# UNION ELECTRIC COMPANY ELECTRIC SERVICE

| MO.P.S.C. SCHEDULE NO. 6 | 1st Revised | SHEET NO. | 89 |
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|                          |             |           |    |

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

Original

SHEET NO.

89

APPLYING TO

MISSOURI SERVICE AREA

## RIDER SP

## SOLAR RENEWABLE ENERGY CREDIT PURCHASE

#### PURPOSE

The purpose of this rider is to provide a mechanism for eligible customers to sell and Company to purchase the Renewable Energy Credits associated with energy generated by solar electric systems operating under Company's Electric Power Purchases from Qualified Net Metering Units tariff herein.

## AVAILABILITY

This rider is available to any retail electric customer operating a solar electric system in compliance with Company's approved net metering tariff.

\*Availability of service under this rider shall be limited to those customers for which an "Interconnection Application/Agreement for Net Metering Systems with a Capacity of 100 kW or Less" is received by Company or postmarked on or before August 27, 2013, and commitments offered by Company on or before December 31, 2013, and by the cumulative total of the actual payment commitments and estimated payment commitments offered by Company during 2013, of up to \$1,000,000 with at least \$350,000 (35%) being reserved specifically for commitments under the Lump Sum Offer as described below.

## TERM

This rider shall be effective through December 31, 2014, and will terminate thereafter unless modified or extended. In the event that this rider expires, all commitments offered by Company on or before December 31, 2013, will be honored for their full term.

#### DEFINITIONS

- REC Renewable Energy Credit, or Renewable Energy Certificate means a tradable certificate, that is either certified by an entity approved as an acceptable authority by the Missouri Public Service Commission (Commission)or as validated through the Commission's approved REC tracking system or a generator's attestation and further defined in 4 CSR 240-20.100 Electric Utility Renewable Energy Standard Requirements.
- 2. SREC Solar Renewable Energy Credit A REC produced by a solar electric resource.
- 3. SREC Price \$5.00 per SREC.
- 4. Retail Account Holder The customer of record taking service from Company under any of Company's retail electric tariffs.

\*Indicates Change

| DATE OF ISSUE | July 29, 2013    | DATE EFFECTIVE  | August 28, 2013     |
|---------------|------------------|-----------------|---------------------|
| ISSUED BY     | Warner L. Baxter | President & CEO | St. Louis, Missouri |
|               | NAME OF OFFICER  | TITLE           | ADDRESS             |

#### UNION ELECTRIC COMPANY ELECTRIC SERVICE

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

SHEET NO. 89.1 Original

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APPLYING TO

MISSOURI SERVICE AREA

## RIDER SP

## SOLAR RENEWABLE ENERGY CREDIT PURCHASE (Cont'd.)

## DEFINITIONS (Cont'd.)

- 5. Customer-Generator the owner, lessee, or operator of an electric energy generation unit that meets all of the following criteria:
  - a. Is powered by a renewable energy resource.
  - b. Is located on premises that are owned, operated, leased or otherwise controlled by the party as Retail Account Holder and which corresponds to the service address for the retail account.
  - c. Has received approval from Company to interconnect with and operate in parallel phase and synchronization with Company's electric distribution system.
  - d. Meets all applicable safety, performance, interconnection, and reliability standards endorsed by the net metering rule, 4 CSR 240-20.065(1)(C)6 and 4 CSR 240-20.065(1)(C)7.
- 6. PVWatts A program available from the U.S. Department of Energy (DOE) that estimates the kilowatt-hour (kWh) production of a solar electric system based on specific system parameters.
- 7. Incremental System Capacity Any additional capacity installed by customer subsequent to Company having entered into a Net Metering Application/Agreement with Customer-Generator under Company's Electric Power Purchases from Qualified Net Metering Units tariff. Revising the capacity of a pending Net Metering Application/Agreement that has not yet become effective constitutes a design change for that pending Application/Agreement and will not be considered Incremental System Capacity.

#### STANDARD OFFERS

Company will purchase SRECs produced and owned by a Customer-Generator under either the Lump Sum Offer or the Annual Payment Offer listed below based on the DC nameplate capacity of the Customer-Generator's system. Only SRECs produced after January 1, 2013 are eligible for either Standard Offer. Payments will only be made to the Retail Account Holder.

Lump Sum Offer applies to systems whose installed DC nameplate capacity is less than 10 kW:

- 1. Company will offer to purchase 100% of the SRECs produced during the first 120 calendar months (10 years) following the execution of the agreement or the operational date of the Customer-Generator whichever occurs later.
- 2. The numbers of SRECs produced annually will be determined by Company using PVWatts software with the result rounded to the tenths digit.

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# UNION ELECTRIC COMPANY ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. б

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

1st Revised SHEET NO. 89.2

Original

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APPLYING TO

MISSOURI SERVICE AREA

# RIDER SP

#### SOLAR RENEWABLE ENERGY CREDIT PURCHASE (Cont'd.)

# STANDARD OFFERS (Cont'd.)

3. Company will make a single payment up-front for all SRECs purchased over the term of the agreement according to the following formula:

Up-Front Payment = Annual SRECs produced x 10 years x SREC Price.

Annual Payment Offer applies to systems whose installed DC nameplate capacity is 10 kW or larger but not greater than 100 kW:

- 1. Company will offer to purchase 100% of the SRECs produced during the first 120 calendar months (10 years) following the execution of the agreement or the operational date of the Customer-Generator whichever occurs later.
- Customer-Generator must make provisions for Company to meter all energy produced by the system. The numbers of SRECs produced annually will be determined by those meter readings with total SRECs available for purchase being kilowatt-hour energy divided by 1,000 with the result rounded to the tenths digit.
- 3. Company will make payments annually no later than March 31 based upon actual SRECs produced as measured by meter readings from the 12 billing periods ending approximately December 31 of the immediately preceding year. This will result in eleven (11) payments over the ten (10) year term for most agreements with the first and last payment being for less than a full twelve (12) month period according to the following formula:

Annual Payment = SRECs produced x SREC Price

#### INCREMENTAL SYSTEM CAPACITY

When a customer adds Incremental System Capacity, Company will make an offer to purchase the SRECs associated with only the Incremental System Capacity.

- If the total capacity of the system remains eligible for the Lump Sum Offer, then Company will provide a Lump Sum Offer for the Incremental System Capacity.
- 2. If the Incremental System Capacity results in a total capacity that exceeds the capacity limit of the Lump Sum Offer, then the Annual Payment Offer will apply to the Incremental System Capacity. The number of SRECs purchased under the Annual Payment Offer will be the total number of SRECs produced by the system less any SRECs already purchased under the Lump Sum Offer during the same period.

## OWNERSHIP CHANGE

If the Retail Account Holder associated with a Customer-Generator facility that has received payment under the Lump Sum Offer changes during the term of an agreement, the new Retail Account Holder will not be eligible for a contract until such time as the term of the existing Lump Sum Offer has expired.

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