

**Schedule No. NMR-A
 (RESIDENTIAL AND SMALL GENERAL SERVICE) NET METERING RIDER-A**

APPLICABLE

This Rider is applicable to all Customer-generators in conjunction with any of the Utility's NEM Rate Schedules (i.e., D-1-NEM, OD-1-TOU-NEM, DM-1-NEM, ODM-1-TOU-NEM, GS-1-NEM, OGS-1-TOU-NEM), except those eligible for the NMR-G rider. This Rider is applicable to all Customer-generators who are Users of electricity from either one of the following two types of generating facilities:

First, a facility or energy system for the generation of electricity that uses renewable energy, as that term is defined in NRS 704.7811, as its primary source of energy to generate electricity that:

1. Has a Generating Capacity of not more than 1,000 kilowatts;
2. Is located on the Customer-generator's Premises;
3. Operates in parallel with the Utility's transmission and distribution facilities; and
4. Is intended primarily to offset part or all of the Customer-generator's requirements for electricity being supplied from the Utility.

Second, a facility or energy system for the generation of electricity that uses waterpower as its primary source of electricity that:

1. Has a Generating Capacity of not more than 1,000 kilowatts;
2. Is located on property owned by the Customer-generator;
3. Generates electricity that is delivered to the transmission and distribution facilities of the Utility;
4. Is intended primarily to offset all or part of the Customer-generator's requirements for electricity on that property or contiguous property owned by the Customer-generator.

In either case, a Net Metering System shall not have a Generating Capacity that exceeds the greater of: a) The limit on the demand that the class of Customer of the Customer-generator may place on the Utility's system; or b) one hundred percent of the Customer-generator's annual requirements for electricity.

The Commission may close this Rider to new customers if it finds that doing so is in the public interest.

TERRITORY

Throughout the Utility's Nevada service territory.

RATES

All rates charged under this Rider will be in accordance with the Customer-generator's Applicable Rate Schedule as defined subject to the Rate Schedule Designation section below. This Rider is not applicable to Schedule No. SSR – Small Standby Service Rider or Schedule No. LSR-Large Standby Service Rider.

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Schedule No. NMR-A
(RESIDENTIAL AND SMALL GENERAL SERVICE) NET METERING RIDER-A
 (Continued)
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RATES (Continued)

RATE SCHEDULE DESIGNATION

Customer-generators served under this rider, will not be eligible to migrate between rate schedules once initially designated, except under the conditions discussed in this section. The Applicable Rate Schedule for the Customer-generator's service under this rider shall be determined as follows:

1. If the Customer is a residential Customer the Applicable Rate Schedule will be D-1-NEM, OD-1-TOU-NEM, DM-1-NEM, or ODM-1-TOU-NEM as applicable.
2. If the Customer is a non-residential Customer with a demand absent generation of less than fifty (50) kW and monthly energy consumption absent generation less than 10,000 kWh they will be designated GS-1-NEM unless the Customer chooses OGS-1-TOU-NEM.

Once designated, the Applicable Rate Schedule will be applied in every billing period for the duration of the Agreement. However, in the event the non-residential Customer-generator's underlying load permanently changes due to circumstances such as growth, reduction in service or the undertaking of significant energy efficiency measures (i.e., load reduction measures separate from the effect of the Net Metering System), such changes may affect the Applicable Rate Schedule under which the Customer-generator would most typically or predominantly be served absent generation. In such instances the Utility may adjust the designated Applicable Rate Schedule if it determines such changes to be long-term or permanent, absent the effect of the Net Metering System.

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(Continued)

SPECIAL CONDITIONS

1. Definitions.

As used in this Rider, unless the text otherwise requires, the capitalized words and terms defined in this condition and Rules 1 and 15 shall have the meaning ascribed to them.

- A. Customer-generator means a user of a Net Metering System.
- B. Generating Capacity shall be stated in the net metering agreement based on the AC rating. If the Customer-generator has more than one Net Metering System, the capacity of all systems shall be totaled for purposes of determining eligibility under this Rider.
- C. Metering means the measurement of electrical power flowing in kilowatts or kilowatt hours.
- D. Metering Equipment means the bidirectional billing meter and all associated equipment, hardware, and software including meter cabinets and conduit that is necessary for metering.
- E. Applicable Rate Schedule means the schedule designated pursuant to the Rate Schedule Designation section above.
- F. User means a Customer-generator of the Utility at the premises where a Net Metering System is located that serves part or all of that Customer-generator's electrical load.
- G. For the purpose of the APPLICABLE Section B. of this Rider, contiguous means either abutting directly on the boundary or separated by a street, alley, public right-of-way, creek, river or the right-of-way of a railroad or other public service corporation.

2. Metering Equipment.

- A. For all Net Metering Systems:
 - (1) Electricity delivered by the utility to the Customer-generator or received by the Utility from the Customer-generator shall be measured using an Interval Meter, as defined in Rule 1, capable of registering the flow of electricity in two directions, for intervals no greater than 15 minutes. The electrical power measurements will be used for billing the Customer Generator.
 - (2) The Utility shall furnish, install and own the appropriate Meter used for billing. A Meter installation location and a Meter socket shall be furnished by the Customer-generator and approved by the Utility, and shall, at reasonable times, be accessible for installing, reading, testing and maintaining the Meter.

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Senior Vice President

**Schedule No. NMR-A
 (RESIDENTIAL AND SMALL GENERAL SERVICE) NET METERING RIDER-A
 (Continued)**

SPECIAL CONDITIONS (Continued)

2. Metering Equipment. (Continued)

A. For all Net Metering Systems: (Continued)

- (3) If the cost of purchasing and installing a Net Metering System was paid for in whole or in part by the Utility, the electricity generated by the Net Metering System shall be measured using a Meter (“generation meter”), furnished, installed and owned by the Utility, which is capable of measuring generation output. A Meter installation location and Meter socket shall be furnished by the Customer-generator and approved by the Utility, and shall at reasonable times, be accessible for installing, reading, testing and maintaining the generation meter.
- (4) If the cost of purchasing and installing a Net Metering System was not paid for in any way by the Utility, electricity generated by the Net Metering System may, at the Utility’s discretion, be measured using a Meter (“generation meter”), furnished, installed and owned by the Utility, which is capable of measuring generation output. A Meter installation location shall be furnished by the Customer-generator and approved by the Utility, and shall at reasonable times, be accessible for installing, reading, testing and maintaining the generation meter.
- (5) Service switches, Meter sockets, Meter Enclosures, cutouts and similar devices, irrespective of voltage, normally required in connection with billing under the Utility’s Applicable Rate Schedule, shall be furnished, installed, maintained and owned by the Customer-generator at no cost to the Utility.

3. Net Energy Metering and Billing

A. For Net Metering Systems of any size:

- (1) The Utility shall measure during the billing period, in kilowatt-hours, the
- (2) Energy delivered and received after the Customer-generator contemporaneously serves their own load in accordance with the Utility’s normal procedures that are described in its tariffs and netted in each hour. Additionally, Banked Energy accumulated prior to January 1, 2016, if any, will be netted against the delivered energy. (N)
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- (3) Excess energy received by the Utility, accumulated after the hourly netting will not be included in the measurement of net delivered energy. (N, D)

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Schedule No. NMR-A
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 (Continued)

SPECIAL CONDITIONS (Continued)

3. Net Energy Metering and Billing (Continued)

A. Net Metering Systems (Continued)

- (4) For all excess energy received by the Utility, after hourly netting, the Customer will receive a credit at the Excess Energy Credit Rate approved by the Commission. If the Customer-generator's Applicable Rate Schedule contains time-of-use rates, such Excess Energy Credits will be valued based on the received energy and the Excess Energy Credit Rate by time-of-use period in which the excess energy was delivered to the Utility. The Excess Energy Credit rates are reflected in the Statement of Rates.
- (5) In the event that energy is supplied to the customer by the Utility during the billing period, the Utility shall bill the Customer-generator consumption charges, excluding the consumption charges described in 3. D., for the net energy supplied by the Utility, reduced by any balance of banked energy accumulated prior to January 1, 2016, if any, based on the Customer-generator's Applicable Rate Schedule.
- (6) In addition to the consumption charges described in 3.A.(5) and 3.D., the monthly basic service charges shall apply pursuant to the Customer-generator's Applicable Rate Schedule.
- (7) In the event that the Excess Energy Credit results in a credit due to the Customer in any monthly billing, the credit will be rolled over and applied to the next monthly bill. If at the end of the year a credit still exists, the Customer will be paid the credit balance without interest.

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B. The Customer-generator's net excess electrical energy received by the Utility after January 1, 2016 will not be banked and carried forward to subsequent periods. The Customer-generator is not entitled to receive compensation for any banked energy accumulated prior to January 1, 2016 in any scenario, including, without limitation if:

- (1) The Net Metering System ceases to operate or is disconnected from the Utility's system;
- (2) The Customer-generator ceases to be a Customer of the Utility at the Premises served by the Net Metering System; or
- (3) The Customer-generator transfers the Net Metering System to another person.

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SPECIAL CONDITIONS (Continued)

3. Net Energy Metering and Billing (Continued)

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C. The Customer-generator's existing banked excess energy as of January 1, 2016, measured in kWh, may only be used to offset consumption measured in kWh (consumption charges, excluding the consumption charges described in 3. D.,) and cannot be used to reduce any other fee or charge imposed by the Utility pursuant to the Customer-generator's Applicable Rate Schedule.

D. Pursuant to NRS 704.773 (5), the Utility shall assess against the Customer-generator:

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- (1) If applicable, the Universal Energy Charge imposed pursuant to NRS 702.160;
- (2) Any charges imposed pursuant to chapter 701B of NRS or NRS 704.7827 or 704.785 which are assessed against other customers in the same rate class as the Customer-generator; and

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For any such charges calculated on the basis of a kilowatt-hour rate, the Customer-generator must only be charged with respect to the kilowatt-hours of energy delivered by the Utility to the Customer-generator and are not subject to netting by any energy generated by the Customer-generator.

4. Agreement. A standard form agreement for service under this Rider is required. The service agreement will include, at a minimum the following:

- A. The description of facilities to be interconnected including the nameplate capacity of the net generating system;
- B. The requirements for maintenance of the interconnection facilities;
- C. Provisions for access by the Utility to the Premises where the Net Metering System is located pursuant to Rule 16;
- D. Provisions for the interruption of delivery of electricity pursuant to Rules 5 and 8;
- E. A description of the liabilities and rights of indemnity of both the Customer-generator and the Utility;
- F. The term of the agreement and the process for renewal of the agreement. The term of the agreement shall be for a minimum of not less than one year;

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 (Continued)

SPECIAL CONDITIONS (Continued)

4. Agreement. (Continued)

- G. A description of the disposition of portfolio energy credits, and a statement that portfolio energy credits issued pursuant to the Solar Energy Systems Incentive Program, Renewable Generations, Wind Energy Systems Demonstration Program, or Waterpower Energy Systems Demonstration Program must be assigned to and become the property of the Utility administering the programs;
- H. A representation that the facilities meet all requirements of a Net Metering System under NRS 704.771; and
- I. Customer-generator's Applicable Rate Schedule.

5. Interconnection. Prior to interconnection, the Customer-generator must comply with the requirements of the Utility's Rule 15 which describe the application and interconnection process including but not limited to, level of review and timeline for processing applications and agreements based upon the allowable size of the Net Metering System.

- A. The Customer-generator and or the Utility, as appropriate, shall provide Interconnection Facilities and upgrades to the system of the Utility that adequately protect the Utility's Distribution System, personnel, and other persons from damage or injury, which may be caused by the operation of the Net Metering System or are necessary to make the Net Metering System compatible with the system of the Utility.
- B. The Customer-generator shall be solely responsible for the costs, design, purchase, construction, operation, and maintenance of the Interconnection Facilities that the Customer-generator owns including, but not limited to inverters, disconnect switches, protective relays or automatic disconnect devices such as fuses and circuit breakers.
- C. A Net Metering System must meet all applicable safety and power quality standards established by the National Electric Code, Underwriters Laboratories Inc., and the Institute of Electrical and Electronic Engineers and is solely responsible for all costs to do so.
- D. A Customer-generator whose Net Metering System complies with the safety and power standards of 5. C., above, shall not be required purchase additional liability insurance arising solely from its status as a Customer-generator.
- E. Pursuant to Rule 15.D,15.F.2 and Rule 9, in particular Rule 9.A.6.a.1, the Customer-generator will be responsible for the cost of required Interconnection Facilities and associated modifications to the Utility's Distribution system.

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SPECIAL CONDITIONS (Continued)

6. Disposition of Renewable Energy Credits. If the cost of purchasing and installing a Net Metering System was paid for:

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- A. In whole or in part by the Utility, the electricity generated by the Net Metering System shall be deemed to be electricity that the Utility generated or acquired from a renewable energy system for the purpose of complying with the portfolio standard pursuant to NRS 704.7801 to 704.7828, inclusive. Installation of Meters by the Utility or upgrades to the Utility's system does not entitle the Utility to the portfolio energy credits generated by the Customer-generator's Net Metering System.
- B. Entirely by a Customer-generator, the Commission shall issue to the Customer-generator portfolio energy credits for use within the system of portfolio energy credits adopted by the Commission pursuant to NRS 704.7801 to 704.7828, inclusive.

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SIERRA PACIFIC POWER COMPANY dba NV Energy
6100 Neil Road, Reno, Nevada
Tariff No. Electric No. 1

Cancelling 3rd Revised
2nd Revised

PUCN Sheet No. 81D(3)(f)
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HELD FOR FUTURE USE

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SIERRA PACIFIC POWER COMPANY dba NV Energy

6100 Neil Road, Reno, Nevada

3rd Revised

PUCN Sheet No. 81D(3)(g)

Tariff No. Electric No. 1

Cancelling 2nd Revised

PUCN Sheet No. 81D(3)(g)

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HELD FOR FUTURE USE

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