# UNION ELECTRIC COMPANY

# **ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO.	6		1st Revised	SHEET NO.	164
CANCELLING MO.P.S.C. SCHEDULE NO.	6		Original	SHEET NO.	164
APPLYING TO MIS	SOURI	SERVICE	AREA		

### SUBSCRIBER SOLAR PILOT PROGRAM

#### **PURPOSE**

The purpose of the Subscriber Solar Pilot Program (Program) is to offer interested customers an opportunity to purchase electricity from solar resources within the Company's Missouri service territory.

# PROGRAM DESCRIPTION

Program participants will subscribe and pay for solar blocks of a 100 kilowatt-hour (kWh) each that will replace an equivalent kWh amount of electricity they receive from their standard class of service.

#### AVAILABILITY

Electric service under this Program is only available to full service electric customers currently served by the Company. Customers can subscribe up to 50% of their average annual energy usage. Customers must qualify for service under either Company Service Classification Residential Service 1(M) or Small General Service 2(M). Customers will be deemed ineligible for the Program if they have received a disconnection notice within twelve (12) months preceding their application.

Participants will be enrolled on a first-come, first-served basis. Participants can enroll or cancel their subscription at any time. Service hereunder is provided through one meter to one end-use customer and may not be redistributed or resold.

### **DEFINITIONS**

Solar Block - 100 kWh of solar energy per billing month. The number of blocks available will be determined by the total forecasted output of the designated subscriber solar systems.

Subscriber Solar Availability Bank - The amount of solar blocks available for subscription in any given month based on the average annual production over the life of the solar resource minus existing subscriptions.

# SOLAR BLOCK MONTHLY CHARGES

# Subject to the Program Provisions and Special Terms set forth below:

Service Classification	Solar Block Charges (100 kWh Block)	
Residential 1(M)		
	Solar Generation Charge	\$12.70
	Total Facilities Charge	\$3.08
	Total Solar Block Charge	\$15.78
Small General 2(M)		
	Solar Generation Charge	\$12.70
	Total Facilities Charge	\$2.23
	Total Solar Block Charge	\$14.93

DATE OF ISSUE _	April 27, 2016	DATE EFFECTIVE	May 27, 2016
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		01	riginal	SHEET NO.	164.1
CANCELLING MO.P.S.C. SCHEDULE NO. $\_$					SHEET NO.	
APPLYING TO MIS	SOURI	SERVICE	AREA			

### SUBSCRIBER SOLAR PILOT PROGRAM (Cont'd.)

#### MONTHLY BILL

All terms and conditions of the customer's applicable standard service classification tariff shall apply to this Program with the following exception:

The solar blocks supplied under this Program, pursuant to the customer's subscribed amount, will replace an equal amount of kWh the customer would otherwise be billed under their Energy Charge and Energy Efficiency Program Charge.

All other usage based charges in the customer's applicable tariff schedule will be billed at the actual metered electricity usage.

### TERM OF PROGRAM

The term of the Program will be three (3) years. However, this tariff shall immediately become void, and the Company shall have no further obligations or liabilities hereunder, if any term or terms of this Program are determined to be discriminatory or otherwise unlawful by a court of competent jurisdiction.

### PROGRAM PROVISIONS AND SPECIAL TERMS

- 1. Qualifying Customers are eligible to subscribe to at least one (1) solar block, regardless of their annual usage, as long as they meet all other provisions.
- 2. In any given billing month, excess solar generation will not be carried over into any subsequent billing month.
- 3. All rights to the solar renewable energy certificates (SREC) associated with the generation output of the solar facility will be owned by the Company and retired on behalf of its customers.
- 4. The functionalized generation costs associated with the solar block will be fixed for Program duration until additional capacity is added to or retired from the Program, while all other functionalized costs associated with the solar block, including, but not limited to transmission, distribution and customer service will be adjusted to equal changes in those costs utilized to set future general service rates in approved rate cases and allocated based on the customer's standard class of service.
- 5. Where additional solar generation is added to the Program, the levelized cost of the new solar generation will be averaged with the remaining levelized cost of existing solar generation to determine the new fixed levelized cost that contributes to the total cost of the solar block. This change would apply to all subscribers under the Program.
- 6. Payments for solar blocks will be due no later than the due date shown on the bill and will be incorporated into the customer's standard billing cycle.
- 7. Any customer being served or having been served on this Program waives all rights to any billing adjustments arising from a claim that the customer's service would be at a lower cost had it not participated in the Program for any period of time.

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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	-	Or	iginal	SHEET NO.	164.2
CANCELLING MO.P.S.C. SCHEDULE NO. $\_$		-			SHEET NO.	
APPLYING TO MIS	SOURI	SERVICE	AREA			

### SUBSCRIBER SOLAR PILOT PROGRAM (Cont'd.)

#### PROGRAM PROVISIONS AND SPECIAL TERMS (Cont'd.)

- 8. If a customer moves to another location within the Company's Missouri service territory the customer's subscription will also transfer, provided the total kWhs of the subscribed amount is less than the new location's average annual historical monthly usage. If the new location's subscription level exceeds the allowed amount the subscription will be adjusted down accordingly to the greater of: a) 100 kWh or b) the total blocks sum below the 50% threshold.
- 9. Subscription cancelations will result in available solar blocks going back into the Subscriber Solar Availability Bank. Any surplus of kWh from solar blocks will be forfeited back into the Subscriber Solar Availability Bank without any monetary reimbursement to subscriber.
- 10. Customers that subscribe will continue as Program participants until they cancel their subscription or the Program is terminated. New subscriptions and cancelations require notice 20 days prior of the end of the customer's billing cycle and will take effect at the beginning of the next applicable billing cycle.
- 11. Any customer who terminates Program participation must wait three (3) months after the first billing cycle without a subscription to re-enroll in the Program.
- 12. Customers with Net Metering agreements or Time-of-Day Service are ineligible for the Program.
- 13. The Program will have an initial subscription window of 4 months to determine the size of the first subscriber solar facility. The initial facility will be no smaller than 500kW with a maximum of 1MW capacity. A project will not be built until the Program is subscribed up to the 500kW of capacity. Any additional customers who subscribe after the initial 500kW becomes fully subscribed will be placed on a waiting list until an additional 500kW of capacity is subscribed and then added to the system. However, should additional blocks become available under the initial 500kW offering due to customers dropping out, customers on the waiting list will be offered the opportunity to subscribe.

# GENERAL RULES AND REGULATIONS

In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to service supplied under this Program.

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