

Schedule No. NMR-B (Non-Residential and Non-Small General Service)

(T, L, D)

NET METERING RIDER-B

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APPLICABLE

This Rider is offered to Customers (“Customer-generators”) that are not required to take service under NMR-A (Net Metering Rider-A) who in conjunction with any of the Utility’s non-residential rates schedules for the purchase of electricity, are Users of electricity from any one of the following two types of generating facilities:

- A. 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.

- B. A facility or energy system for the generation of electricity that uses waterpower as its primary source of electricity that:
 - 1. Is located on property owned by the Customer-generator;
 - 2. Has a generating capacity of not more than 1,000 kilowatts;
 - 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.

The electrical generation facilities described above will be referred to as a Net Metering System as defined in Rule No. 1 and NRS 704.771. 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.

This Rider is closed to Customers taking service under NMR-A.

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TERRITORY

Throughout the Utility’s Nevada service territory.

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RATES

All rates charged under this Rider will be in accordance with the Customer-generator's otherwise-applicable rate schedule ("OARS") that would be in effect in the absence of the Net Metering System. A Customer-generator served under this Rider is responsible for all charges from its OARS including monthly basic service charges, facilities charges and demand charges as applicable. Consumption charges, to the extent that consumption is not offset by the Customer-generator's Net Metering System, also apply. Charges are listed in the Utility's Schedule of Rates for the Customer-generator's OARS and will be applied based on the calculations described in Special Condition 3, below. Charges or fees that would increase the Customer-generator's minimum monthly charge to an amount greater than that of other customers of the Utility in the same class as the Customer-generator shall not apply. Standby charges shall not apply.

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

1. For existing Customers who add generation facilities meeting the characteristics under the APPLICABLE section above, the OARS will be the rate schedule that the Customer-generator received service under for the majority of the 12 billing periods prior to the installation and energization of the generation facilities.
2. If the preceding 12 month billing period history under subsection 1, above, does not exist or does not fully exist, the applicable OARS shall be based on the Utility's estimate of the Customer-generator's most typical or predominant demand and energy usage over a 12 month period.

The OARS, once established as described above, will be applied in every billing period for the duration of the Agreement. However, in the event the 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 OARS under which the Customer-generator would most typically or predominantly be served. In such instances the Utility may adjust the OARS as determined to be appropriate due to such long-term or permanent changes in load requirements, absent the effect of the Net Metering System.

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.

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SPECIAL CONDITIONS

1. Definitions. (Continued)

- A. Customer-generator means a user of a Net Metering System.
- B. Generating Capacity means the sum total of the nameplate capacities of the electrical generating units and/or the AC output of the inverter of a particular renewable energy system or combination of renewable energy systems.
- C. Metering means the measurement of electrical power flowing in kilowatts and/or kilowatt hours.
- D. Metering Equipment means all equipment, hardware, and software including meter cabinets and conduit that is necessary for metering.
- E. Otherwise applicable rate schedule (OARS) means the Utility's rate schedule that would otherwise be applicable for the Customer in the absence of the Net Metering System.
- F. User means a Customer at the premises where the Net Metering System is located.
- G. For the purpose of the APPLICABLE Section B. of this schedule, 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 Net Metering Systems (excluding Waterpower systems as specified in APPLICABLE Section B) with Nameplate Capacity of not more than 25 kilowatts:
 - (1) Electricity shall be measured using a Meter, as defined in Rule 1, capable of registering the flow of electricity in two directions.
 - (2) Service switches, Meter sockets, Meter Enclosures, cutouts and similar devices, irrespective of voltage, normally required in connection with billing under the Utility's OARS shall be furnished, installed, maintained and owned by the Customer-generator at no cost to the Utility.
 - (3) The Utility shall furnish, install and own the appropriate Meter used for billing. An installation location shall be furnished by the Customer-generator and approved by the Utility, and shall, at reasonable times, be accessible for reading, testing and maintaining the Meter.

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(Continued)

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SPECIAL CONDITIONS (Continued)

2. Metering Equipment. (Continued)

- B. For Waterpower Net Metering Systems as specified in APPLICABLE Section B with Nameplate Capacity of not more than 25 kilowatts:
 - (1) Electricity generated by the Net Metering System shall be measured using a Meter, furnished by the Utility, which is capable of measuring generation output. An installation location shall be furnished by the Customer-generator and approved by the Utility, and shall at reasonable times, be accessible for reading, testing and maintaining the Meter.
 - (2) The Utility shall furnish, install and own the appropriate Meter(s) used for billing of the Customer-generator's consumption. Installation location(s) shall be furnished by the Customer-generator and approved by the Utility, and shall at reasonable times, be accessible for reading, testing and maintaining the Meter(s).
 - (3) Service switches, Meter sockets, Meter Enclosures, cutouts and similar devices, irrespective of voltage, normally required in connection with billing under the Utility's OARS shall be furnished, installed, maintained and owned by the Customer-generator at no cost to the Utility.

- C. For Net Metering Systems (excluding Waterpower systems as specified in APPLICABLE Section B) with Nameplate Capacity of greater than 25 kilowatts up to the maximum limitation of 1,000 kilowatts:
 - (1) Electricity shall be measured using a Meter, as defined in Rule 1, capable of registering the flow of electricity in two directions. The Customer-generator shall be responsible for the incremental costs of such a Meter over and above the costs of a standard Meter that would otherwise be installed under the Customer-generator's OARS.
 - (2) Service switches, Meter sockets, Meter Enclosures, cutouts and similar devices, irrespective of voltage, required in connection with billing under the Utility's OARS and this Rider shall be furnished, installed, maintained and owned by the Customer-generator at no cost to the Utility.
 - (3) The Utility shall furnish, install and own the appropriate Meter used for billing of the Customer-generator. An installation location shall be furnished by the Customer-generator and approved by the Utility, and shall at reasonable times, be accessible for reading, testing and maintaining the Meter(s).

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(Continued)

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SPECIAL CONDITIONS (Continued)

2. Metering Equipment. (Continued)

C. Net Metering Systems (Continued)

(4) The Utility may require the Customer-generator to install, at its costs, an energy meter that is capable of measuring generation output and customer load and any upgrades to the Utility's system that are required to make the Net Metering System compatible with that of the Utility.

D. For Waterpower Net Metering Systems as specified in APPLICABLE Section B with Nameplate Capacity of greater than 25 kilowatts up to the maximum limitation of 1,000 kilowatts:

- (1) The Utility may require the Customer-generator to install, at the Utility's costs, an energy meter that is capable of measuring generation output and customer load and any upgrades to the Utility's system that are required to make the Net Metering System compatible with that of the Utility.
- (2) The Utility shall furnish, install and own the appropriate Meter(s) used for billing of the Customer-generator's consumption. Installation location(s) shall be furnished by the Customer-generator and approved by the Utility, and shall at reasonable times, be accessible for reading, testing and maintaining the Meter(s). The Customer-generator shall be responsible for the incremental costs of such a Meter(s) over and above the costs of a standard Meter(s) that would otherwise be installed under the Customer-generator's OARS.
- (3) Service switches, Meter sockets, Meter Enclosures, cutouts and similar devices, irrespective of voltage, required in connection with billing under the Utility's OARS and this Rider 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 (excluding Waterpower systems as specified in APPLICABLE Section B):

(1) The Utility shall measure, in kilowatt-hours, the net energy produced or consumed during the billing period in accordance with the Utility's normal procedures that are described in its tariffs.

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(Continued)

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SPECIAL CONDITIONS (Continued)

3. Net Energy Metering and Billing (Continued)

A. Net Metering Systems (Continued)

- (2) In the event the energy generated exceeds the energy consumed during the billing period, no payment will be made by the Utility for the excess energy delivered into the Utility's grid. However, such excess energy, measured in kilowatt-hours, shall be carried forward to future billing periods as an energy credit and applied to the net energy produced or consumed in subsequent billing periods. If the Customer-generator's OARS contains time-of-use rates, such energy credits will be applied to the same time-of-use period in which they were generated. If the subsequent billing period lacks a corresponding time-of-use period, such energy credits will be apportioned evenly among the available time-of-use periods.
- (3) In the event that the energy supplied by the Utility during the billing period exceeds the energy generated by the Customer-generator during the same period, the Utility shall bill the Customer-generator consumption charges, excluding the consumption charges described in 3. E., for the net energy supplied by the Utility reduced by any credit balance remaining from previous billing periods, if any, based on the Customer-generator's OARS.
- (4) In addition to the consumption charges described in 3. A. (3) and 3. E., monthly basic service charges, facilities charges and demand charges as applicable and shall apply pursuant to the Customer-generator's OARS.

B. For Waterpower Net Metering Systems as specified in APPLICABLE Section B:

- (1) The Utility shall measure, in kilowatt-hours, the energy generated and delivered to the Utility transmission and distribution system during the billing period and net it with the energy supplied by the Utility to the Customer-generator during the billing period on the property or contiguous property owned by the Customer-generator.
- (2) As a limited exception to Rule 5. A. 1., for Customer-generators with multiple consumption meters and multiple OARS on the property or contiguous property, the Utility, in the net metering process, will allocate any kilowatt-hours generated and delivered to the Utility's grid to the consumption meters based on each meter's proportional share of the total kilowatt-watt hours supplied by the Utility during the billing period.

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SPECIAL CONDITIONS (Continued)

3. Net Energy Metering and Billing (Continued)

B. Waterpower Net Metering (Continued)

- (2) (Continued). If one or more consumption meters are on a time-of-use schedule meter each time-of-use meter's share of kilowatt-hours generated and delivered to the Utility's grid will be allocated to the individual time-of-use periods based on the proportion of kilowatt-hours generated in each time-of-use period.
- (3) In the event the energy generated and delivered to the Utility's grid exceeds the energy supplied by the Utility during the billing period, no payment will be made by the Utility for the excess energy delivered to the Utility's grid. However, such excess energy, measured in kilowatt-hours, shall be carried forward to future billing periods as an energy credit and applied to the net energy produced or consumed in subsequent billing periods. If the Customer-generator's OARS contains time-of-use rates, such energy credits will be applied to the same time-of-use period in which they were generated. If the subsequent billing period lacks a corresponding time-of-use period, such energy credits will be apportioned evenly among the available time -of-use periods
- (4) In the event the energy supplied by the Utility during the billing period exceeds the energy generated by the Customer-generator and delivered to the Utility's grid during the billing period, the Utility shall bill the Customer-generator consumption charges, excluding the consumption charges described in 3. E., for the net energy supplied by the Utility reduced by any credit balance remaining from previous billing periods, if any, based on the Customer-generator's OARS
- (5) In addition to the consumption charges described in 3. B. (4) and 3. E., monthly basic service charges, facilities charges and demand charges as applicable shall apply pursuant to the Customer-generator's OARS.

C. Excess electrical energy may be carried forward to subsequent periods indefinitely; however, the Customer-generator is not entitled to receive compensation for any excess that remains if:

- (1) The Net Metering System ceases to operate or is disconnected from the Utility's system;

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(Continued)

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SPECIAL CONDITIONS (Continued)

3. Net Energy Metering and Billing (Continued)

- C. Excess Electrical Energy (Continued)
 - (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.
- D. The excess energy measured in kWh may only be used to offset consumption measured in kWh (consumption charges, excluding the consumption charges described in 3. E.,) and cannot be used to reduce any other fee or charge imposed by the Utility pursuant to the Customer-generator's OARS.
- E. Pursuant to Assembly Bill 428 passed in the 2013 Nevada Legislative Session, the Utility shall assess against the Customer-generator:
 - a. If applicable, the Universal Energy Charge imposed pursuant to NRS 702.160; and
 - b. 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.

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)

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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, Wind Energy Systems Demonstration Program, or Waterpower Energy Systems Demonstration 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 OARS.

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 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.
- 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.
- D. A Customer-generator whose Net Metering System complies with the safety and power standards of 5. C., above, shall not be required to comply with additional standards or requirements, perform additional tests, install additional controls or purchase additional liability insurance arising solely from its status as a Customer-generator.

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NEVADA POWER COMPANY dba NV Energy
P.O. Box 98910
Las Vegas, NV 89151
Tariff No. 1-B
cancels
Tariff No. 1-A (withdrawn)

Cancelling 1st Revised PUCN Sheet No. 33G(15)
Original PUCN Sheet No. 33G(15)

Schedule No. NMR-B (Non-Residential and Non-Small General Service)
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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:
- 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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NEVADA POWER COMPANY dba NV Energy

P.O. Box 98910

Las Vegas, NV 89151

Tariff No. 1-B

replaces

Tariff No. 1-A (withdrawn)

1st Revised

Original

PUCN Sheet No. 33G(16)

PUCN Sheet No. 33G(16)

HELD FOR FUTURE USE

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Issued By:
Shawn M. Elicegui
Senior Vice President

NEVADA POWER COMPANY dba NV Energy

P.O. Box 98910

Las Vegas, NV 89151

Tariff No. 1-B

replaces

Tariff No. 1-A (withdrawn)

1st Revised

Original

Cancelling

PUCN Sheet No. 33G(17)

PUCN Sheet No. 33G(17)

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