

NEVADA POWER COMPANY dba NV Energy
P.O. Box 98910
Las Vegas, NV 89151-0001
Tariff No. 1-B
cancels
Tariff No. 1-A (withdrawn)

Cancelling Original

PUCN Sheet No. 36Z(27)
PUCN Sheet No. _____

Schedule No. ESB-V2G
Electric School Bus Vehicle-to-Grid Trial

APPLICABLE

This tariff provides for a pilot program to demonstrate the implementation of load management and discharge to grid capabilities of a fleet of Utility incentivized public school buses. Any customer, who previously received a utility incentive towards the cost of electric school buses is eligible for this tariff. The ESB-V2G Trial limits participation to a maximum of 50 total buses in each of the Utility's service territories.

SUNSET PROVISION

The pilot will begin on January 1, 2022 and complete on December 31, 2024.

If at the end of the three-year study period, the Commission determines that this tariff should not be adopted on a permanent basis, the Customers taking service under this pilot program shall be allowed to remain on the tariff for the life of their interconnected equipment not to exceed the useful life of the electric school bus, currently estimated at 12 years.

TERRITORY

Entire Nevada Service Area, as specified.

DESCRIPTION OF SERVICE

To fleet operators of electric school buses with more installed vehicle batteries that are capable of supplying energy to the grid through discharging the batteries. Customers will pay the rates of their Otherwise Applicable Schedule ("OAS") for energy delivered to the premise, but will be eligible for a monetary credit for any energy that is discharged from the batteries back to the grid.

Interconnection

Customers that participate in the ESB-VG2 Trial agree to charging of SB-EVG participating buses from the Utility grid and may not charge Utility incentivized buses from on-site generation.

Available Capacity Election

Customers that participate in the ESB-VG2 Trial will provide the utility with the installed/minimum capacity of vehicle to grid resources. In the event that the available capacity increases or decreases by greater than 15%, the Customer will notify the Utility of the change in dispatchable resources.

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DISCHARGE CREDIT

Customers participating in the SB-EVG Program will be eligible for a monetary credit for any energy that is discharged from the batteries back to the grid.

The credit for discharged energy will be calculated for each hour as the lesser of:

- a) the hourly system incremental generation cost; or,
- b) the NV Energy average hourly Load Aggregation Point ("ELAP") price. The ELAP can be found on NV Energy's FERC OASIS site.

RATES

All rates charged under this Program will be in accordance with the Customer's OAS that would be in effect in the absence of the Vehicle-to-Grid System. A Customer served under this Program is responsible for all charges from its OAS including monthly basic service charges, facilities charges and demand charges as applicable. Charges are listed in the Utility's Schedule of Rates for the Customer's OAS and will be applied based on the calculations described in Special Condition 3, below. Standby charges shall not apply.

Customers served under this Program, will be eligible to migrate between rate schedules under the conditions discussed in the Customer's applicable OAS tariff.

METERING EQUIPMENT

The Utility will install and provide, at no additional cost to the Customer, metering equipment at the point of service to the Customer's Premise capable of measuring power flows in each direction on an hourly or other real-time basis. The Customer will not incur any additional charges for metering beyond the charges for metering provided in the Customer's applicable rate schedule.

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SPECIAL CONDITIONS

1. **System Reliability Events.** In the case of an emergency system event, customers on this tariff agree to support the grid reliability and safety measures by discharging the maximum capacity available in an attempt to help mitigate the impact of the event. Customers will be given at least one day of notice when possible.
2. **Availability.** Participants of the SB-EVG Program agree to furnish for vehicle-to-grid dispatch a minimum of 85% of the Minimum Capacity Election.
3. **Right to Dispatch.** The utility maintains the right of dispatch to the customer's dispatchable resource when the Utility has provided the customer with a minimum of one day of notice prior to a System Reliability Event.
4. **Right of Access.** Customers agree to provide Utility access to metering at the premise and will provide access for installing, reading, testing, and maintaining Utility facilities.
5. **Interconnection.** Prior to interconnection, the Customer 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 system of batteries.
6. **Research Equipment.** At its discretion, the Utility may install on Customer's property, research metering equipment that is not required for billing purposes. Customer shall incur no costs for any research metering unless Customer desires additional metering data, in which case, Customer shall pay the appropriate excess facilities and data handling charges
7. **Exclusivity.** All electricity delivered shall be for the exclusive use of the Customer and shall not be resold.

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