

**CITY OF SANTA CLARA
SILICON VALLEY POWER**

**RATE SCHEDULE NM
NET ENERGY METERING SERVICE**

Sheet 1 of 3

With 2022 Excess Energy Rate

APPLICABILITY:

This Net Energy Metering rate schedule is applicable to all customers served by Silicon Valley Power (SVP), who own and operate a solar or a wind turbine electrical generating facility, or a hybrid system of both. Such facility shall be located on the customer's premises, shall operate in parallel with SVP's transmission and distribution facilities, shall not exceed 1000 kilowatts, and shall only be used primarily to offset part or all of the customer's own electrical requirements. Availability of this schedule to such "customer-generators" will be on a first-come first-served basis, until the total rated generating capacity operated by eligible customer-generators equals 5.0 percent of SVP's annual peak distribution demand.

RATES:

All rates charged under this schedule shall be the same as the rates charged under the eligible customer generator's otherwise applicable rate schedule (OAS). An eligible customer-generator served under this schedule shall be responsible for all charges under the otherwise applicable rate schedule, except that energy usage will be metered and billed on a net basis. An annual bill will be rendered, as required by Section 2827 of the California Public Utilities Code. A monthly statement of accumulated charges and credits shall be provided. Monthly statements shall be subject to SVP's payment provisions pursuant to Municipal Service Rule and Regulation No. 6, except that customers whose OAS is a demand metered SVP Rate Schedule shall be subject to monthly payment of bills, and be subject to annual true-up as necessary. If the energy generated exceeds the energy consumed during the annual billing cycle, at the customer-generator's option, payment shall be made for such excess energy delivered to SVP's distribution facilities as set forth below, or applied as a credit to the next annual billing cycle.

LOAD AGGREGATION OPTION:

An eligible customer-generator with multiple meters may elect to aggregate the electrical load of the meters located on the property where the renewable electrical generation facility is located and on all properties adjacent or contiguous to the property on which the renewable electrical generation facility is located, if those properties are solely owned, leased, or rented by the eligible customer-generator.

If an eligible customer-generator chooses to aggregate the electrical load of such meters, (i) the eligible customer-generator shall be permanently ineligible to receive net surplus electricity compensation, and SVP shall retain any kilowatt-hours in excess of the eligible customer-generator's aggregated electrical load generated during the 12-month period; (ii) the electricity generated by the renewable electrical generation facility shall be allocated to each of the meters in proportion to the electrical load served by those meters for each billing period. This proportionate allocation shall be calculated based on customer-generator's load data averaged over an indicative 12-month period (estimated if necessary) and should be effective for a minimum of 12 months.

METERING:

Net energy metering is the use of a single meter to measure the flow of electricity in two directions. If the existing electrical meter of an eligible customer-generator is not capable of measuring the flow of electricity in two directions the customer-generator shall be responsible for all expenses involved in purchasing and installing a meter that is able to measure electricity flow in two directions. Any additional meter or meters to monitor the flow of electricity in each direction may be installed with the consent of the customer-generator, at SVP expense.

**Date Effective: January 2022
Bill Cycle 716, Series 100**

Resolution No.

**Supersedes Rate Effective: November 2021
Bill Cycle 713, Series 100**

Resolution No. 21-998

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SVP meter(s) to monitor the output of customer-generator's generating facilities are required if customer-generator elects the Load Aggregation Option. Such meters shall be provided by SVP and paid for by the customer-generator.

INTERCONNECTION:

Prior to interconnection, the customer-generator shall execute an interconnection agreement with SVP and shall comply with SVP's Rules and Regulations regarding parallel generation, except that service under a standby rate schedule shall not be required. The customer-generator must also meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and accredited testing laboratories such as Underwriters Laboratories and, where applicable, rules of the California Public Utilities Commission regarding safety and reliability.

PAYMENT RATE FOR EXCESS ENERGY:

The Payment Rate for Excess Energy shall be revised during each calendar year, and shall consist of the sum of an avoided energy cost charge and an avoided renewable energy value charge. The avoided energy cost is equal to 8000 Btu/kWh times SVP's avoided cost of gas in \$/MMBtu. The avoided cost of gas shall be the average of the 12 monthly values for PG&E Citygate taken from Natural Gas Intelligence, adjusted to include transportation to Santa Clara, ending in October of the year prior to the effective date of the Payment Rate for Excess Energy. The avoided renewable energy value charge shall be equal to the average value of renewable energy credits used for SVP's Green Power Program in the 12 months ending In October of the year prior to the effective date of the Payment Rate for Excess Energy.

Payment Rate for Excess Energy effective January, 2022: \$ 0.05244 per kWh

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Exhibit A

**Rate Schedule NM
Derivation of Payment Rate for Excess Energy**

1. Avoided energy cost charge:

Average of the monthly values for PG&E Citygate from Natural Gas Intelligence for the 12 months ending October 2021: \$4.514 per MMBtu

Average cost of transportation from PG&E Citygate to Santa Clara Donald Von Raesfeld Power Plant for the 12 months ending October 2021: \$ 0.166 per MMBtu

Total average delivered cost of gas: \$4.680 per MMBtu

Avoided energy cost = \$4.680 per MMBtu x 8000 Btu/kWh = \$0.03744/kWh

2. Avoided renewable energy value charge:

Average value of renewable energy credits used for SVP's Green Power Programs for the 12 months ending October 2020: \$0.015 per kWh

3. Payment Rate for Excess Energy beginning January 2022:

	<u>\$/kWh</u>
Avoided energy cost charge	\$0.03744
Avoided renewable energy value charge	\$0.01500
Total	\$0.05244

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