

NEBRASKA PUBLIC POWER DISTRICT

Schedule: SI-RIDER Issued: 12/19/18
 Supersedes Schedule: SI-RIDER Issued: 12/20/17
 Sheet No: 1 of 5 Sheets

SIMULTANEOUS BUY/SELL SERVICE RIDER RATE SCHEDULE
(Name of Schedule)

AVAILABLE: In the retail distribution service territory of the District.

APPLICABLE: To Customers with Qualifying Customer Generation where such generator(s) do not qualify for or take service under the Net Metering Service Rider Rate Schedule (NM-Rider) or the Standby Service Rider Rate Schedule (ST-Rider), to Customers with Non-Qualifying Renewable Customer Generation, and to Customers with Non-Qualifying Non-Renewable Customer Generation installed with an aggregate nameplate capacity of 500 kW and above.

Customers taking service under this Rate Schedule will not be allowed to use the applicable Customer Generation to also take service under the Energy Curtailment Service Rider Rate Schedule (EC-Rider). This Rate Schedule is not applicable to Emergency Backup Generators.

DEFINITIONS:

1. **Avoided Cost** – The generation and/or purchased power costs that the District avoids as a result of purchasing the output of a Customer Generator. Avoided Costs may include energy and/or capacity and are developed in accordance with Federal Energy Regulatory Commission (FERC) regulations (18 CFR Part 292, as amended) for small power production and cogeneration facilities. On a case-specific basis, the District will determine Avoided Costs based on appropriate factors including by way of example but not limitation future resource cost estimates for supply-side and demand-side resources, recent resource cost experience, system modeling, market options, or competitive resource procurement responses. NPPD's Avoided Costs shall be based on the provisions included in the "NPPD Policy Governing Purchases From Any PURPA Qualified Facility".
2. **Customer Generation (or Customer Generator)** – A generator (or group of generators) designed to produce electrical energy to serve local load, typically located on the Customer's side of the meter. If more than one generator is located in the same installation, the aggregate nameplate rating of all generators shall be used in determining the applicable requirements and payment and billing provisions included in this Rate Schedule and in the District's policies for customer generation.
3. **Emergency Backup Generation (or Emergency Backup Generator)** – A generator(s) that is used by a Customer only when the District's electric service is interrupted or when the generator is being tested.

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Approved: 12/13/18

Resolution No: 18-48

Effective: February 1, 2019

Issued by: *Walter J. Swartz*

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4. Non-Qualifying – Does not meet the definition of a Qualifying Customer Generator.
5. Non-Renewable – Does not meet the definition of a Renewable Customer Generator.
6. Qualifying – Satisfies the criteria for qualifying status for small power production facilities and cogeneration facilities as set forth in FERC’s regulations (18 CFR Part 292, as amended), and that has either followed the FERC’s self-certification process or has applied for and received FERC certification as a qualifying facility.
7. Renewable – A generator that utilizes as its energy source methane from waste, wind, solar, biomass, hydropower, or geothermal resources.
8. Simultaneous Buy/Sell – a billing/payment method in which the output of a Customer Generator is metered separately from the Customer’s load so that the following calculations can be performed:
 - a. The electric energy output of the Customer Generator is added back in to the Customer’s metered load when computing the Customer’s billing units under the provisions of the Customer’s standard rate schedule, and any other applicable riders.
 - b. The Customer is paid for the entire electric energy output of the Customer Generator at the rates stated in this Rate Schedule, at the District’s Avoided Costs, or at the mutually agreed price stated in the written purchase agreement between the District and Customer Generator.

ADMINISTRATIVE CHARGE: An administrative charge of \$20.00 per month will apply for service provided under this Rate Schedule.

METERING: For service provided under this Rate Schedule, the District will install all metering equipment necessary to meter the electric energy output of each applicable Customer Generator to ensure adequate measurements are obtained to support necessary application of Customer’s standard rate schedule and applicable riders as well as charges, credits, and payments under this Rate Schedule. The electric energy output of multiple Customer Generators of the same type at a single location may be measured with a single meter where practical as determined by the District. The Customer shall be required before service commences under this Rate Schedule to

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Approved: 12/13/18 Resolution No: 18-48 Effective: February 1, 2019
 Issued by: Vicki L. Stewart

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reimburse the District for the necessary investment in metering equipment to implement the provisions of this Rate Schedule.

RETAIL BILLING PROCEDURE:

The metered electric energy output of the Customer Generator during all hours of the billing period shall be adjusted for losses to the Customer's account metering point and added in to the Customer's other metered loads (if appropriate based on the meter configuration) to determine the Customer's total load including the load served by the applicable Customer Generator(s). This total metered load shall be used in determining the Customer's demand and energy billing units used to bill the Customer based on the Customer's applicable standard rate schedule and any other applicable riders, including application of the appropriate Base Rate Adjustment provisions. The District shall determine demand and energy loss factors, as applicable, from the Customer Generator's metering point to the Customer's account metering point.

CUSTOMER PAYMENT PROCEDURE:

The District shall pay the Customer for the entire electric energy output of its Customer Generator based on the applicable provisions in this section. This payment shall be made as a credit to the Customer's billing for their total usage under their applicable standard rate schedule and any other applicable riders up to the amount of the total bill. The Base Rate Adjustment provisions of the Customer's standard rate schedule shall not apply to this credit. Any remaining monetary credit will be carried forward to the subsequent billing period as an offset to future charges, or at the option of the District, a separate payment will be made to the Customer.

- 1. For Qualifying Customer Generators with aggregate nameplate capacity less than or equal to 100 kW, and for Non-Qualifying Renewable Generators with aggregate nameplate capacity less than 2,000 kW that do not exceed the load of the Customer:

Summer:

For the period June 1 through September 30, the rate for purchase of all electrical energy output by the applicable Customer Generator(s) shall be as follows:

Wind generation:	4.80¢ per kilowatt-hour
Photo-voltaic generation:	8.63¢ per kilowatt-hour
Base load generation (e.g., methane fueled):	4.41¢ per kilowatt-hour

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Effective: February 1, 2019

Approved: 12/13/18

Resolution No: 18-48

Issued by: *Verdel A. Swartz*

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Winter:

For the period October 1 through May 31, the rate for purchase of all electrical energy output by the applicable Customer Generator(s) shall be as follows:

Wind generation:	4.05¢ per kilowatt-hour
Photo-voltaic generation:	4.94¢ per kilowatt-hour
Base load generation (e.g., methane fueled):	4.39¢ per kilowatt-hour

The output of the Customer Generation shall be prorated for application of a change in rate or changing from summer to winter or from winter to summer rates. Such proration shall be accomplished by utilizing either the Customer's actual generation output in each time period, or by fractionalizing the total generation output according to the number of days of service corresponding to each time period by using the District's billing system.

2. For Qualifying Customer Generators and Non-Qualifying Renewable Generators that do not meet the requirements specified in section 1 above and for Non-Qualifying Non-Renewable Customer Generators with aggregate nameplate capacity of 500 kW and above:

A written purchase agreement in a form and substance determined by the District between the District and the Customer will be required. The rate for purchase of the electric energy output of such a Customer Generator shall be based on the District's Avoided Costs or at the mutually agreed price stated in the written purchase agreement. The purchase agreement will provide for payments by the District to the Customer for the entire metered delivered electric energy output of the applicable Customer Generator (adjusted for applicable losses determined by the District). Whether the Avoided Cost methodology or mutually agreed pricing is used, the pricing for the Customer Generator output will be determined on a case-specific basis depending on several factors and adjustments to the degree they apply to the delivered energy being purchased, including but not limited to the following:

- a) The District's need for capacity and energy during the term of the purchase agreement and the capability provided by the Customer Generator for the District to avoid generation costs.
- b) The District's most recently published cost data.

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Approved: 12/13/18Resolution No: 18-48Effective: February 1, 2019Issued by: *Verdell A. Hunt*

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- c) The availability of the capacity and energy during the District's electric system daily and seasonal peak periods, considering the Customer Generation's dispatchability, reliability, coordination of scheduled outages, availability and usefulness of energy and capacity during the District's electric system emergencies, and capacity accreditation status.

TERMS AND CONDITIONS:

1. The Customer shall comply with all applicable terms and conditions of their appropriate standard rate schedule and applicable riders.
2. Customers with Customer Generation meeting the type, size, and other requirements in section 2 of the Customer Payment Procedure shall be billed on a calendar month basis.
3. The Customer shall comply with all applicable notification, interconnection, approvals, and other requirements established under the District's then current policies for customer generation.
4. The Customer shall maintain ownership of all current and future attributes of an environmental nature (e.g., green tags, allowances, and certificates) associated with the output of their generation, unless the District purchases such attributes at a mutually agreed price.
5. The District retains and reserves the right, power and authority to modify, revise, amend, replace, repeal or cancel this Rate Schedule, at any time and in whole or in part, by resolution adopted by the District's Board of Directors.

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