

**Schedule No. SSR**  
**SMALL STANDBY SERVICE RIDER**

**APPLICABILITY**

This tariff rider applies to electric service when, at the Service Location for this service, there exists electrical generation facilities not owned by the Utility including, but not limited to, small power production facilities and cogeneration facilities that are qualifying facilities as defined in Part 292 of Chapter 1, Title 18, Code of Federal Regulations. It is limited to Customers who, if not for such Generating Facilities would have monthly metered Maximum Demand less than 300 kilowatts or who are residential. Electricity sold under this Rider may not be resold; nor may it be used to operate the auxiliary loads of the Generating Facilities while those facilities are generating electricity for sale to others, except during periods of emergency or maintenance on the Generators service facilities and with approval by the Utility. An Interconnection and Operating Agreement pursuant to Rule No. 15 shall be executed. A service agreement for Standby Service pursuant to this Rider shall be executed. This Rider is not applicable for Net Metering Systems; to Eligible Customers as defined in Rule 1 who are receiving service under Schedule DOS; or for Customers having a source of power that is maintained solely for use in case of interruption of the Utility's service under Rule 19. Service hereunder shall be for a term of not less than one year.

Generation Facilities may be connected for (1) Parallel Operation with the Utility's electrical system, or (2) isolated operation with service provided by the Utility by means of a double-throw switch.

Under this rider, three types of power supply are available and described hereunder: (1) Supplemental Power for Customers whose generation facilities do not regularly supply all electrical needs of the Customer; (2) Backup Power for Customers who may call upon the Utility for their electricity and capacity needs in lieu of generation normally provided by generation facilities during periods of unscheduled outages; and (3) Maintenance Backup Power for Customers who may call upon the Utility for their electrical needs in lieu of generation normally provided by generation facilities during periods of scheduled maintenance of the generation facilities. All power provided to the Customer by the Utility under this Rider shall be deemed to be Supplemental Power unless the Utility determines that it is Backup Power or Maintenance Backup Power or in the absence of a standby agreement. See Special Conditions section for other applicability conditions.

Capitalized terms used herein are defined in this rider, Rule 1 or Rule 15.

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**TERRITORY**

Available in the entire Nevada service area, as specified.

**RATES**

Rate classifications for this schedule are:

- Rate I Service to residential customers, regardless of size.
- Rate II Service where monthly energy usage during any period would otherwise be 3,500 kilowatt-hours or less (GS).
- Rate III Service where Maximum Demand during any period would otherwise be equal to or less than 299 kilowatts or monthly energy consumption is greater than 3,500 kilowatt-hours. (LGS-1).

All charges from the otherwise applicable rate schedule shall apply except that the Reservation, Demand, Facilities and Consumption charges for Back-up and Maintenance Power shall be as set forth below in this Rates section for Rate III. These charges replace the comparable otherwise applicable charges for that service.

(N)  
|  
(N)

All Supplemental Power under this schedule will also be billed at the rates for such power under the otherwise applicable schedule. Rate I and Rate II customers pay all charges from the otherwise applicable schedule, except for the facilities and modified consumption charges identified in this section. Additionally the Generating Facilities Meter Charge will apply to any combination of Supplemental, Backup, or Maintenance Backup Power:

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| |  
(D, N)

	Rate I	Rate II	Rate III	
Generating Facilities Meter Charge				
Per month				
Per Customer	\$1.48	\$3.15	N/A	(R, I)
Per Generator Meter	N/A	N/A	\$12.98	(R)

**Supplemental Power Charges**

Supplemental Power shall be billed under the otherwise applicable rate schedule. All charges for Supplemental Power under the otherwise applicable rate schedule shall apply to Supplemental Power.

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**RATES**

**Backup Power Charges**

	Rate I	Rate II	Rate III	
Facilities Charge:				
Per Customer	\$4.10	\$2.57	n/a	(R)
Per kW of Backup Billing Demand (See Special Condition 3.B):				(T)
Customer-supplied facilities (See Special Condition 9)	n/a	n/a	\$3.05	
All others	n/a	n/a	\$4.22	

**Backup Power Charges**

Backup Power shall be billed as follows:

Reservation Charge

For each kW of Backup

Contract Demand	n/a	n/a	\$0.83	
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Backup Demand Charge

For each kW of Backup

Billing Demand	n/a	n/a	\$3.52	
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**Maintenance Backup Power Charges:**

Maintenance Backup Demand Charge:

For each kW of Maintenance

Backup Contract Demand	n/a	n/a	\$1.76	
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**Consumption Charges:**

To replace Base Tariff General  
Rate (BTGR) consumption charges for  
backup.

For Rate I and Rate II, only

Per kWh, all kWh	\$0.06557	\$0.02297	\$0.02028	(R, R, I)
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**Non-bypassable Deferred Energy Rate:**

For Rate please see Schedule DEAA PUCN Sheet 9B

Also see Special Condition 12

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**RATES** (Continued)

**POWER FACTOR ADJUSTMENT** (Applies only to Rate III)

See the otherwise applicable rate schedule.

**TAX ADJUSTMENT CHARGE**

A charge as designated in specific franchise agreements or business license ordinances or described in the Utility's Special Supplementary Tariff shall be based upon gross receipts.

**LATE CHARGE**

The monthly bill is due and payable as of the date of presentation. A late charge as set forth in Schedule MC will be added to the bill if it is not paid within 15 days of the date of presentation.

**MINIMUM CHARGE**

The minimum charge for service hereunder shall be the sum of the Basic Service Charge, Additional Meter Charge (if applicable), Generator Meter Charge, Facilities Charge, and Reservation Charge (if applicable).

(N)  
(N)

**SPECIAL CONDITIONS**

The Special Conditions of the Customer's otherwise applicable rate schedule shall apply and are supplemented or modified as follows:

1. Backup Power. Backup Power will be available under the following conditions:
  - A. Establishment of Backup Contract Demand. Backup Contract Demand for Rate III Customers will be initially established as follows:
    - (1) Customer Normally Takes Supplemental Power. A standby service agreement is necessary. A Customer who normally takes Supplemental Power will nominate an appropriate Backup Contract Demand prior to the taking of Service hereunder. The amount nominated may be zero or any positive, whole number equal to or less than the Net Nameplate Rating of on-site Generators. In the event the Utility does not agree with the Customer's nomination, the Net Nameplate Rating of on-site Generators shall be the Net Nameplate Rating of on-site Generators shall be used for billing purposes hereunder until the dispute is resolved.

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**SPECIAL CONDITIONS** (Continued)

1. Backup Power. (Continued)

A. Establishment of Backup Contract Demand. (Continued)

(2) Customer Normally Does Not Take Supplemental Power. A standby service agreement is necessary. A Customer who normally does not take Supplemental Power will nominate an appropriate Backup Contract Demand prior to taking of Service hereunder. The amount nominated may be zero or any positive, whole number equal to or less than the estimated station use load of the Customer. In the event the Utility does not agree with the Customer's nomination, a Utility-estimated Backup Contract Demand will be used until the dispute is resolved.

B. The initial or subsequently established Backup Contract Demand for Rate III Customers may be adjusted by the Utility if:

- (1) The Utility and the Customer have reason to believe that the Backup Contract Demand is unreasonable, based upon the operation, addition or deletion of Generating Facilities, or
- (2) The Customer installs devices or requests the Utility to install devices that act in such a way as to physically disconnect the Customer's load or a portion of the Customer's load to the satisfaction of the Utility, in response to decreases in Generator output. The Utility shall not operate such devices except as necessary to respond to an Emergency, Unsafe Operating Conditions or any of the conditions listed in the Utility's Rule 6. Such devices shall be installed at the sole cost of the Customer; or
- (3) The Customer has installed additional Generating Facilities to backup in whole or in part its Generating Facilities. In this case, the Customer may specify the level of Backup Power required and the Utility has no obligation for providing Backup Power in excess of the Backup Contract Demand requested.

C. Unauthorized Use of Backup Power. If the Backup Contract Demand of the Rate III Customer is lower than the Net Nameplate Rating of the Generating Facilities being backed up or the Utility's estimate of the Customer's station use load and Backup Demand is later determined to be greater than the initial or subsequently-established Backup Contract Demand, the Utility shall back bill the Customer for up to 12 billing periods at the greater Backup Contract Demand.

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**SPECIAL CONDITIONS** (Continued)

1. Backup Power. (Continued)
  - C. Unauthorized Use of Backup Power (Continued)

An increase in the amount of Supplemental Demand taken of over 10% of Supplemental Demand recorded 12 months prior may be considered as Backup Contract Demand if the Customer has not notified the Utility of an increase in Supplemental Demand 30 days' prior to the taking of such increased demand. In determining whether there has been an unauthorized use of Backup Power or an increase in Supplemental Power, the Utility will also consider other relevant factors, including but not limited to, generator output metering, previous history, and a Customer's load shedding procedures.
  - D. Timing of Changes in Backup Contract Demand. If the Backup Contract Demand established in B., above, is changed for any reason, the existing Backup Contract Demand will automatically be increased to that greater value for the remaining term of service. The excess will be billed as Supplemental Power for the initial month and billed as Backup Contract Demand for all subsequent periods.
  - E. Net Generation Metering Required For Rate III Customers. Net Generation Metering will be required as specified in Rule 15. For Customers who normally take Supplemental Power, Net Generation Metering shall be required at the Generating Facilities bus after the point of auxiliary loads and prior to serving Host Load. For Customers who normally do not take Supplemental Power, Net Generation Metering shall be located at the Point of Common Coupling. Such Meter(s) will be installed as set forth in Rules 15 and 16. Multiple Generating Facilities may be served by a single Generating Facility Meter if Net Generation Output of all Generating Facilities can be measured at a single point. Otherwise, multiple Generating Facility Meters must be used. Generation Meter Charges will not be assessed for those Customers who, in accordance with the applicable rules for installation of line extensions and interconnection facilities, have funded the entire cost of the interconnection and metering facilities.
2. Maintenance Backup Power provided to Rate III Customers will be subject to the following constraints:
  - A. All requests for Maintenance Backup Power must specify the kilowatt demand required, which will be the Maintenance Contract Demand, as well as the beginning and end of the period of maintenance.

(N)

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**SPECIAL CONDITIONS** (Continued)

2. Maintenance Backup Power (Continued)

B. Maintenance Power. Maintenance power shall be scheduled with the following notices as follows:

<u>Pre-scheduled Maintenance Outage</u>	<u>Minimum Required Advanced Notice</u>
1 day or less	5 calendar days
2 to 5 days	30 calendar days
6 to 30 days	90 calendar days

The Utility may deny the requested maintenance period due to reasonable operating concerns and if it does so the Customer shall delay the scheduled maintenance. If the Utility denies the requested prescheduled maintenance period the Utility shall propose an alternative maintenance period to be scheduled at the earliest opportunity acceptable to the Customer following resolution of the operating concerns.

- C. If the Customer ceases use of Maintenance Backup Power before the end of the scheduled period, the Customer must notify the Utility by telephone and send or deliver a notice in writing to the Utility no later than one business day after the Customer ceases such use.
- D. Maintenance Backup Power will not be provided for more than 15% of the hours in any twelve-billing cycle period. After those hours have been exhausted, any power supplied will be billed as Backup Power under the conditions of Special Condition 1. Power delivered in excess of contracted demand will be delivered as Backup service under the conditions of Special Condition 1.
- E. The Customer shall be deemed to have used Backup Power for any fifteen-minute interval during which: (a) Maintenance Backup Power was scheduled; and (b) the Maximum Demand recorded during the period Maintenance Backup Power is scheduled exceeds the then-effective Maintenance Contract Demand.
- F. The amount of Maintenance Backup Power that the Utility is obligated to schedule for Rate III Customers shall be limited to the amount of Backup Contract Demand. The Utility may provide Maintenance Backup Power for amounts greater than Backup Contract Demand at the Customer's request under the following circumstances:
  - (1) There is sufficient Utility capacity to provide the requested service,
  - (2) The service is taken during periods other than Summer on-peak periods,

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**SPECIAL CONDITIONS** (Continued)

2. Maintenance Backup Power (Continued)
  - F. The amount of Maintenance Backup Power (Continued)
    - (3) The service will not adversely impact any other Customers;
    - (4) The service will not be available if the provision of such service could potentially contribute to an Emergency or Unsafe Operating Conditions;
    - (5) The service will be billed at Supplemental Power Rates; and
    - (6) The taking of such service will be in accordance with this Special Condition 2.
  
3. Customer Billing Demand. Customer Billing Demand for Rate III Customers shall be determined as follows:
  - A. Supplemental Billing Demand for each period shall be determined as follows:
    - (1) A Supplemental Demand for each 15-minute interval during the Billing Period shall be calculated as the metered demand less the Backup Billing Demand (as calculated in B., below), but not less than zero, for that interval. The Supplemental Billing Demand shall be the maximum of those values, when no Maintenance Backup Power is taken,  

or
    - (2) When Maintenance Backup Power is taken, the same process will occur, except that backup Billing Demand for the Billing Period will be adjusted for Maintenance Backup Billing Demand (as calculated in C, below), to a number not less than zero.
  
  - B. Backup Billing Demand for each period shall be either:
    - (1) The total Net Nameplate Rating less the lowest Net Generation Metering kilowatt value (or with multiple Generating Facilities, the lowest coincident sum of all Net Generation Metering), adjusted for Maintenance Backup Billing Demand (as calculated in C, below);  

or
    - (2) For Customers who normally have no Supplemental Power requirements, the Maximum Demand recorded, adjusted for Maintenance Backup Billing Demand (as calculated in C, below).

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**SPECIAL CONDITIONS** (Continued)

- 3. Customer Billing Demand. (Continued)
  - C. Customer Demand for Maintenance Backup shall be the lesser of the scheduled Maintenance Contract Demand or the Maximum Demand for the period(s) during which Maintenance Backup Power is taken.
  - D. The Customer's consumption shall be determined from kilowatt-hour reads for the Billing Period.
- 4. Interconnection Requirements. Service hereunder is subject to the provisions of Rule No. 15.
- 5. Service Agreement. An agreement shall be required for service hereunder that includes, but is not limited to:
  - A. A term of not less than one year, automatically renewed unless the Customer or Utility provides 30 days' notice of its intent to terminate the contract;
  - B. The amount of Backup Power (in kilowatts) as established in Special Condition 1.A, or, for an agreement that replaces a previous agreement, the level of Backup Contract Demand established in the previous agreement and modified by any action taken under Special Condition 1.B or 1.C, if applicable for Rate III Customers;
  - C. Estimated amount of Supplemental Power (in kilowatts) required, if applicable;
  - D. Election of Metering regime, if applicable (See Special Condition 8);
  - E. Estimated amount of Net Generator Output (in kilowatts) upon which Backup Power and Maintenance Backup Power is based; and
  - F. Otherwise applicable rate schedule to be applied.

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**SPECIAL CONDITIONS** (Continued)

6. Standby Service Limitations. Standby Service hereunder is limited to the Utility's ability to serve such loads without jeopardizing service to existing Customers on rate schedules for firm service, including Standby Service. If standby service to any load or combination of loads is refused by the Utility, the Utility shall notify the Commission in writing. Standby Service will require a special contract which shall be subject to approval of the Commission in the case that the service is of an unusual character, as determined by the Utility or if the Customer has received an operating permit from the Commission to provide energy from a geothermal site pursuant to NAC 704.760 through NAC 704.782.
  
7. Split Loads. For purposes of this schedule, all service delivered shall be deemed to be delivered to one Premise and considered one Service Location. Nothing herein shall be construed as permitting split loads at the same Service Location.
  
8. QF Choice of Billing Regime. Customers whose Generating Facilities are small power production facilities or cogeneration facilities that are qualifying facilities as defined in Part 292 of Chapter 1, Title 18, Code of Federal Regulations will be offered the choice of one of the following two types of billing regimes:
  - A. Power deliveries to and from the Customer's Premises shall be netted so that the Utility purchases the excess net energy that the Customer does not use but generates and sells to the Customer the net energy that the Customer uses but does not generate; or
  - B. The Utility and the Customer shall operate in a simultaneous purchase and sale arrangement whereby all electricity produced by the Generating Facility(s) is sold to the Utility at the buy-back rate and all electricity used by the Customer at the Service Location is sold to the Customer at the applicable tariffed rate.

The selection of Metering regimes will be made at the time a service agreement as set forth in Special Condition 6, above, is executed, and will not be changed unless the Utility agrees. All such Metering will be installed as set forth in Rule 15.
  
9. Line Extension Costs. Certain Customers have installed facilities at their sole cost under Rule 15. Additionally, an impact study has been performed and all system improvements have been made. A reduced Facilities Charge shall be applied. Such reduced charge shall as a minimum fully recover any investment by the Utility in any Line Extension made pursuant to Rule 9 to serve the generating facility or the host load.

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**SPECIAL CONDITIONS** (Continued)

10. Standby Service limited to Host, Station Use or Auxiliary Loads. Standby Service hereunder shall be limited to the auxiliary or station use of Generating Facilities and Host Loads located at the Service Location where Standby Service is provided. Nothing hereunder should be construed as requiring or offering Backup Power for sales of power in excess of what is consumed as auxiliary or station use or consumed by the Host Load for the Generating Facilities. If the Utility agrees to provide Backup Power for power or energy generated in excess of that consumed as auxiliary or station use or consumed by the Host Load for the Generating Facilities, such service will be only provided pursuant to a special contract as provided in Special Condition 6.
11. Forced Outage Factor (“FOF”) Calculation. For Rate III Customers, the Utility will calculate a Forced Outage Factor (“FOF”), to be applied in the calculation of Backup Demand Charges. The calculated FOF will be applied to the current month’s calculation as an indication the duration of outages sustained by the Generating Facilities. The FOF will be calculated as follows:
- A. Using hourly recorder data that is derived by taking the average four 15-minute meter readings on each hour from the most recent month available, the number of hours in the Billing Period when Backup Power was taken will be determined.
- B. The following sliding scale will be used to determine the FOF:
- |   |             |
|---|-------------|
| <u>If the total hours determined in A. are:</u> | <u>Use:</u> |
| 2 hours or less                                 | 0.20        |
| Greater than 2 hours but no more than 4         | 0.40        |
| Greater than 4 hours but no more than 6         | 0.60        |
| Greater than 6 hours but no more than 8         | 0.80        |
| Greater than 8 hours                            | 1.00        |
- C. The result of the Backup Billing Demand and the appropriate Backup Billing Rate will be multiplied by the calculated FOF to arrive at the Backup Demand Charges for the Billing Period.

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**SPECIAL CONDITIONS** (Continued)

- 12. Past Deferred Energy Balances. For purposes of collecting or refunding past deferred energy balances from existing customers that install self-generation and thus reduce their load on the Utility's system, a monthly flat per kilowatt (kW) of installed generation charge or credit will be established and subsequently updated each time the DEAA rate is updated. This is a one-time charge or credit to be applied to the first billing period following the period in which the generation is installed and is operational, and is equal to the monthly rate times the number of billing periods the customer load existed on the system prior to the installation of the generation, up to a maximum of 12 months or billing periods.
  
- 13. Customers are exempt from the provisions of this Schedule if the Generating Facilities operate only under the following conditions:
  - A. During a Customer emergency;
  - B. Upon request of the Utility; or
  - C. For limited testing operations.

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