

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

The purpose of this Net Metering Rider-G (NMR-G or Rider) is to implement the order issued in Docket 16-06006.

**APPLICABLE**

This Rider is applicable in conjunction with any of the Utility's Residential or Small Commercial Rate Schedules (i.e., D-1, OD-1-TOU, DM-1, ODM-1-TOU, GS-1, OGS-1-TOU, OD-1-CPP, OD-1-DDP, OD-1-TOU-CPP+DDP, ODM-1-CPP, ODM-1-DDP, ODM-1-TOU-CPP+DDP).

This Rider is applicable to Customer-generators who installed or had an active NEM application as of December 31, 2015. An "active NEM application" is defined as a completed net metering application, time-stamped by the Utility on or before December 31, 2015.

An application that was withdrawn, expired or cancelled prior to December 31, 2015 is not an "active NEM application", except for a subset of Customer-generators who withdrew an application or had a Renewable Generations reservation expire between December 23, 2015, and December 31, 2015. This subset of Customers is deemed to have had an "active NEM application" for the purpose of this Rider. This Rider is applicable to all such Customer-generators who are Users of electricity from either 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. 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.

(Continued)

Issued: **06-14-18**

Effective:

Advice No.: **599-E-R(1)**

Issued By:  
Shawn M. EliceGUI  
Senior Vice President

Filing Accepted  
Effective

**JUL - 1 2018**

Public Utilities Commission  
of Nevada

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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)(s)

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

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**APPLICABLE** (Continued)

This Rider is closed to

1. Customers that receive service under any of the Utility's Large General Service schedules; and
2. Customers that receive service under Schedule No. SSR – Small Standby Service Rider or Schedule No. LSR-Large Standby Service Rider; and
3. Customers that have an Energy Storage Device, as that term is defined in Rule 15 of the Utility's Tariff, that is not paired with a Net Metering System.
4. Customers that receive service under Schedule No. NSMO-1 or Schedule No. NSMO-2.

This Rider will close to new customers when the cumulative generating capacity of Net Metering Systems installed and operating in the Utility's Nevada service territory after January 1, 2017, reaches 6 MW and will no longer be effective after November 30, 2036. Customers who had an "active NEM application" as defined above, who install their Net Metering Systems after January 1, 2017 will not count towards the additional 6 MW of capacity which was outlined in the PUCN Order in Docket No. 16-06006.

**TERRITORY**

Throughout the Utility's Nevada service territory.

**RATES**

The rates charged for services provided by the Utility shall be the rates specified in the corresponding full requirement schedule.

The designated NEM 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, OD-1-TOU, DM-1, ODM-1-TOU, GS-1, OGS-1-TOU, OD-1-CPP, OD-1-DDP, OD-1-TOU-CPP+DDP, ODM-1-CPP, ODM-1-DDP or ODM-1-TOU-CPP+DDP 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 unless the Customer chooses OGS-1-TOU.

Such rates shall be applied in every billing period beginning the first billing period beginning December 1, 2016, for a 20-year period ending November 30, 2036. After such time, the Customer-generator will be billed pursuant to the otherwise applicable non-grandfathered rate schedule in effect at the time.

(Continued)

Issued: **06-14-18**

Effective:

Advice No.: **599-E-R**

Issued By:  
Shawn M. EliceGUI  
Senior Vice President

Filing Accepted  
Effective

JUL - 1 2018

Public Utilities Commission  
of Nevada

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SIERRA PACIFIC POWER COMPANY dba NV Energy

6100 Neil Road, Reno, Nevada

Tariff No. Electric No. 1

Cancelling 2nd Revised  
1st Revised

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

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

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**NET METERING RIDER-G**  
**(Continued)**

**RATES** (Continued)

Service under NMR-G applies to the premise approved in the NEM application. The Net Metering System is "subject to the size of the" Net Metering System "approved or outlined in the NEM application." Grandfathered Rates only apply to systems that are equal to or less than the size described in the NEM application; provided, however, that the performance of routine repairs and ordinary system maintenance shall be permissible and shall not render a Net Metering System ineligible for service under Schedule No. NMR-G. Grandfathered Rates do not apply to new or different Net Metering System than the Net Metering System approved or outlined in the NEM application unless a new application meeting the Applicable requirements set forth above is approved. New or different Net Metering Systems will be billed pursuant to the otherwise applicable non-grandfathered rate schedule in effect at the time.

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Customers notified by the Utility that they have an "active NEM application" as defined above must in turn notify the Utility by midnight July 1, 2017 of their decision to opt in to the grandfathering provisions of NMR-G and that they intend to install their system under the Grandfathered Rate with a completed installation date no later than February 28, 2018.

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A Customer-generator served under NMR-G is responsible for all charges from the corresponding full requirements schedule including monthly basic service charges, facilities charges and demand charges as applicable, the Universal Energy Charge imposed pursuant to NRS § 702.160, and any charge imposed pursuant to Chapter 701B of NRS or NRS § 704.7827, or NRS § 704.785. Consumption charges, to the extent that consumption is not offset by the Customer-generator's Net Metering System, also apply. These charges and rate components may change over time. Charges are listed in the Utility's Statement of Rates for the corresponding full-requirement schedule and will be applied based on the calculations described in Special Condition 3 as set forth below.

Customers-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 corresponding full requirements schedule, once established, will remain the same throughout the 20-year period of this tariff; provided, 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, such changes may affect the identification of the corresponding full requirement schedule. In such instances, the Utility may adjust billing to reflect a different full requirement schedule. Customer-generator may, in addition, select an optional time-of-use schedule pursuant to the terms and conditions of such optional use schedule.

Issued: **11-13-17**

Effective:

Advice No.: **599-E-R**

Issued By:  
Douglas A. Cannon  
Senior Vice President

Filing Accepted  
Effective

**NOV 15 2017**

Public Utilities Commission  
of Nevada

SIERRA PACIFIC POWER COMPANY dba NV Energy

6100 Neil Road, Reno, Nevada

Tariff No. Electric No. 1

Cancelling 1st Revised  
Original

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

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

**Schedule No. NMR-G**  
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**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 and not separated by a street, alley, public right-of-way, creek, river or the right-of-way of a railroad or other public service corporation.

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**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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Issued: **11-13-17**

Effective:

Advice No.: **599-E-R**

Issued By:  
Douglas A. Cannon  
Senior Vice President

Filing Accepted  
Effective

NOV 15 2017

Public Utilities Commission  
of Nevada

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**NET METERING RIDER-G**  
**(Continued)**

**SPECIAL CONDITIONS**

**2. Metering Equipment. (Continued)**

**A. For all Net Metering Systems:**

- (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 (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.
- (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.

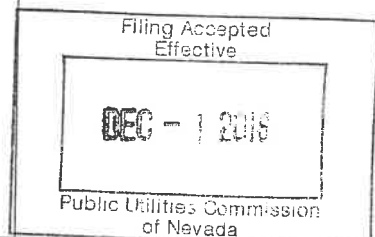
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Issued: **10-03-16**

Effective:

Advice No.: **585-E**

Issued By:  
Shawn M. Elicegui  
Senior Vice President



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**(RESIDENTIAL AND SMALL GENERAL SERVICE – GRANDFATHERED)**  
**NET METERING RIDER-G**

(Continued)

**SPECIAL CONDITIONS** (Continued)

**3. Net Energy Metering and Billing.** (Continued)

**A. For Net Metering Systems** (Continued)

(2) (Continued) If the Customer-generator's corresponding full requirements schedule 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, 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 corresponding full requirements schedule.

(4) In addition to the consumption charges described in the corresponding full requirements schedule, monthly basic service charges, facilities charges and demand charges as applicable and shall apply pursuant to the Customer-generator's corresponding full requirements schedule.

**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 corresponding full requirements schedule 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. 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.

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Issued: **10-03-16**

Effective:

Advice No.: **585-E**

Issued By:  
Shawn M. EliceGUI  
Senior Vice President

Filing Accepted  
Effective

**DEC - 1 2016**

Public Utilities Commission  
of Nevada

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**(Continued)**

**SPECIAL CONDITIONS** (Continued)

**3. Net Energy Metering and Billing.** (Continued)

**B. For Waterpower Net Metering Systems (Continued)**

- (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 corresponding full requirements schedule 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, 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 corresponding full requirements schedule.
- (5) In addition to the consumption charges described in the corresponding full requirements schedule, monthly basic service charges, facilities charges and demand charges as applicable shall apply pursuant to the Customer-generator's corresponding full requirements schedule.

**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;
- (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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Issued: **10-03-16**

Effective:

Advice No.: **585-E**

Issued By:  
Shawn M. EliceGUI  
Senior Vice President

Filing Accepted  
Effective

**DEC - 1 2016**

Public Utilities Commission  
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**(Continued)**

**SPECIAL CONDITIONS** (Continued)

**3. Net Energy Metering and Billing.** (Continued)

- 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 corresponding full requirements schedule .
- 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 NRS § 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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Issued: **10-03-16**

Effective:

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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, 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 and the corresponding full requirements 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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Issued: **10-03-16**

Effective:

Advice No.: **585-E**

Issued By:  
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Filing Accepted  
Effective

**DEC - 1 2016**

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

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**NET METERING RIDER-G**  
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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.

(N)

Issued: **10-03-16**

Effective:

Advice No.: **585-E**

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