Ameren Missouri. If more is delivered than received the customer will receive a credit on their energy statement. Net Metering Tariff	The customer must choose one of the following: (1) No excess energy will be purchased and no metering equipment will be installed. Any energy delivered to Ameren Missouri will not be measured and the customer will not be compensated for this energy. (2) A bi-directional meter is installed and any energy delivered by the customer to Ameren Missouri will be purchased at the tariff rate. *No netting occurs. Any energy that flows to Ameren Missouri is purchased by Ameren Missouri. Qualifying Facility Tariff
Bi-directional Meter	This is one time charge on the customer's energy statement.	If the customer has chosen sales of excess production to Ameren Missouri the bi-directional meter is billed monthly on the energy statement.

If you receive solar rebate commitment email you must complete an interconnection application within 90 days of receipt. If Ameren Missouri does not receive a complete interconnection application within 90 days your solar rebate commitment WILL EXPIRE.

Solar rebates are calculated by taking the system size (kW) x \$500. This is valid from January 1, 2019 - June 30, 2019 through December 31, 2023, solar rebates will be calculated by taking the system size (kW) X \$250.

To apply for a solar rebate, the following is required:

1. Customer Name/Address as it appears on the Ameren Missouri Energy Statement
2. Photo (front/back)
3. Email address
4. Account Number
5. Completed W9 uploaded with rebate application. **The Taxpayer ID number and Name must match IRS records when validated. Failure to provide this information may delay solar rebate processing.**
6. Completed On-Line Diagram
7. Number and DC rating of Panels
8. DC rating of inverter
9. Installer name, address, and contact information

Solar Rebate Tariff

Section 81F

Are you ready to begin your application?

[Single Application](#)



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APPLYING TO MISSOURI SERVICE AREA

ELECTRIC POWER PURCHASES

ELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS

1. BILLING

a. Energy Pricing and Billing

Each billing period, Company shall measure the net electrical energy produced or consumed and bill the Customer-Generator as follows:

- i. If the electricity supplied by Company exceeds the electricity supplied by the Customer-Generator to Company, Company's bill will reflect the net electricity supplied by Company and the Customer-Generator's current service classification.
- ii. If the electricity supplied by Company is less than the electricity supplied by the Customer-Generator to Company, Company's bill will include a credit for the net electricity received by Company in accordance with the Net Metering Rate (Avoided Fuel Cost) in Section 1.c) below.

b. Minimum Bill

Net metering does not modify or eliminate any Customer obligation(s) or billing provision(s) of the Customer's current rate schedule for delivery of electric power and energy such as the Customer Charge or any minimum billing demand (if applicable).

c. *Net Metering Rate (Avoided Fuel Cost)

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Summer 2.87¢ per kWh

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Winter 2.84¢ per kWh

The above rates are updated during each odd-numbered year with the update typically effective February 15.

*Indicates Change.

DATE OF ISSUE January 15, 2021 DATE EFFECTIVE February 14, 2021

ISSUED BY Martin J. Lyons Chairman & President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.1CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 171.1APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)***2. APPLICATION**

This tariff applies to Company purchases of electric energy from Qualified Net Metering Units (hereinafter referred to as "Customer-Generator") under the provisions of Section 386.890RSMo. the 'Net Metering and Easy Connection Act'. The Customer-Generator must meet the general technical requirements, testing requirements, and liability requirements listed under the provisions of Section 386.890RSMo. the 'Net Metering and Easy Connection Act', as well as the requirements specified in the Customer-Generators' applicable rate class under the Company's Schedule 6 - Schedule of Rates for Electric Service. Service under this rate shall be evidenced by a contract between Customer-Generator and the Company per the Interconnection Application/Agreement for Net Metering Systems With Capacity of 100 kW or less.

The availability of net metering is limited to those types of generation that have been certified by the Missouri Department of Economic Development's Division of Energy as renewable energy resources and which is intended primarily to offset part or all of the customer-generator's own electrical energy requirements. Net metering cannot be elected in conjunction with "Optional Time-of-Day Rate" service of any of Company's rate schedule.

Company will provide net metering service until the total rated generating capacity used by Customer-Generators is equal to or in excess of five percent (5.0%) of Company's single-hour peak load during the previous year. However in a given calendar year, no retail electric supplier shall be required to approve any application for interconnection if the total rated generating capacity of all application for interconnection already approved to date by said supplier in said calendar year equals or exceeds one percent (1.0%) of said supplier's single-hour peak load for the previous calendar year.

3. CONTRACT

Whether or not purchases are made by Company under the standard rates, Company shall not be required to make any purchase from Customer-Generator until Company and Customer-Generator have entered into a written contract for such purchases.

4. GENERAL RULES AND REGULATIONS

All provisions of this tariff are subject to all Commission rules and regulations as may be revised from time-to-time. All terms of the tariff are also subject to the Commission's normal complaint and arbitration procedures.

*Indicates Change

DATE OF ISSUE	<u>March 13, 2017</u>	DATE EFFECTIVE	<u>April 12, 2017</u>
ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC POWER PURCHASES

ELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)

GUIDELINE TECHNICAL REQUIREMENTS FOR PARALLEL OPERATION WITH THE COMPANY'S SYSTEM

Introduction

The minimum technical requirements for safe parallel operation of Customer-Generator's electrical generating facilities with the Company's system are set forth below. These requirements will serve as a guide for Company and Customer-Generator engineering when planning such an installation; however, it is recognized that each installation may have specific requirements other than those set forth herein as a result of each installation's unique nature.

General Technical Requirements

1. Protection

Customer-Generator shall install protective devices capable of detecting fault conditions on both his system and the Company's system. These devices will separate Customer-Generator's system from the Company's system either directly or through an auxiliary device such as a circuit breaker. The separating device must be capable of interrupting the available fault current. The detection sensitivity and operating speed of these devices must be compatible with protective devices on the Company's system.

The Customer-Generator shall install equipment designed to automatically separate his system from the Company's system upon loss of the normal Company supply.

The Customer-Generator is responsible for protecting Customer-Generator's equipment in such a manner that faults or other disturbances on the Company's system or on Customer-Generator's system do not cause damage to his equipment.

Customer-Generator shall furnish information to Company regarding his proposed generation equipment and protective devices prior to parallel operation. Company will check the adequacy of this proposed equipment and its compatibility with protective devices on the Company's system and will either approve as submitted or specify additional equipment which will be required in order to begin parallel operation with the Company's system.

All protective relay settings that would affect any Company system relay settings will be specified by Company. These relays will be initially calibrated by Company to assure proper operation.

A manual visible disconnect switch must be provided which is under the exclusive jurisdictional control of the Company's dispatcher. This manual switch must have the capability to be locked out of service by a Company-authorized switchman.

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 171.3

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)General Technical Requirements (Cont'd.)1. Protection (Cont'd.)

The above statements are the basic minimum protection requirements that would be associated with parallel generation. Additional requirements and/or equipment would depend on an in-depth study of each proposed connection.

2. Operation

Under certain conditions the intertie breaker (if one is required) must be operated by Customer-Generator in order for Company to operate the manual disconnect switch. Company may request this action for any of the following reasons:

- a. System emergency.
- b. Inspection of Customer-Generator's generating equipment or protective equipment reveals an unsafe condition.
- c. Customer-Generator's generating equipment interferes with other customers or with the operation of the Company's system.
- d. An outage is scheduled on the Company's supply circuit or feeder.

Customer-Generator shall be solely responsible for properly synchronizing his generating equipment with the Company's frequency and voltage. This includes resynchronizing his generator(s) after system outages or disturbances.

3. Quality of Service

The interconnection of Customer-Generator's generating equipment with the Company's system shall not cause any reduction in the quality of service being provided to other customers or cause any undesirable effect on any Company facilities. Such interconnection shall be pursuant to the latest revision of IEEE 519 and IEEE 1547.

The power factor of Customer-Generator's load with his generating equipment connected shall not be less than that specified by retail tariff for his applicable customer class.

4. Metering and/or Additional Distribution Equipment

The revenue metering for Net Metering shall be sufficient to measure the net amount of electrical energy produced or consumed by the Customer-Generator. If the Customer-Generator's existing meter equipment does not meet these requirements or if it is necessary for Company to install additional distribution equipment to accommodate the Customer-Generator's facility, the Customer-Generator shall reimburse the Company for the costs to purchase and install the necessary additional equipment.

DATE OF ISSUE May 31, 2013 DATE EFFECTIVE June 30, 2013ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

ELECTRIC POWER PURCHASES

ELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)

General Technical Requirements (Cont'd.)

4. Metering and/or Additional Distribution Equipment (Cont'd.)

At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing periods. Net Metering cannot occur until the installation of such meter(s) and/or additional distribution equipment has been completed.

5. Other Requirements

All Customer-Generator installations shall adhere to any applicable requirements of the National Electrical Safety Code, the National Electric Code, Institute of Electrical and Electronics Engineers (IEEE), Underwriters Laboratories (UL), local electric codes, applicable NEMA codes, OSHA, and Company's Electric Service Rules as set forth in published tariffs.

*6. Approval of Submitted Application and Design

Company will approve or reject the application and design submitted by Customer. If an application or design and the supporting documentation are materially incomplete, the application will be invalid and rejected and the customer and developer will be so notified.

Company will notify the customer and developer of any application or design deficiencies, errors or omissions identified or clarifications requested by Company.

Company will post information on its website www.ameren.com indicating what is required for an application to be considered complete as well as guidance regarding the types of deficiencies, errors, omissions or clarifications that, if corrected, will not result in a rejection.

*Indicates Change

DATE OF ISSUE July 27, 2018 DATE EFFECTIVE August 28, 2018

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.5CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 171.5APPLYING TO MISSOURI SERVICE AREA**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS
WITH CAPACITY OF 100 kW OR LESS*****Union Electric d/b/a Ameren Missouri (Company) Address:**

One Ameren Plaza
 1901 Chouteau Avenue
 P.O. Box 66149, MC 921
 St. Louis MO 63103
 Att: General Executive, Renewables

***For Customers Applying for Interconnection:**

If you are interested in applying for interconnection to Company's electrical system, you should first contact Company and ask for information related to interconnection of parallel generation equipment to Company's system and you should understand this information before proceeding with this Application.

If you wish to apply for interconnection to Company's electrical system, please complete sections A, B, C, and D, and attach the plans and specifications including, but not limited to, describing the net metering, parallel generation, and interconnection facilities (hereinafter collectively referred to as the "Customer-Generator's System") and submit them to Company at the address above.

The Company will provide notice of approval or denial within thirty (30) days of receipt by Company for Customer-Generators of ten kilowatts (10 kW) or less and within ninety (90) days of receipt by Company for Customer-Generators of greater than ten kilowatts (10 kW). If this Application is denied, you will be provided with the reason(s) for the denial. If this Application is approved and signed by both you and Company, it shall become a binding contract and shall govern your relationship with Company.

***For Customers Who Have Received Approval of
Customer-Generator System Plans and Specifications:**

After receiving approval of your Application, it will be necessary to construct the Customer-Generator System in compliance with the plans and specifications described in the Application, complete sections E and F of this Application, and forward this Application to Company for review and completion of section G at the address above. Prior to the interconnection of the qualified generation unit to Company's system, the Customer-Generator will furnish Company a certification from a qualified professional electrician or engineer that the installation meets the plans and specification described in the application. If a local Authority Having Jurisdiction (AHJ) requires permits or certifications for construction or operation of the qualified generation unit, a Customer-Generator must show the permit number and approval certification to Company prior to interconnection. If the application for interconnection is approved by Company and the Customer-Generator does not complete the interconnection within one (1) year after receipt of notice of the approval, the approval shall expire and the Customer-Generator shall be responsible for filing a new application.

*Indicates Change

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017
 ISSUED BY Michael Moehn President St. Louis, Missouri
 NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 171.6
 CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.6

APPLYING TO MISSOURI SERVICE AREA

INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS (Cont'd.)

***For Customers Who Have Received Approval of Customer-Generator System Plans and Specifications (Cont'd.):**

Within 21 days of when the Customer-Generator completes submission of all required post construction documentation, including sections E&F, other supporting documentation and local AHJ inspection approval (if applicable) to Company, Company will make any inspection of the Customer-Generators interconnection equipment or system it deems necessary and notify the Customer-Generator:

1. That the bidirectional meter has been set and parallel operation by Customer-Generator is permitted; or
2. That the Company's inspection identified no deficiencies and the bidirectional meter installation is pending; or
3. That the Company's inspection identified no deficiencies and the timeframe anticipated for Company to complete all required system or service upgrades and install the bidirectional meter; or
4. Of all deficiencies identified during the Company's inspection that need to be corrected by the Customer-Generator before parallel operation will be permitted; or
5. Of any other issue(s), requirement(s) or conditions(s) impacting the installation of the bidirectional meter or the parallel operation of the system.

***For Customers Who Are Installing Solar Systems:**

Ameren Missouri solar rebate funds are no longer available for new applicants. However, if you submitted an application in December 2013 you are in the rebate commitment queue. Please refer to Company's Rider SR - Solar Rebate for the applicable rebate rate and additional details and requirements. For those eligible, the rebate is limited to 25,000 watts (25 kW) and the rebate rate will be based on the following schedule:

- \$2.00 per watt for systems operational on or before June 30, 2014;
- \$1.50 per watt for systems operational between July 1, 2014 and June 30, 2015;
- \$1.00 per watt for systems operational between July 1, 2015 and June 30, 2016;
- \$0.50 per watt for systems operational between July 1, 2016 and June 30, 2019;
- \$0.25 per watt for systems operational between July 1, 2019 and June 30, 2020;
- \$0.00 per watt for systems operational after June 30, 2020.

*Indicates Change

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017
 ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.7

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 171.7

APPLYING TO MISSOURI SERVICE AREA

INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS – (Cont'd.)

***For Customers Who Are Assuming Ownership or Operational Control of an Existing Customer-Generator System:**

If no changes are being made to the existing Customer-Generator System, complete sections A, D and F of this Application/Agreement and forward to Company at the address above. Company will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by Company, if the new Customer-Generator has satisfactorily completed Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. There are no fees or charges for the Customer-Generator who is assuming ownership or operational control of an existing Customer-Generator System if no modifications are being proposed to that System.

*Indicates Reissue

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 171.8
CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.8

APPLYING TO MISSOURI SERVICE AREA

A. Customer-Generator's Information

Name on Company Electric Account:
Service/Street Address:
City: State: Zip Code:
Mailing Address (if different from above):
City: State: Zip Code:
Electric Account Holder Contact Person:
Electric Account Holder E-mail address (if available):
Daytime Phone: Fax:
Emergency Contact Phone:
Company Account No. (from Utility Bill):
If account has multiple meters, provide the meter number to which generation will be connected:

B. Customer-Generator's System Information

Manufacturer Name Plate: Power Rating: kW AC or DC (circle one)
Voltage: Volts
System Type: Wind, Fuel Cell, Solar Thermal, Photovoltaic, Hydroelectric,
Other (describe)
Inverter/Interconnection Equipment Manufacturer:
Inverter/Interconnection Equipment Model No.:
Outdoor Manual/Utility Accessible & Lockable Disconnect Switch Distance from Meter:
Describe the location of the disconnect switch:
If disconnect switch is greater than 10 feet from electric service meter, describe why an alternate location is being requested:
Existing Electrical Service Capacity: Amperes Voltage: Volts
Service Character: Single Phase Three Phase
Total capacity of existing Customer-Generator System (if applicable): kW
* Is there a battery backup? (Mark One): Yes No
* If Yes, Battery Manufacturer: Battery Model:
* Additional Battery Information:

System Plans, Specifications and Wiring Diagram must be attached for a valid application.

*Indicates Addition.

DATE OF ISSUE January 3, 2020 DATE EFFECTIVE March 31, 2020
ISSUED BY Marty J. Lyons Chairman & President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 171.9

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.9

APPLYING TO MISSOURI SERVICE AREA

INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS - (Cont'd.)

*C. Installation Information/Hardware and Installation Compliance

Company Installing System:

Contact Person of Company Installing System: Phone Number:

Contractor's License No. (if applicable):

Approximate Installation Date:

Mailing Address:

City: State: Zip Code:

Daytime Phone: Fax: E-Mail:

Person or Agency Who Will Inspect/Certify Installation:

The Customer-Generator's proposed System hardware complies with all applicable National Electrical Safety Code (NESC), National Electrical Code (NEC), Institute of Electrical and Electronics Engineers (IEEE) and Underwriters Laboratories (UL) requirements for electrical equipment and their installation. As applicable to System type, these requirements include, but are not limited to, UL 1703, UL 1741 and IEEE 1547. The proposed installation complies with all applicable local electrical codes and all reasonable safety requirements of Company. The proposed System has a lockable, visible AC disconnect device, accessible at all times to Company personnel and switch is located adjacent to the Customer-Generator's electric service meter (except in cases where Company has approved an alternate location). The System is only required to include one lockable, visible disconnect device, accessible to Company. If the interconnection equipment is equipped with a visible, lockable, and accessible disconnect, no redundant device is needed to meet this requirement.

The Customer-Generator's proposed System has functioning controls to prevent voltage flicker, DC injection, overvoltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for System synchronization to Company's electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when Company's electric system is not energized or operating normally. If the proposed System is designed to provide uninterruptible power to critical loads, either through energy storage or back-up generation, the proposed System includes a parallel blocking scheme for this backup source that prevents any backflow of power to Company's electrical system when the electrical system is not energized or not operating normally.

Signed (Installer): Date:

Name (Print):

*Indicates Change

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS – (Cont'd.)

D. Additional Terms and Conditions

In addition to abiding by Company’s other applicable rules and regulations, the Customer-Generator understands and agrees to the following specific terms and conditions:

***1. Operation/Disconnection**

If it appears to Company, at any time, in the reasonable exercise of its judgment, that operation of the Customer-Generator’s System is adversely affecting safety, power quality or reliability of Company’s electrical system, Company may immediately disconnect and lock-out the Customer-Generator’s System from Company’s electrical system. The Customer-Generator shall permit Company’s employees and inspectors reasonable access to inspect, test, and examine the Customer-Generator’s System.

****2. Liability**

Liability insurance is not required for Customer-Generators of ten kilowatts (10 kW) or less. For Customer-Generators greater than ten kilowatts (10 kW), the Customer-Generator agrees to carry no less than one hundred thousand dollars (\$100,000) of liability insurance that provides for coverage of all risk of liability for personal injuries (including death) and damage to property arising out of or caused by the operation of the Customer-Generator’s System. Insurance may be in the form of an existing policy or an endorsement on an existing policy.

Customer-Generators, including those whose systems are ten kilowatts (10 kW) or less, may have legal liabilities not covered under their existing insurance policy in the event the Customer-Generator’s negligence or other wrongful conduct causes personal injury (including death), damage to property, or other actions and claims.

***3. Metering and Distribution Costs**

A Customer-Generator’s facility shall be equipped with sufficient metering equipment that can measure the net amount of electrical energy produced or consumed by the Customer-Generator. If the Customer-Generator’s existing meter equipment does not meet these requirements or if it is necessary for Company to install additional distribution equipment to accommodate the Customer-Generator’s facility, the Customer-Generator shall reimburse Company for the costs to purchase and install the necessary additional equipment. At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing cycles. Any subsequent meter testing, maintenance, or meter equipment change necessitated by the Customer-Generator shall be paid for by the Customer-Generator.

*Indicates Reissue

**Indicates Change

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 171.11CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.11APPLYING TO MISSOURI SERVICE AREA**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS – (Cont'd.)****D. Additional Terms and Conditions (Cont'd.)*****4. Ownership of Renewable Energy Credits or Renewable Energy Certificates (REC's)**

Renewable Energy Credits (RECs) created through the generation of electricity by the Customer-Owner are owned by the Customer-Generator; however, if the Customer-Generator receives a solar rebate the Customer-Generator transfers to Company all right, title, and interest in and to the RECs associated with the new or expanded solar electric system that qualified the Customer-Generator for the solar rebate for a period of ten (10) years from the date Company confirms the solar electric system was installed and operational.

***5. Energy Pricing and Billing**

The net electric energy delivered to the Customer-Generator shall be billed in accordance with the Company's applicable Rate Schedule No. 6, Schedule of Rates for Electricity. The value of the net electric energy delivered by the Customer-Generator to Company shall be credited in accordance with the net metering rate contained in Company's Electric Power Purchases From Qualified Net Metering Units tariff. The Customer-Generator shall be responsible for all other bill components charged to similarly situated customers that are not Customer-Generators.

Net electrical energy measurement shall be calculated in the following manner:

- a. For a Customer-Generator, a retail electric supplier shall measure the net electrical energy produced or consumed during the billing period in accordance with normal metering practices for customers in the same rate class, either by employing a single, bidirectional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Customer-Generator's consumption and production of electricity;
- b. If the electricity supplied by the supplier exceeds the electricity generated by the Customer-Generator during a billing period, the Customer-Generator shall be billed for the net electricity supplied by the supplier in accordance with normal practices for customers in the same rate class;
- c. If the electricity generated by the Customer-Generator exceeds the electricity supplied by the supplier during a billing period, the Customer-Generator shall be billed for the appropriate customer charges as specified by the applicable Customer-Generator rate schedule for that billing period and shall be credited an amount for the excess kilowatt-hours generated during the billing period at the net metering rate identified in Company's tariff filed at the Public Service Commission, with this credit applied to the following billing period; and
- d. Any credits granted by this subsection shall expire without any compensation at the earlier of either twelve (12) months after their issuance, or when the Customer-Generator disconnects service or terminates the net metering relationship with the supplier.

* Indicates Change

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS – (Cont'd.)

D. Additional Terms and Conditions (Cont'd.)

***6. Terms and Termination Rights**

This Agreement becomes effective when signed by both the Customer-Generator and Company, and shall continue in effect until terminated. After fulfillment of any applicable initial tariff or rate schedule term, the Customer-Generator may terminate this Agreement at any time by giving Company at least thirty (30) days prior written notice. In such event, the Customer-Generator shall, no later than the date of termination of Agreement, completely disconnect the Customer-Generator’s System from parallel operation with Company’s system. Either party may terminate this Agreement by giving the other party at least thirty (30) days prior written notice that the other party is in default of any of the terms and conditions of this Agreement, so long as the notice specifies the basis for termination, and there is an opportunity to cure the default. This Agreement may also be terminated at any time by mutual agreement of the Customer-Generator and Company. This Agreement may also be terminated, by approval of the Commission, if there is a change in statute that is determined to be applicable to this contract and necessitates its termination.

***7. Transfer of Ownership**

If operational control of the Customer-Generator’s System transfers to any other party than the Customer-Generator, a new Application/Agreement must be completed by the person or persons taking over operational control of the existing Customer-Generator System. Company shall be notified no less than thirty (30) days before the Customer-Generator anticipates transfer of operational control of the Customer-Generator’s System. The person or persons taking over operational control of Customer-Generator’s System must file a new Application/Agreement, and must receive authorization from Company, before the existing Customer-Generator System can remain interconnected with Company’s electrical system. The new Application/Agreement will only need to be completed to the extent necessary to affirm that the new person or persons having operational control of the existing Customer-Generator System completely understand the provisions of this Application/Agreement and agrees to them. If no changes are being made to the Customer-Generator’s System, completing sections A, D and F of this Application/Agreement will satisfy this requirement. If no changes are being proposed to the Customer-Generator System, Company will assess no charges or fees for this transfer. Company will review the new Application/Agreement and shall approve such, within fifteen (15) days, if the new Customer-Generator has satisfactorily completed the Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. Company will then complete section G and forward a copy of the completed Application/Agreement back to the new Customer-Generator, thereby notifying the new Customer-Generator that the new Customer-Generator is authorized to operate the existing Customer-Generator System in parallel with Company’s electrical system. If any changes are planned to be made to the existing Customer-Generator System that in any way may degrade or significantly alter that System’s output characteristics, then the Customer-Generator shall submit to Company a new Application/Agreement for the entire Customer-Generator System and all portions of the Application/Agreement must be completed.

* Indicates Reissue

INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS – (Cont'd.)

D. Additional Terms and Conditions (Cont'd.)

***8. Dispute Resolution**

If any disagreements between the Customer-Generator and Company arise that cannot be resolved through normal negotiations between them, the disagreements may be brought to the Missouri Public Service Commission by either party, through an informal or formal complaint. Procedures for filing and processing these complaints are described in 4 CSR 240-2.070. The complaint procedures described in 4 CSR 240-2.070 apply only to retail electric power suppliers to the extent that they are regulated by the Missouri Public Service Commission.

***9. Testing Requirement**

IEEE 1547 requires periodic testing of all interconnection related protective functions. The Customer-Generator must, at least once every year, conduct a test to confirm that the Customer-Generator’s net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero) within two (2) seconds of being disconnected from Company’s electrical system. Disconnecting the net metering unit from Company’s electrical system at the visible disconnect switch and measuring the time required for the unit to cease to energize the output shall satisfy this test. The Customer-Generator shall maintain a record of the results of these tests and, upon request by Company, shall provide a copy of the test results to Company. If the Customer-Generator is unable to provide a copy of the test results upon request, Company shall notify the Customer-Generator by mail that Customer-Generator has thirty (30) days from the date the Customer-Generator receives the request to provide to Company, the results of a test. If the Customer-Generator’s equipment ever fails this test, the Customer-Generator shall immediately disconnect the Customer-Generator’s System from Company’s system. If the Customer-Generator does not provide results of a test to Company within thirty (30) days of receiving a request from Company or the results of the test provided to Company show that the Customer-Generator’s net metering unit is not functioning correctly, Company may immediately disconnect the Customer-Generator’s System from Company’s system. The Customer-Generator’s System shall not be reconnected to Company’s electrical system by the Customer- Generator until the Customer-Generator’s System is repaired and operating in a normal and safe manner.

****10. Future Rates**

Customer electricity rates, charges and service fees determined by the Missouri Public Service Commission are subject to change. Future rate adjustments may positively or negatively impact financial savings projected from your generation investment. Ameren Missouri makes no guarantees regarding savings based on future electricity rate projections, including those formulated by third parties.

I have read, understand, and accept the provisions of Section D, subsections 1 through 9 of this Application/Agreement.

Signed (Customer-Generator): _____ Date: _____

*Indicates Reissue

**Indicates Addition

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 171.14

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.14

APPLYING TO MISSOURI SERVICE AREA

INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS – (Cont'd.)

***E. Electrical Inspection**

If a local Authority Having Jurisdiction (AHJ) governs permitting/inspection of project:

Authority Having Jurisdiction (AHJ): _____

Permit Number: _____

Applicable to all installations:

The Customer-Generator System referenced above satisfies all requirements noted in Section C.

Inspector Name (print): _____

Inspector Certification: Licensed Engineer in Missouri _____ or
Licensed Electrician in Missouri _____ License No. _____

Signed (Inspector): _____ Date: _____

***F. Customer-Generator Acknowledgement**

I am aware of the Customer-Generator System installed on my premises and I have been given warranty information and/or an operational manual for that system. Also, I have been provided with a copy of Company’s parallel generation tariff or rate schedule (as applicable) and interconnection requirements. I am familiar with the operation of the Customer-Generator System.

I agree to abide by the terms of this Application/Agreement and I agree to operate and maintain the Customer-Generator System in accordance with the manufacturer’s recommended practices as well as the Company’s interconnection standards. If, at any time and for any reason, I believe that the Customer-Generator System is operating in an unusual manner that may result in any disturbances on Company’s electrical system, I shall disconnect the Customer-Generator System and not reconnect it to Company’s electrical system until the Customer-Generator System is operating normally after repair or inspection. Further, I agree to notify Company no less than thirty (30) days prior to modification of the components or design of the Customer-Generator System that in any way may degrade or significantly alter that System’s output characteristics. I acknowledge that any such modifications will require submission of a new Application/Agreement to Company.

I agree not to operate the Customer-Generator System in parallel with Company’s electrical system until this Application/Agreement has been approved by Company.

System Installation Date: _____

Printed Name (Customer-Generator): _____

Signed (Customer-Generator): _____ Date: _____

*Indicates Change

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.15

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 171.15

APPLYING TO MISSOURI SERVICE AREA

****G. Application Approval (completed by Company)**

Company does not, by approval of this Application/Agreement, assume any responsibility or liability for damage to property or physical injury to persons due to malfunction of the Customer-Generator's System or the Customer-Generator's negligence.

This Application is approved by Company on this _____ day of _____ (month), _____ (year).

Company Representative Name (print): _____

Signed Company Representative: _____

*Indicates Reissue

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.16

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 171.16

APPLYING TO MISSOURI SERVICE AREA

* THIS SHEET RESERVED FOR FUTURE USE

*Indicates Change

DATE OF ISSUE July 27, 2018 DATE EFFECTIVE August 28, 2018
ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 171.17

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 171.17

APPLYING TO MISSOURI SERVICE AREA

* THIS SHEET RESERVED FOR FUTURE USE

*Indicates Change

DATE OF ISSUE July 27, 2018 DATE EFFECTIVE August 28, 2018

ISSUED BY Michael Moehn President St. Louis, Missouri

NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 88CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 88APPLYING TO MISSOURI SERVICE AREARIDER SRSOLAR REBATE 2019-2023 - 393.1670*PURPOSE

The purpose of this Rider SR Solar Rebate 2019-2023 is to implement the solar rebate established through §393.1670 RSMo and to establish the terms, conditions and procedures which the Company will rely on in accepting rebate applications and authorizing rebate payments to eligible participants for a qualifying solar electric system.

*AVAILABILITY

Except as otherwise provided herein, the Solar Rebate program is available to all customers receiving service under Service Classifications 1(M) Residential Service Rate, 2(M) Small General Service Rate, 3(M) Large General Service Rate, 4(M) Small Primary Service Rate, 6(M) Street and Outdoor Area Lighting - Customer-Owned, 11(M) Large Primary Service Rate, or 12(M) Large Transmission Service Rate.

Details concerning the current Rebate Commitment levels, Reservation Queue, and payment levels are posted on the Company's website at www.ameren.com and will be updated monthly.

Retail customers (customer) of Company are eligible for the solar rebate with the following limitations and conditions:

1. The customer must be an active account on the Company's system.
2. The System must be permanently installed on the customer's premise.
3. The customer must declare the installed System will remain in place on the account holder's premise for a minimum of ten (10) years.
4. The solar modules and inverters shall be new equipment and include a manufacturer's warranty of ten (10) years.
5. A retail electric account receiving service under 1(M) Residential Service will be eligible for a solar rebate not to exceed twenty-five kilowatts (25 KW) and all other service classification will be eligible for a solar rebate not to exceed one hundred fifty kilowatts (150 KW) of new or expanded capacity irrespective of the number of meters/service points associated with the account.
6. The System or expansion of an existing System must not become operational until after December 31, 2018 and must become operational on or before December 31, 2023.
7. The System shall meet all requirements of either: a) 4 CSR 240-20.065 and Company's Electric Power Purchases from Qualified Net Metering Units tariff or b) 4 CSR-240-20.060 and Company's Electric Power Purchase from Qualifying Facilities tariff.
8. The system must include a "Grid Support Utility Interactive Inverter" or inverters from Go Solar California's [approved list](#).

*Indicates Addition

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 88.1CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 88.1APPLYING TO MISSOURI SERVICE AREA**RIDER SR****SOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)*****AVAILABILITY (Cont'd.)**

9. The System must be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the System.

***DEFINITIONS**

Completion Requirements - All System installation and final documentation requirements as defined on Company's website www.ameren.com for an Interconnection Application and Solar Rebate Application provided to Company including but not limited to the System installation date, all required signatures, approval of the local inspection authority having jurisdiction (if applicable), copies of detailed receipts and invoices, and System photo(s).

Interconnection Application - Section A. through Section D. of a "Interconnection Application/Agreement for Net Metering Systems with a Capacity of 100 kW or Less" ("Net Metering Agreement") or "Interconnection Application/Agreement for Inverter-Based Generator Systems with Capacity of 1,000 KW or Less" ("Qualifying Facilities Agreement") which can be obtained from Company's website www.ameren.com.

Operational Date - The date that the Company installs a bi-directional meter and/or permits parallel operation of the System with Company's electrical distribution system in accordance with Company's Net Metering Agreement or Qualifying Facilities Agreement and respective tariffs.

Qualification Date - The date and time that determines a customer's relative position in the Reservation Queue and is recorded when all Solar Rebate Application information has been entered into the online portal and the Solar Rebate Application is accepted by Company. The Qualification Date for paper or email copies of Solar Rebate Application information received by Company will be based on when the information is manually entered by Company into the online portal, and Company makes no guarantee as to the length of time necessary for Company to make such entry and accept the Solar Rebate Application.

Rebate Commitment - Company's written communication to customer, by letter or email, confirming that solar rebate funding is available for a Solar Rebate Application submitted by customer.

Reservation Queue - The list of all accepted Solar Rebate Applications that have been received by Company which have not received a Rebate Commitment and have not expired and have not been paid a Solar Rebate.

Solar Rebate Application - Basic customer and System information necessary to receive approval of a Rebate Commitment from Company as defined on Company's website www.ameren.com provided to Company including but not limited to accurate account number, name and service address matching customer billing information, all fields of the Solar Rebate Application, developer signature, and for accounts not receiving service under Service Classifications 1(M) Residential Service Rate, a taxpayer information form of the customer.

*Indicates Addition

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 88.2

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 88.2

APPLYING TO MISSOURI SERVICE AREA

RIDER SR

SOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)

***DEFINITIONS (Cont'd.)**

System - Qualifying solar electric system.

***REBATE RATE SCHEDULE**

Subject to the Availability and other provisions of this Rider SR Solar Rebate 2019-2023, Systems that become operational on or before June 30, 2019 will be eligible for a solar rebate in the amount of \$0.50 per watt and Systems that become operational from July 1, 2019 through December 31, 2023 will be eligible for a solar rebate in the amount of \$0.25 per watt.

If a customer has satisfied all of the System Completion Requirements by June 30th, 2019 or by December 31, 2023, but the Company is not able to complete all of the Company's steps needed to establish an Operational Date on or before the respective dates, the Rebate Rate will be determined based on the date the Completion Requirements were met by customer. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements on or before the respective date, the rebate rate will be determined based on the Operational Date.

***REBATE PAYMENT PERIODS AND FUNDING LEVELS**

Company will not be obligated to make Rebate Commitments exceeding \$28.0 million cumulatively over the five (5) calendar years 2019-2023. Of this amount, Company will reserve \$800,000 of solar rebate funding cumulatively over the five (5) year period to only be available for use by customers receiving service under Service Classification 1(M) Residential Service that meet the eligibility for the Low-Income Program. For all other projects, Company will make Rebate Commitments that will not exceed the following schedule:

<u>Commitment</u>	<u>All Rebates Except</u>
<u>Year</u>	<u>Low Income</u>
2019	\$10.0 million
2020	\$ 5.6 million
2021	\$ 5.6 million
2022	\$ 5.6 million
2023	\$ 0.4 million

In any given year, any portion of rebate funds that have not been paid to customers, will be made available in the following year except any funds remaining at the conclusion of the 2023 program year will expire and will not be made available thereafter.

*Indicates Addition

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 88.3CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 88.3APPLYING TO MISSOURI SERVICE AREARIDER SRSOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)*SOLAR REBATE APPLICATION, QUALIFICATION DATE & REBATE COMMITMENT

Company will begin accepting Solar Rebate Applications on November 1, 2018 for the 2019 payment year and on September 1 preceding each subsequent payment year for which rebates are available.

Only one (1) Solar Rebate Application may be active for an account at any time. The capacity of a Solar rebate application may be revised lower but may not be increased. Either an increase in the capacity of an existing Solar Rebate Application or the submission of a new Solar Rebate Application will automatically cancel any previous Solar Rebate Application for the account. The online portal will attempt, to the extent practical, to alert the customer or developer that the action being taken will generate a new Qualification Date and cancel any existing Qualification Date before accepting the Solar Rebate Application and assigning a new Qualification Date.

A Solar Rebate Application and an Interconnection Application do not need to be submitted at the same time. A Rebate Commitment can be made by Company without an Interconnection Application having been previously submitted. Customers or developers submitting Interconnection Applications prior to Company accepting Solar Rebate Applications may submit a Solar Rebate Application provided the System did not and does not have an Operational Date on or before December 31, 2018.

Company will only make a Rebate Commitment to a customer that has been assigned a Qualification Date. At the time that a Solar Rebate Application is accepted by Company, Company will notify the customer and developer in writing, by letter or email, that:

1. Solar rebate funds have been committed for their System, or
2. The solar rebate funds are fully subscribed and their Solar Rebate Application has been placed in the Reservation Queue.

To the extent possible, Company will also provide an "instant" notification of the above at the time the Solar Rebate Application is accepted.

A Solar Rebate Application will expire on the subsequent August 31st after it has been accepted by Company if a Rebate Commitment has not been made by Company.

A Rebate Commitment will expire if the System has not met all Completion Requirements upon the earlier of:

1. After sixty (60) days if a complete Interconnection Application has not been submitted and accepted by Company, or
2. Twelve (12) months from the date of the Rebate Commitment, or
3. December 31, 2023.

*Indicates Addition

DATE OF ISSUE	<u>August 29, 2018</u>	DATE EFFECTIVE	<u>September 28, 2018</u>
ISSUED BY	<u>Michael Moehn</u>	TITLE	<u>President</u>
	NAME OF OFFICER		ADDRESS
			<u>St. Louis, Missouri</u>

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 88.4CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 88.4APPLYING TO MISSOURI SERVICE AREARIDER SRSOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)*RESERVATION QUEUE

In any year in which the solar rebate funding level has been reached, Company will establish a Reservation Queue for Solar Rebate Applications based on System Qualification Dates.

At least quarterly, Company will notify in writing, by letter or email, those customers and their developers that did not receive a Rebate Commitment when the Solar Rebate Application was accepted by Company and whose Solar Rebate Application has not expired but for which a Rebate Commitment is now being made as a result of other Solar Rebate Commitments having expired or been cancelled from the Reservation Queue.

For Rebate Commitments made to Solar Rebate Applications in the Reservation Queue, the customer or developer must, within thirty (30) days, provide confirmation of an intent to complete the System. Such confirmation by the customer or developer shall be registered through the Solar Rebate Application online portal or by returning an expression of interest form available on the Company website at www.ameren.com. A Rebate Commitment made to a Solar Rebate Application in the Reservation Queue will expire after 30 days if such confirmation is not provided to Company.

*REBATE PAYMENT

The amount of the rebate will be the combined direct current (DC) rating of the solar module(s) in watts from the manufacturer's specification sheet(s) for the new System or the current expansion of an existing System multiplied by the rebate rate as determined by the Rebate Rate Schedule provisions of this Rider SR.

To the extent that the capacity (KW) of the Interconnection Application and the capacity (KW) of the Solar Rebate Commitment are not the same, the amount of the rebate payment shall be the lesser of the two (2) capacities.

A rebate payment will be made within thirty (30) days of the Operational Date provided that:

1. Customer has satisfied all Completion Requirements, and
2. An Interconnection Application has been executed by the customer and Company.

If a customer has satisfied all of the Completion Requirements but the Company is not able to complete all of the Company's steps needed to establish an Operational Date by the expiration of the Rebate Commitment, the Rebate Rate will be determined as though the Operational Date was achieved prior to the expiration. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements required of the customer on or before the expiration date, the Rebate Commitment will expire and no payment will be made.

*Indicates Addition

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 88.5

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREA

RIDER SR

SOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)

SOLAR RENEWABLE ENERGY CREDITS (SREC'S)

On and after January 1, 2019, as a condition of receiving a solar rebate, customer shall transfer to Company all right, title and interest in and to the solar renewable energy credits ("SRECs") associated with the new or expanded System that qualified customer for the solar rebate for a period of ten (10) years from the date Company confirmed that the System was installed and operational.

SRECs produced by the System, for which a rebate is received, cannot be sold or promised for sale to any other party by customer or used by customer for any environmental or "green" program for a period of ten (10) years from the date Company confirmed that the System was installed and operational.

The number of SRECs produced annually will be determined by Company using PVWatts software developed by the U.S. Department of Energy (DOE) with the result rounded to the tenths digit.

LOW-INCOME PROGRAM

Customers on Service Classification 1(M) Residential Service who have received assistance from either Missouri Energy Assistance (a.k.a. Low Income Home Energy Assistance Program or LIHEAP), Winter Energy Crisis Intervention Program, Summer Energy Crisis Intervention Program, the Company's Keeping Current Low Income Pilot Program, and/or the Company's Keeping Cool Low Income Pilot Program during any of the 12 months previous to submitting a Solar Rebate Application will be eligible for Low-Income Program solar rebate funds.

All terms and conditions of this Rider SR Solar Rebate 2019-2023 shall apply to the Low-Income Program.

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 88.6

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREARIDER SRSOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)SOLAR REBATE APPLICATION FORM

The date and time that determines a customer's relative position in the Reservation Queue and is recorded when all Solar Rebate Application information has been entered into the online portal and the Solar Rebate Application is accepted by Company. **The Qualification Date for paper or email copies of Solar Rebate Application information received by Company will be based on when the information is manually entered by Company into the online portal, and Company makes no guarantee as to the length of time necessary for Company to make such entry and accept the Solar Rebate Application.**

This form is only representative of the information that will be required to submit a Solar Rebate Application. The Solar Rebate Application should be accessed, completed and submitted through the Company website at www.ameren.com.

Customer Information Required:

Name: * _____ Account Number: * _____

Premises Address: * _____

Phone Number: _____

Email Address: _____

Completed Taxpayer Information Form (W-9): ** _____ (to be attached/uploaded)

*Must match information on Ameren Missouri account.

**Does not apply to residential accounts

Contractor/Developer/Installer Information:

Company Name: _____

Contact Name: _____ Contact Phone: _____

Contact Email: _____

System Information Required:

DC Rating of each panel (watts): _____

Number of Panels: _____

Single-line diagram: _____ (to be attached/uploaded)

Solar Rebate Declarations (at time of application):

I understand and agree to the complete terms and conditions of the solar rebate program which are included in Company's Rider SR - Solar Rebate 2019-2023 - 393.1670 tariff which can be accessed at www.ameren.com.

I understand that Company will not accept any Solar Rebate Application prior to November 1, 2018, or September 1 for subsequent years, and that any Solar Rebate Application received prior to those dates, in any form, will be discarded.

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 88.7

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREARIDER SRSOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)SOLAR REBATE APPLICATION FORM (Cont'd.)

I understand that upon receiving a Rebate Commitment I must submit an Interconnection Application (if I have not already done so) within 60 days or the Rebate Commitment will expire.

I understand that the System must include a "Grid Support Utility Interactive Inverter" or inverters from Go Solar California's [approved list](#).

I understand that this program has a limited budget, and that application will be accepted on a first-come, first-served basis, while funds are available. It is possible that I may be notified I have been placed in the Reservation Queue if funds run out for the current year and that I will need to reapply for funds for a subsequent year if I have not received a Rebate Commitment by August 31. This program may be modified or discontinued at any time without notice from Company.

I understand that the solar System must:

- be permanently installed, and
- remain in place on premises for a minimum of ten (10) years, and
- be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the system, and
- be constructed with equipment that commercially available, new when installed, and carries a minimum ten (10) year warranty.

I understand a rebate may be available from Company in the amount of:

- \$0.50 per watt for systems operational between January 1, 2019 and June 30, 2019;
- \$0.25 per watt for systems operational between July 1, 2019 and December 31, 2023;

I understand that the maximum rebate available is:

- 25 KW for a customer receiving residential service, and
- 150 KW for all other customers

I understand the DC wattage rating of the panels provided by the original manufacturer will be used to determine rebate amount.

I understand I may receive an IRS Form related to my rebate amount. (Please consult your tax advisor with any questions.)

I understand that as a condition of receiving a solar rebate, I am transferring to Company all right, title and interest in and to the solar renewable energy credits (SRECs) associated with the new or expanded System that this Solar Rebate Application is applicable to for a period of ten (10) years from the date Company confirmed that the System was installed and operational, and during this period, I may not claim credit for the SRECs under any environmental program or transfer or sell the SRECs to any other party.

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6

Original

SHEET NO. 88.8

CANCELLING MO.P.S.C. SCHEDULE NO. _____

SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREA

RIDER SR

SOLAR REBATE 2019-2023 - 393.1670 (Cont'd.)

SOLAR REBATE APPLICATION FORM (Cont'd.)

I understand that there are other requirements to be completed after the System becomes operational prior to Company releasing a rebate payment including but not limited to providing the following information to Company:

- Copies of detail receipts/invoices with purchase date circled
- Copies of detail spec sheets on each component
- Copies of proof of warranty sheet (minimum of 10 year warranty)
- Photo(s) of completed system

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation will meet all Solar Rebate program and interconnection requirements.

Applicant's Signature

Installer's Signature

Print Solar Rebate Applicant's Name

Print Installer's Name

DATE OF ISSUE August 29, 2018

DATE EFFECTIVE September 28, 2018

ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 88.9

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREARIDER SRSOLAR REBATE RS MO 393.1030*PURPOSE

The purpose of this Rider SR is to implement the solar rebate established through §393.1030 RSMo and to establish the terms, conditions and procedures which the Company will rely on in accepting rebate applications and authorizing rebate payments to eligible participants for a qualifying solar electric system.

*AVAILABILITY

The Company will not suspend payment of solar rebates in 2014 and beyond until the solar rebate payments reach an aggregate level of \$91.9 million (the "specified level") incurred subsequent to July 31, 2012 as defined in the Non-Unanimous Stipulation and Agreement approved by the Missouri Public Service Commission ("Commission") in File Number ET-2014-0085 ("Stipulation"). Solar rebate payments are anticipated to reach the specified level during 2014. The Company has filed with the Commission an application under the 60-day process as outlined in §393.1030.3 RSMo. to cease payments when the specified level is reached and all future calendar years, in accordance with the approved Stipulation, and the Commission has determined that the the maximum average retail rate increase, as specified in §393.1030.3 RSMo., will be reached when the specified level of payments has been made. Ameren Missouri solar rebate funds are no longer available for new applicants. However, if you submitted an application in December 2013 you are in the rebate commitment queue. Details concerning the current payment levels are posted on the Company's website at www.ameren.com.

All retail customers (customer) of Company are eligible for the solar rebate with the following limitations and conditions:

1. The customer must be an active account on the Company's system and in good payment standing.
2. The System must be permanently installed on the customer's premise.
3. The customer must declare the installed System will remain in place on the account holder's premise for a minimum of ten (10) years.
4. The solar modules and inverters shall be new equipment and include a manufacturer's warranty of ten (10) years.
5. No retail electric account will be eligible for a solar rebate for more than twenty-five kilowatts (25 kW) of new or expanded capacity irrespective of the number of meters/service points associated with the account.
6. The System or expansion of an existing System must not become operational until after December 31, 2009 and must become operational on or before June 30, 2020.
7. The System shall meet all requirements of 4 CSR 240-20.065 and Company's Electric Power Purchases from Qualified Net Metering Units tariff.

*Indicates Reissue

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

RIDER SR

SOLAR REBATE RS MO 393.1030 (Cont'd.)

***AVAILABILITY (Cont'd.)**

8. The System must be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the System.

***DEFINITIONS**

Application Requirements - All Net Metering Application and Solar Rebate Application information necessary to receive an approval from Company as defined on Company's website www.ameren.com provided to Company including but not limited to accurate account number, name and service address matching customer billing information, all of the Net Metering Application, all fields of Solar Rebate Application except the "System Installation Date," customer and developer signatures, System plans, specifications, warranties and wiring diagram.

Completion Requirements - All System installation and final documentation requirements as defined on Company's website www.ameren.com provided to Company including but not limited to the System installation date, all required signatures, approval of the local inspection authority having jurisdiction (if applicable), copies of detailed receipts and invoices, System photo(s), taxpayer information form and affidavit (if applicable).

Net Metering Application - Section A. through Section D. of a "Interconnection Application/Agreement for Net Metering Systems with a Capacity of 100 kW or Less" which can be obtained from Company's website www.ameren.com.

Operational Date - The date that the Company installs a bi-directional meter and permits parallel operation of the System with Company's electrical distribution system in accordance with Company's "Electric Power Purchases From Qualified Net Metering Units" tariff.

Qualification Date - The date that determines a customer's relative position in the Reservation Queue.

Rebate Commitment - Company's written communication to customer, by letter or email, confirming that solar rebate funding is available for a Solar Rebate Application submitted by customer.

Reservation Queue - The list of all complete Net Metering Applications that have been received by Company which have not expired and have not been paid a Solar Rebate.

Solar Rebate Application - Sections H. and I. of a "Interconnection Application/Agreement for Net Metering Systems with a Capacity of 100 kW or Less" which can be obtained from Company's website www.ameren.com.

System - Qualifying solar electric system

*Indicates Reissue

RIDER SR

SOLAR REBATE RS MO 393.1030 (Cont'd.)

*REBATE RATE SCHEDULE

Subject to the Availability provisions of this Rider SR, complete and accurate Solar Rebate Applications received by Company or postmarked on or before December 31st of any year, and for which the System becomes operational on or before June 30th of the following year, will be eligible for a solar rebate according to the following schedule:

<u>Application Received</u> <u>on or before December</u> <u>31st of the year</u>	<u>Operational Status</u> <u>Achieved on or before</u> <u>June 30th of the year</u>	<u>Rebate Rate per Watt</u>
2013	2014	\$2.00
2014	2015	\$1.50
2015	2016	\$1.00
2016	2017	\$0.50
2017	2018	\$0.50
2018	2019	\$0.50
2019	2020	\$0.25

If a customer has satisfied all of the System Completion Requirements by June 30th, of indicated years, but the Company is not able to complete all of the Company's steps needed to establish an Operational Date on or before June 30th, the Rebate Rate will be determined as though the Operational Date was June 30th. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements required of the customer on or before June 30th, the rebate rate will be determined based on the Operational Date.

*RESERVATION QUEUE

Company will establish a Reservation Queue for solar rebate payments based on System Qualification Dates. A customer, and their developer, whose Net Metering Application and Solar Rebate Application are approved will be notified in writing, by letter or email that either:

1. Solar rebate funds have been committed for their System, subject to the Qualification Date not changing and the commitment not expiring, or
2. Solar rebate funds cannot be guaranteed for their System

At least twice monthly, Company will notify in writing, by letter or email, those customers and their developers that did not receive a Rebate Commitment but for which a Rebate Commitment is now being made as a result of other Systems that have dropped out of the Reservation Queue. Details concerning the Reservation Queue are posted on the Company website at www.ameren.com.

*Indicates Reissue

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 88.12

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREARIDER SRSOLAR REBATE RS MO 393.1030 (Cont'd.)*RESERVATION QUEUE (Cont'd.)

Effective September 28, 2018, Company will only make additional Rebate Commitments under this Rider SR Solar Rebate RS MO 393.1030 tariff to Systems which have already become operational. Customers in the Reservation Queue having approved Net Metering Applications will be notified of the availability of solar rebate funding available through Rider SR Solar Rebate 2019-2023 and advised how and when they can submit an application under that program.

**QUALIFICATION DATE AND REBATE COMMITMENT

The Qualification Date will be the date Company receives a Net Metering Application and Solar Rebate Application, or the date that is postmarked if delivered by the U.S. Postal Service, that satisfy the Application Requirements and are subsequently approved by Company.

Company will only make a Rebate Commitment to a customer that has a Qualification Date and the customer, and their developer, will be notified in writing, by letter or email, of any deficiencies in the Application Requirements that will prevent a Rebate Commitment by Company.

Company's Rebate Commitment to a customer will expire if:

1. Customer has not returned to Company a completed intent to install form within 30 days of the Rebate Commitment being made. Company will provide the customer with an intent form by U.S. Mail concurrently with the Rebate Commitment. Signing and returning the intent form does not in any way obligate a customer to complete a solar system, or
2. The System has not attained an Operational Date within twelve (12) months of the Rebate Commitment date, or
3. The System is not constructed in accordance with the design submitted by the customer and approved by Company, thereby causing the Net Metering Application to become invalid.

If a customer has satisfied all of the Completion Requirements but the Company is not able to complete all of the Company's steps needed to establish an Operational Date by the expiration of the Rebate Commitment, the Rebate Rate will be determined as though the Operational Date was achieved prior to the expiration. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements required of the customer on or before the expiration date, the Rebate Commitment will expire and no payment will be made.

*Indicates Addition

**Indicates Reissue

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

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CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREA

RIDER SR

SOLAR REBATE RS MO 393.1030 (Cont'd.)

*REBATE PAYMENT

The amount of the rebate will be the combined direct current (DC) rating of the solar module(s) in watts from the manufacturer's specification sheet(s) for the new System or the current expansion of an existing System multiplied by the rebate rate as determined by the Rebate Rate Schedule provisions of this Rider SR.

A rebate payment will be made within thirty (30) days of the Operational Date provided that:

1. A complete and accurate Solar Rebate Application has been accepted by Company and a Rebate Commitment made by Company, and
2. Customer has satisfied all Completion Requirements, and
3. An "Interconnection Application/Agreement for Net Metering Systems with a Capacity of 100 kW or Less" has been executed by the customer and Company.

*SOLAR RENEWABLE ENERGY CREDITS (SREC'S)

On and after August 28, 2013, as a condition of receiving a solar rebate, customer shall transfer to Company all right, title and interest in and to the solar renewable energy credits ("SRECs") associated with the new or expanded System that qualified customer for the solar rebate for a period of ten (10) years from the date Company confirmed that the System was installed and operational.

Rebate payments made by Company prior to August 28, 2013, do not entitle Company to any right, title and interest in the SRECs produced by the portion of the System for which the rebate payment was made.

SRECs produced by the System, for which a rebate is received, cannot be sold or promised for sale to any other party by customer or used by customer for any environmental or "green" program for a period of ten (10) years from the date Company confirmed that the System was installed and operational.

The number of SRECs produced annually will be determined by Company using PVWatts software developed by the U.S. Department of Energy (DOE) with the result rounded to the tenths digit.

*Indicates Reissue

DATE OF ISSUE August 29, 2018 DATE EFFECTIVE September 28, 2018

ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS