

# Renewable Energy Bill Credit Rate Schedule RBC

## I. Applicability

This Rate Schedule applies to residential master-metered customers who have an electrical generation facility on their premise that is fueled by a renewable fuel source. A renewable electrical generation facility is a facility that is eligible for certification as a renewable energy resource as defined by the California Energy Resources Conservation and Development Commission (CEC).<sup>1</sup> These facilities include, but may not be limited to, generators fueled by:

- photovoltaic
- wind
- biomass
- solar thermal
- geothermal
- fuel cells using renewable fuels
- small hydroelectric
- digester gas
- municipal solid waste conversion
- landfill gas
- ocean wave
- ocean thermal
- tidal current

Small hydroelectric generation facilities will not qualify for this Rate Schedule if the facility will cause an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow. Fuel cells will not qualify for this Rate Schedule if the fuel cell derives any portion of its fuel from a nonrenewable fuel.

## II. Conditions of Service

### A. General Eligibility Requirements

The following are requirements for eligibility under this Rate Schedule:

1. The generation facility must be located entirely on the customer's premise; and
2. The generation facility must operate in parallel with SMUD's distribution facilities at the secondary voltage level; and
3. The customer must meet all requirements of Rule and Regulation 21; and
4. The generation facility's kilowatt hour generating capacity shall not exceed the electrical load's average maximum demand for the prior twelve (12) month period at the time of interconnection; and
5. The generation facility is located at a distinct single metering point separate from the electrical load; and
6. Both the electrical load and the generation facility are on the same distribution feeder; and
7. The generating capacity does not exceed a maximum of 1,000 kilowatts.

*For photovoltaic generation facilities, generation capacity is measured using the California Energy Commission Alternating Current (CEC-AC) rating. For all other renewable electrical generation facilities, the nameplate Alternating Current (AC) rating will be used to measure generation capacity. This paragraph defining the measurement of capacity only pertains to the applicability of this rate schedule and may differ from any measurement of capacity used in Rule and Regulation 21.*

### B. Qualifying Accounts and Customer-of-Record Requirements

Any customer taking service under this Rate Schedule must have a generation meter to establish a generator account and an electrical load meter to establish a benefiting account.

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<sup>1</sup>. See the CEC's most current Renewable Portfolio Standard Eligibility Guidebook for the purposes of providing the technical definitions of a renewable electrical generation facility.

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Both accounts must be the same customer-of-record.

## **C. Generator Account**

A generator account is the account that consists of a renewable electrical generation facility interconnected with SMUD behind a revenue grade meter. The generator account must not service any load other than what is necessary for the operation of the renewable electrical generation facility.

Any load used by the generation facility will apply to offset any generation produced by the generation facility. In the event there is an insufficient amount of load used by the generation facility to be offset by the generation, SMUD reserves the right to bill for the electricity used.

## **D. Benefiting Account**

A benefiting account is an account that is interconnected with and takes service from SMUD behind a meter. A benefiting account cannot benefit from more than one generator account.

## **III. Renewable Energy**

Electricity provided from the generator account to SMUD shall be priced at the applicable Feed-In Tariff price in accordance with the methodology set forth in the Feed-In Tariff for Distributed Generation Rate Schedule (FIT). The price will be posted on the SMUD website.

This price will not change in the event of changes in the customer-of-record on the account, the ownership of the generation facility, and/or ownership of the property. To take service under this Rate Schedule, the owner of the generation facility shall execute a contract with SMUD. The contract shall be offered for durations of either ten (10) or fifteen (15) years at the option of the customer. The customer must transfer all renewable energy attributes to SMUD associated with this generation facility during the term of the contract.

## **IV. Crediting of Renewable Energy**

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days. Both the generation account and benefiting account will be placed on the same billing period.

- A.** All charges of the generator account and the benefiting account must be paid monthly. This includes, without limitation, the System Infrastructure Fixed Charge, Electricity Usage charges, Maximum Demand Charge, Summer Super Peak Demand Charge, Site Infrastructure Charge, program fees, surcharges and taxes.
- B.** All of the electricity output from the generation facility will post on the benefiting account’s bill as a renewable energy bill credit.
- C.** Under no circumstances will the renewable energy bill credits exceed the amount of electricity usages charges billed within a month.

## **V. Metering**

### **A. Metering Requirement for the Generator Account**

The generator account must be metered using a revenue-grade interval meter capable of measuring the renewable electrical generation facility’s output in fifteen minute increments or smaller. The customer is responsible for all costs for the provisioning and installation of the meter.

In the event the generator account is found to have load that is not solely related to the renewable electrical generation facility, SMUD reserves the right to require the customer to install a bi-directional SMUD meter and a generation output meter. The customer will be responsible for installing a meter socket for the generation output meter and provide SMUD unrestricted access to both the bi-directional meter and the generation output meter. The customer is responsible for reimbursing SMUD for all expenses associated with this metering requirement.

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## **B. Telemetry Requirement for the Generator Account**

Customers operating under this schedule may, at SMUD's sole discretion, be required to pay for the installation of telemetry if telemetry is determined necessary as part of the interconnection review.

## **C. Metering Requirement for the Benefiting Account**

The benefiting account must be metered in accordance with the applicable rate that would otherwise apply as if the benefiting account was not taking service under this Rate Schedule.

## **VI. Special Billing Conditions**

### **A. Generator Account Subject to Charges**

The generator account is subject to charges each billing period such as, but not limited to, Electricity Usage Charges, a System Infrastructure Fixed Charge, Maximum Demand Charges, Summer Super Peak Demand Charges, and Site Infrastructure Charges, program fees, surcharges and taxes as identified in the generator account's applicable Rate Schedule.

### **B. Benefiting Account and Rate Treatment**

Each benefiting account will remain on the otherwise applicable Rate Schedule for residential master-metered service.

### **C. Ineligible Rate Options**

Customers taking service on this Rate Schedule are not eligible to take service on Rate Schedule Net Energy Metering (NEM).

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