

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 7th Revised Sheet No. 12

Canceling P.S.C. Mo. No. 5 Sec. 4 6th Revised Sheet No. 12

For ALL TERRITORY

NET METERING RIDER RIDER NM

AVAILABILITY:

Electric service is available under this schedule at points on the Company's existing distribution facilities located within its service area for customers operating renewable fuel source generators.

Applicable to Customer-Generators with a Company approved interconnection agreement. This schedule is not applicable where the Customer's electrical generating system exceeds 100 kW.

The net metering service shall be available to Customer-Generators on a first-come, first-serve basis until the total rated generating capacity of net metering systems equals 5% of the Company's single-hour peak load during the previous year. Resale electric service will not be supplied under this schedule.

DEFINITIONS:

Customer-Generator:

The owner or operator of a qualified electric energy generation unit that meets all of the following criteria:

- a. Is powered by a renewable energy resource;
- b. Has an electrical generating system with a capacity of not more than one hundred fifty kilowatts;
- c. Is located on a premises owned, operated, leased, or otherwise controlled by the Customer-Generator;
- d. Is interconnected and operated in parallel phase and synchronization with the Company;
- e. Is intended primarily to offset part or all of the Customer-Generator's own electrical energy requirements;
- f. Meets all applicable safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronic Engineers and any local governing authorities; and
- g. Contains a mechanism that automatically disables the unit and interrupts the flow of electricity back onto the Company's electricity lines in the event that the service to the Customer-Generator is interrupted.

Renewable Energy Resources:

Electrical energy produced from wind, solar thermal sources, hydroelectric sources, photovoltaic cells and panels, fuel cells using hydrogen produced by ones of the above-named electrical energy sources, and other sources of energy that become available, and are certified as renewable by the Missouri Department of Natural Resources or the Missouri Department of Economic Development's Division of Energy.

CHARACTER OF SERVICE:

Alternating current, 60 cycles, at the voltage and phase of the Company's established secondary distribution system serving the Customer-Generator's premise.

BILLING AND PAYMENT:

The Company shall render a bill for net consumption at approximately 30-day intervals based on the Company's regular tariff schedules as on file with the Missouri Public Service Commission. Net consumption is defined as the kWh supplied by the Company to the Customer-Generator minus kWh supplied by the Customer-Generator and returned to the Company's grid during the billing month. Any net consumption shall be valued monthly as follows

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 8th Revised Sheet No. 15

Canceling P.S.C. Mo. No. 5 Sec. 4 7th Revised Sheet No. 15

For ALL TERRITORY

NET METERING RIDER
RIDER NM

**INTERCONNECTION APPLICATION /AGREEMENT FOR NET METERING SYSTEMS
WITH CAPACITY OF ONE HUNDRED
KILOWATTS (150 kW) OR LESS**

The Empire District Electric Company
602 South Joplin Avenue
Joplin, Missouri, 64802

For Customers Applying for Interconnection:

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

If you wish to apply for interconnection to Empire'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 Empire at the address above. Empire will provide notice of approval or denial within thirty (30) days of receipt by Empire for Customer-Generators of ten kilowatts (10 kW) or less and within ninety (90) days of receipt by Empire 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 Empire, it shall become a binding contract and shall govern your relationship with Empire.

**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 Empire for review and completion of section G at the address above. Prior to the interconnection of the qualified generation unit to Empire's system, the Customer-Generator will furnish Empire 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 Empire prior to interconnection. If the application for interconnection is approved by Empire 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.

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 the electric utility, the electric utility will make any inspection of the customer-generators interconnection equipment or system it deems necessary and notify the customer generator:

1. That the net meter has been set and parallel operation by customer-generator is permitted; or
2. That the inspection identified no deficiencies and the net meter installation is pending; or
3. That the inspection identified no deficiencies and the timeframe anticipated for the electric utility to complete all required system or service upgrades and install the meter; or
4. Of all deficiencies identified during the 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 condition(s), impacting the installation of the net meter or the parallel operation of the system.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 15a

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 15a

For ALL TERRITORY

NET METERING RIDER
RIDER NM

For Customers Who Are Installing Solar Systems:

Customer-Generators who are Missouri electric utility retail account holders will receive a solar rebate, if available, based on the capacity stated in the application, or the installed capacity of the Customer-Generator System if it is lower, if the following requirements are met:

- a. Empire must have confirmed the Customer-Generator's System is operational; and
- b. Sections H and I of this Application must be completed.

The amount of the rebate will be based on the system capacity measured in direct current. The rebate will be based on the schedule below up to a maximum of 25,000 watts (25kW) for residential customers, and up to a maximum of 100,000 watts (100 kW) for non-residential customers.

- \$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 December 31, 2023;
- \$0.00 per watt for systems operational between December 31, 2023;

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 Empire at the address above. Empire will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by Empire 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.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 2nd Revised Sheet No. 16e

Canceling P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 16e

For ALL TERRITORY

NET METERING RIDER RIDER NM

I. Solar Rebate Declaration (For Solar Installations only)

I understand that the complete terms and conditions of the solar rebate program are included in the Company's Rider SR – Solar Rebate tariff.

I understand that this program has 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 that I have been placed on a waiting list for the next year's rebate program if funds run out for the current year. This program may be modified or discontinued at any time without notice from the Company.

I understand that the solar electric system must be permanently installed and remain in place on premises for a minimum of (10) years, and the system shall be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the system.

I understand the equipment must be new when installed, commercially available, and carry a minimum ten (10) year warranty.

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

- \$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 December 31, 2023;
- \$0.00 per watt for systems operational after December 31, 2023.

I understand an electric utility may, through its tariff, require applications for solar rebates to be submitted up to one hundred eighty-two (182) days prior to the applicable June 30 operational date for the solar rebate.

I understand that a maximum of 25 kilowatts of new or expanded system capacity will be eligible for a rebate for residential customers, and a maximum 100 kilowatts of new or expanded system capacity will be eligible for a rebate for non-residential customers.

I understand the DC wattage rating provided by the original manufacturer and as noted in Section H will be used to determine the 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 **for a period of ten (10) years** from the date Empire confirmed that that 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.

MUST BE MAILED TO EMPIRE VIA U.S. POSTAL SERVICE, FEDEX OR UPS

DATE OF ISSUE July 27, 2018 DATE EFFECTIVE August 28, 2018
ISSUED BY Christopher D. Krygier, Director, Rates & Regulatory Affairs, Joplin, MO