



Chief Executive Officer and General Manager's Report and Recommendation

.....
on New & Revised Rates and Services
.....

March 16, 2017 • Volume 2

Powering forward. Together.



2017 Rates, Rules and Regulations

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The following listed sheets contain all effective rates, rules and regulations affecting rates and service, and information relating thereto, in effect on and after the date indicated. All rates are applicable to the territory served by SMUD.

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Preliminary Statement

Territory Served by SMUD

SMUD supplies electric service in most of Sacramento County and in a portion of Placer County.

Description of Service

A description of service available is contained in SMUD's Rule and Regulation 2.

The service available at any particular location should be ascertained by inquiry at SMUD's Customer Services Department office at 6301 S Street, Sacramento.

Procedure to Obtain Service

Any person or corporation whose premises are within the outer boundaries of SMUD may obtain service by applying for service at the Customer Services Department office establishing credit as hereinafter set forth and complying with SMUD's rules and regulations. Where an extension of SMUD's lines is necessary or whenever unusual service requirements are determined, applicant will be informed as to the conditions under which service will be supplied.

Establishment of Credit and Deposits

After making proper application for electric service, it will be necessary for applicant to establish his credit in accordance with Rule and Regulation 6.

General

1. MEASUREMENT OF ELECTRIC ENERGY

All electric energy supplied by SMUD to its customers shall be measured by means of suitable standard electric meters, except as otherwise specifically provided in SMUD's Rules and Regulations.

2. DISCOUNTS

All rates hereinafter listed are net rates and are not subject to discount unless specifically stated in the Rates.

Agricultural Service Rate Schedule AG

I. Applicability

This Rate Schedule I-AG applies to single- or three-phase nonresidential agricultural service, delivered at standard voltages designated by SMUD as available at the customer's premises. The electricity must be for pumping loads where a preponderance of the load is devoted to agricultural purposes such as farm lighting, feed choppers, milking machines, heating for incubators, brooders, and other farm uses; drainage pumping loads where a preponderance of the area drained is agricultural; and irrigation pumping loads for nonagricultural purposes where the entire loads, except for minor incidental uses, are devoted to such pumping.

This schedule is mandatory for agricultural accounts with monthly maximum demand that does not exceed 499 kW for three or more consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rate

A. Small Agricultural Service, Nondemand Rates – ASN

This rate applies to agricultural accounts having a monthly maximum demand of 30 kW or less. If the account does not have a meter that registers demand, and monthly usage is at least 12,000 kWh for three consecutive months, a demand meter will be installed. Whenever monthly maximum demand exceeds 30 kW for three consecutive months, the customer will be billed on the applicable demand rate. To return to the non-demand rate, the account's monthly maximum demand must fall below 31 kW and usage must be below 12,000 kWh for 12 consecutive months.

| Season | (Nov 1 - Apr 30) | (May 1 - Oct 31) |
|--|------------------|------------------|
| | Winter | Summer |
| System Infrastructure Fixed Charge - per month per meter | \$10.90 | \$10.90 |
| Electricity Usage Charge \$/kWh for all kWh | \$0.1209 | \$0.1324 |

B. Large Agricultural Service, Demand Rates – ASD

This rate applies to agricultural accounts having a monthly maximum demand greater than 30 kW but less than 499 kW for three consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. The customer will be billed on the demand-metered rate until the demand falls below 31 kW and energy is less than 12,000 kWh for 12 consecutive months before being returned to the ASN Rate.

| Season | Winter | Summer |
|---|-----------|-----------|
| System Infrastructure Fixed Charge - per month per meter | \$25.30 | \$25.30 |
| Site Infrastructure Charge (<i>\$ per 12-month max kW or contract capacity</i>) | | |
| First 30 kW | No Charge | No Charge |
| Additional kW per month | \$2.49 | \$2.49 |
| Electricity Usage Charge \$/kWh | | |
| Base Usage – 8,750 kWh per month | \$0.1338 | \$0.1283 |
| Base Usage Plus – kWh over 8,750 per month | \$0.1050 | \$0.0929 |

C. Small Agricultural Optional Time-of-Use – AON

This optional rate is for small agricultural accounts having a monthly maximum demand of 30 kW or less. Customers transferring to the small agricultural Time-of-Use Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

Agricultural Service Rate Schedule AG

| Season | Winter | Summer |
|---|----------|----------|
| System Infrastructure Fixed Charge - per month – per meter | \$14.60 | \$14.60 |
| Electricity Usage Charge \$/kWh | | |
| On-Peak period | \$0.1389 | \$0.2015 |
| Off-Peak period | \$0.1185 | \$0.1083 |

D. Large Agricultural Optional Time-of-Use – AOD

This optional rate is for large agricultural accounts with demand greater than 30 kW and less than 499 kW. Customers transferring to the agricultural Time-of-Use Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

| Season | Winter | Summer |
|---|----------|----------|
| System Infrastructure Fixed Charge per month – per meter | \$87.95 | \$87.95 |
| Maximum Demand Charge \$/ kW | \$2.49 | \$3.48 |
| Electricity Usage Charge \$/kWh | | |
| On-Peak period | \$0.1384 | \$0.2143 |
| Off-Peak period | \$0.1175 | \$0.1142 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

| Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| | \$6.57 | \$5.20 | \$2.62 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

- B. **Net Energy Metering Option.** Refer to Rate Schedule 1-NEM.

Agricultural Service Rate Schedule AG

C. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and solar projects.

2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional charge for monthly energy of no less than 1/2 cent and no greater than 2 cents per kWh. SMUD may offer up to three premium rate options representing various blends of renewable resources and/or renewable energy credits within the 1/2 cent to 2 cent range. The actual prices will be published each November and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 2 cent premium limit.

D. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD's website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

B. Service Voltage Definition

The following defines the three voltage classes available. The rate shall be determined by the voltage level at which service is taken according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as "Primary" or "Subtransmission."

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer's monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer's monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

Agricultural Service Rate Schedule AG

C. Power Factor Adjustment

1. Adjustment (charge varies by month)

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer's monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer's monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0108

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2857

D. Time-of-Use Billing Periods

Winter season is from November 1 through April 30. Summer season is from May 1 through October 31.

| | |
|------------------------------|---|
| Winter Season On-Peak | Weekdays between 7:00 a.m. and 10:00 a.m. and 5:00 p.m. and 8:00 p.m. |
| Summer Season On-Peak | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

Agricultural Service Rate Schedule AG

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 day, more than 34 days or spans more than one season. The Electricity Usage allowances, System Infrastructure Fixed Charge, and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|--|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Seasons overlap and price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective season or pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period of June through September. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months.

(End)

Distribution Wheeling Service Rate Schedule DWS

I. Applicability

This Rate Schedule 1-DWS is optional for customers requesting Distribution Wheeling Service. SMUD may, at its sole discretion, provide Distribution Wheeling Service to Independent Power Producers and Cogenerators, also referred to as Merchant Generators, within SMUD territory, who establish a need for this service. Wheeling service requests will be evaluated on a case by case basis and may be limited by availability of distribution system capacity. This rate has been developed for wholesale power transactions and SMUD will not wheel non-SMUD power to its retail customers under this rate.

This Rate Schedule 1-DWS is available to entities owning generating facilities that meet the following conditions:

- The entity's generating facility is connected to SMUD's distribution system; and
- The entity has a power purchase (offtake) agreement for the output of the generating facility with an entity other than SMUD; and
- Power delivery under the power purchase agreement occurs at a location outside of the SMUD system.

Under this service, the power from the associated generating facility will be wheeled (transferred) across SMUD's distribution system from the point of interconnection to SMUD's distribution system (Interconnection Point) to SMUD's bulk power system. Entities taking service under this rate schedule will also be required to take Transmission Wheeling Service from SMUD under the SMUD Open Access Transmission Tariff (OATT).

Service under this schedule is on a first-come, first-served basis and is available unless the usage of these wheeling facilities would be detrimental to SMUD. This schedule is available for interconnection of the qualified generating facility to the SMUD distribution system, wherever that may occur within the SMUD service territory.

II. Rates

| Distribution Wheeling Charge | <u>12/21 kV*</u> | <u>69 kV*</u> |
|------------------------------|------------------|---------------|
| \$/kilowatt-month | \$9.452 | \$1.472 |

* includes all path charges to SMUD's bulk power system

III. Conditions of Service

A. Application for Service

Any entity requesting service under this rate schedule must submit an application for Distribution Wheeling Service. Application for such service is available at the SMUD website, www.smud.org.

B. Required Service Contract

The entity taking wheeling service under the rate schedule shall execute a Distribution Wheeling Agreement (DWA) in accordance with SMUD Policy and Procedure 8-05.

C. Reservation Deposit

The entity requesting service under this rate schedule will be required to submit a deposit equal to one month of service under this rate. The deposit will be refundable up until the time that the entity commits to service by execution of the DWA. Once the DWA is executed, the reservation deposit becomes a nonrefundable payment for the first month of service under the rate schedule.

D. Term

Applicant must specify, at the time of application, the start date for the requested service. Applicant must also specify the duration that is requested for service. SMUD will accept applications for service up to 20 years.

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Resolution No. _____ adopted June 15, 2017

Sheet No. **1-DWS-1**

Effective: **July 1, 2017**

Edition: **July 1, 2017**

Distribution Wheeling Service Rate Schedule DWS

E. Application Under SMUD'S OATT

Applicants must also make application for Transmission Service under SMUD's Open Access Transmission Tariff.

F. Definitions

The following definitions apply to this schedule:

1. Applicant: The entity requesting service under this rate schedule.
2. Distribution Wheeling: The transfer of Merchant Generator power at 12 kV, 21 kV, or 69 kV for delivery to a third party outside SMUD service territory.

G. Electrical Interconnection

Applicant must also make a request for interconnection that complies with SMUD's Rule and Regulation 21 process for interconnection, and must meet the requirements of Rule and Regulation 21, which include executing an Interconnection Agreement with SMUD. Any resources *not* meeting the Rule and Regulation 21 requirements will not be eligible for service under this schedule.

H. Metering Requirements

Distributed generation resources receiving service under this schedule shall comply with all applicable rules in installing metering equipment appropriate for full output monitoring agreements, and which can be read daily by electronic means acceptable to SMUD. The customer shall be responsible for procuring and maintaining any communication link required by SMUD for retrieving meter data.

IV. Line Losses

Merchant Generators taking service under this rate schedule will be assessed a line loss factor. Line losses will be applied as the electricity transitions from one voltage level to another. The line losses by voltage level are as follows:

| <u>Voltage Level</u> | <u>Loss Factor</u> |
|----------------------|--------------------|
| 12/21kV | 4.06% |
| 69kV | 1.53% |

SMUD reserves the right to update the line loss factor annually on January 1.

Line losses will be applied to the amount of generated electricity that is measured at the point of interconnection between the Merchant Generator's facility and SMUD's electrical system.

(End)

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule 1-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive discounts as follows.

The maximum EAPR discount is \$42 per month for customers not on a well rate and \$54 a month for well rate customers. The calculation of the EAPR discount is the sum of the following components, up to the maximum:

1. An \$11.50 discount off the residential System Infrastructure Fixed charge (SIFC).
2. A discount of 48 percent applied to the electricity usage charges calculated at non-EAPR rates.

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet the EAPR income guidelines.
 1. The primary function of the site shall be to provide a home (sleeping quarters) for low-income residents who would otherwise meet the residential EAPR guidelines defining low-income if permanently residing in a residence.
 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

V. Discount for Nonprofit Organization

Eligible commercial customers will receive discounts as follows:

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The General Service GSN and GSN_T System Infrastructure Fixed Charge will be set at \$13.10 each billing period.
- C. The General Service GSS and GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- D. The General Service rate schedules GS-TOU1, GS-TOU2, GS-TOU3 System Infrastructure Fixed Charge will receive a 15 percent discount applied each billing period.

Residential and General Service Energy Assistance Program Rate Schedule EAPR

VI. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.

B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

VII. Conditions of Service

A. Application

To qualify for EAPR, the customer must complete a SMUD application and submit requested supporting documents. Applications are processed by SMUD' or SMUD's designated agent.

Residential applications are available at SMUD's website, www.smud.org, or by calling SMUD customer service at 1-888-742-7683.

Nonprofit organizations must provide a copy of a valid determination or ruling letter from the Internal Revenue Service attesting to their charitable nonprofit status. Nonprofit Organization applications are available by calling SMUD customer service at 1-888-742-7683.

B. Verification

Upon request, applicants shall provide proof, satisfactory to SMUD or its designated agent, that they meet the eligibility requirements. Failure to provide proof as requested will be considered just cause for denial to enroll in EAPR. It is the customer's responsibility to immediately notify SMUD or its designated agent when eligibility requirements change to the extent that the applicant no longer qualifies for this program. Applicants served under this program may be subject to annual review and/or verification. Any intent to defraud SMUD will result in rebilling of the applicant's bill and removal from the Energy Assistance Program Rate. SMUD reserves the right to take appropriate legal action as warranted.

VIII. Billing

The effective date of EAPR will be the beginning of the billing period in which the request is approved. If participation is terminated, the effective termination date will be the beginning of the billing period in which the request is received or the cancellation date. The maximum EAPR discount will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The discount may be reflected on the customer's bill with a rate-based identifier code or line item description.

(End)

Residential Service Medical Equipment Discount Program Rate Schedule MED

I. Applicability

This Rate Schedule 1-MED applies to customers receiving service under residential rates, who certify, in writing, that the customer or a full-time resident in the customer's home:

- Is dependent on a qualifying medical equipment device used in the home; or
- Has a medical condition with special electric heating needs or air conditioning needs.

II. Medical Equipment Discount

A Medical Equipment Discount (MED) discount will be applied to the electricity usage portion of the bill per month.

MED Rate Discount\$15.00

III. Medical Equipment Discount and Energy Assistance Program Rate

Qualified residential customers on both the Energy Assistance Program Rate (EAPR) and the MED receive the EAPR discount as described in Rate Schedule 1-EAPR and the MED discount.

IV. Conditions

A. Application and Certification

An application must be completed along with certification from a qualified health professional stating that a medical need exists. A current definition of "qualified health professional" is posted on the SMUD website, www.smud.org.

B. Medical Equipment Device

A medical equipment device, for purposes of these rates, is defined as a qualifying medical device requiring utility-supplied electricity for its operation that is regularly required for mobility or to sustain the life of a person residing in a residential dwelling. Qualified devices change frequently as technology changes. A current list of qualified devices and medical conditions is available on the SMUD website, www.smud.org.

C. Request for Additional Discount

If this discount does not meet a household's medical-electricity needs, customers may contact SMUD to discuss additional assistance.

V. Billing

The MED program option will be effective commencing with the beginning of the billing period in which the request is received and approved. Return to another rate option will be effective commencing with the beginning of the billing period in which the request is received or the cancellation date, if enrollment in the MED program is terminated. The discount may be reflected on the customer's bill with a rate-based identifier code or line item description.

(End)

Residential Service Rate Schedule R

I. Applicability

This Rate Schedule I-R applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes; and
3. Master-metered service to a qualifying multifamily accommodation or mobile home park that is submetered to all single-family units or individual mobile homes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Legacy Rate (rate categories RSCH, RWCH, RSEH, RWEH, RSGH and RWGH)

1. The Legacy Rate is the standard rate for SMUD’s residential customers, except customers who have an eligible renewable electrical generation facility on the premises. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018, and are enrolled on the Legacy Rate or the Time-of-Day (4-7 p.m. Peak) Rate under Rate Schedule R-TOD on or before December 31, 2017 may remain on these rates until December 31, 2022.

II. Firm Service Rates

A. Legacy Rate Customers (rate categories RSCH, RWCH, RSEH, RWEH, RSGH, RWGH)

Winter Season* – October 1 through May 31

System Infrastructure Fixed Charge per month \$20.00

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1128

Summer Season – June 1 through September 30

System Infrastructure Fixed Charge per month \$20.00

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1291

* All seasons with the exclusion of summer (June 1 – September 30), include the following residential SmartPricing Options Pilot Program rate categories: RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, and RWGH_SP. Winter Season includes Fall (Oct 1 – Nov 30) and Spring (Apr 1 – May 31) periods for Electric Heat rate customers (RSCH, RWCH, RSEH, RWEH).

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

IV. Rate Option Menu

- A. **Energy Assistance Program.** Refer to Rate Schedule 1–EAPR.

Residential Service Rate Schedule R

- B. Medical Equipment Discount Program.** Refer to Rate Schedule 1–MED.
- C. Joint Participation in Medical Equipment Discount and Energy Assistance Programs.** Refer to Rate Schedule 1–MED.
- D. Time-of-Day Rate.** Refer to Rate Schedule 1- R-TOD.
- E. Generator Standby Service Option**

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating of less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Generator Standby Charge January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.57

In addition to the Generator Standby Charge, SMUD will continue to bill for all applicable charges under this rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power.

The Generator Standby Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

- F. Net Energy Metering Option.** Refer to Rate Schedule 1-NEM.

G. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional monthly electricity usage charge of no less than 1/2 cent and no greater than 2 cents per kWh. SMUD may offer up to three premium rate options representing various blends of renewable resources and/or renewable energy credits within the 1/2 cent to 2 cent range. The actual prices will be published each November and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-------------------------------------|--------|
| Fixed Greenergy All Renewables..... | \$6.00 |
| Fixed Greenergy Advocate..... | \$3.00 |

H. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

Residential Service Rate Schedule R

I. Plug-In Electric Vehicle (PEV) Option. Refer to Rate Schedule 1-R-TOD.

J. Residential Three-Phase Service Option

This option is open to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month.....\$42.95

V. Conditions of Service

A. Master-Metered Multifamily Accommodation and Mobile Home Park Billing (Rate Category RSMM)

This rate is closed to new customers unless SMUD determines that it is not reasonable or feasible to provide service and meter the individual units directly.

The master-metered customer's electricity consumption will be billed using the total kWh usage of the master-meter divided by the number of occupied single-family accommodations. The billing calculation will include applicable discounts to all kWh Usage Charges and System Infrastructure Fixed Charge for qualifying energy assistance and medical equipment discount program participants. The customer must advise SMUD within 15 days following any change in the number of occupied single-family accommodations wired for electric service.

VI. Billing

KWh usage may be prorated for nonstandard billing periods, when billing period spans a price change, and/or when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

| Billing Circumstance | Basis for Proration |
|--|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Seasons overlap and price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective season or pricing periods. |

(End)

Residential Time-of-Day Service Rate Schedule R-TOD

I. Applicability

This Rate Schedule 1-R-TOD applies to single- and three-phase service for the following types of residential premises:

1. Individual or dual metered residences with digital communicating meter installed, including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes.

Master-metered service to a qualifying multifamily accommodation or mobile home parks are not eligible for Time-of-Day rates under rate schedule R-TOD.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Time-of-Day (4-7 p.m. Peak) Rate (rate category RT01) Closed

1. Effective July 1, 2017, the Time-of-Day (TOD) (4-7 p.m. Peak) Rate is closed to customers who do not have a plug-in electric vehicle (PEV) or have an eligible renewable electrical generation facility under Rate Schedule 1-NEM.
2. Effective July 1, 2017, the TOD (4-7 p.m. Peak) Rate is the standard rate for customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018.
3. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018 can elect the Legacy Rate under Rate Schedule R as an alternative rate and may remain on the Legacy Rate until December 31, 2022.
4. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018, and are enrolled on the TOD (4-7 p.m. Peak) Rate may remain on this closed rate until December 31, 2022.
5. This rate has three kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown below. Holidays are detailed in Section V. Conditions of Service.

| | | |
|--|--------------------------|---|
| Jun 1 - Sep 30 | Summer Super Peak | Weekdays between 4:00 p.m. and 7:00 p.m. |
| Year-round (Jan 1 - Dec 31) | Peak | Weekdays between 9:00 a.m. and 9:00 p.m. except during the Summer Super Peak hours. |
| | Off-Peak | All other hours, including weekends and holidays ¹ . |

¹ See Section V. Conditions of Service

II. Firm Service Rate

| | |
|---|---------------------------|
| A. Time-of-Day (4-7 p.m. Peak) Rate | Rate Category RT01 |
| System Infrastructure Fixed Charge per month | \$20.00 |
| Winter Prices – October 1 through May 31 | |
| Electricity Usage Charge | |
| Peak \$/kWh | \$0.1485 |
| Off-Peak \$/kWh | \$0.0866 |

Residential Time-of-Day Service Rate Schedule R-TOD

Summer Prices - June 1 through September 30

Electricity Usage Charge

| | |
|--------------------------|----------|
| Summer Super Peak \$/kWh | \$0.3161 |
| Peak \$/kWh | \$0.1485 |
| Off-Peak \$/kWh | \$0.0866 |

* Winter Season includes Fall (Oct 1 – Nov 30), Winter (Dec 1 – Mar 31) and Spring (Apr 1 – May 31) periods.

B. Plug-In Electric Vehicle Credit (rate category RT01)

This credit is for residential customers who have a licensed passenger battery electric plug-in or plug-in hybrid electric vehicles.

Credit applies to all electricity usage charges from midnight to 6:00 a.m. daily

Electric Vehicle Credit..... ~~-\$0.0150~~/kWh

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

IV. Rate Option Menu

- A. Energy Assistance Program.** Refer to Rate Schedule 1-EAPR.
- B. Medical Equipment Discount Program.** Refer to Rate Schedule 1-MED.
- C. Joint Participation in Medical Equipment Discount and Energy Assistance Program.** Refer to Rate Schedule 1-MED.
- D. Generator Standby Service Option**

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Generator Standby Service – January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.57

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected residential TOD rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable residential TOD rates.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1–NEM.

- D. Net Energy Metering Option.** Refer to Rate Schedule 1-NEM for further details.

Residential Time-of-Day Service Rate Schedule R-TOD

E. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and solar projects.

2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional charge for monthly energy of no less than 1/2 cent and no greater than 2 cents per kWh. SMUD may offer up to three premium rate options representing various blends of renewable resources and/or renewable energy credits within the 1/2 cent to 2 cent range. The actual prices will be published each November and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-------------------------------------|--------|
| Fixed Greenergy All Renewables..... | \$6.00 |
| Fixed Greenergy Advocate..... | \$3.00 |

F. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

G. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

| | |
|--|---------|
| Special Facilities fee per month | \$42.95 |
|--|---------|

V. Conditions of Service

A. Time-of-Day Billing Periods

Off-Peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year’s Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln’s Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

Residential Time-of-Day Service Rate Schedule R-TOD

VI. Billing

A. Proration of Charges

The electricity usage charge and the monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

(End)

Application of Rates and Rate Options Rule and Regulation 12

I. Application of Rates

Charges for electric service will be computed according to the rates adopted by SMUD and applicable to the class of service supplied to each customer. Whenever SMUD adopts new rates, it will take such measures as may be practicable to inform all customers who may be affected that such new rates are in effect. Copies of all effective rates will be available for public inspection at SMUD's office at 6301 S Street, Sacramento and on the SMUD website, www.smud.org.

Where more than one rate is applicable to service to a customer or applicant for service, SMUD will inform such customer or applicant for service of the alternative rates, and such customer or applicant shall designate which rate he or she desires. As a means of assisting a customer or applicant in selecting the most favorable rate, SMUD may make comparative calculations of charges under such alternative rates but shall not be required to do so by any customer or applicant.

II. Application of Rate Options

When a customer desires service on an applicable rate other than that on which he or she is being billed, the customer shall notify SMUD and the change in rate will become effective for service rendered after the next regular billing period following the date of such notice. SMUD shall not be required to make more than one change in rate for any customer within 12 consecutive months unless a new rate is made effective or the operating conditions of such customer have changed so as to warrant a change in rate, except, however, that any such customer served on a rate with an annual minimum charge will not be permitted more than one change in rate in any 12 consecutive months.

Unless specifically provided in a rate, all SMUD rates are applicable only for service supplied entirely by SMUD without interconnection of the customer's facilities with any other source of supply.

(End)

Meter Tests and Adjustment for Bills for Meter Error Rule and Regulation 17

I. Meter Tests

Any customer may, upon not less than five days' notice, require SMUD to perform an electric meter test. No payment or deposit will be required from the customer for such test except under the following conditions:

1. When the meter test request is within six months after the date of installation of the meter; or
2. When the customer requests a meter test more often than once in six months.

If these exceptions apply, a deposit to cover the reasonable cost of the test will be required of the customer. SMUD will annually set the payment or deposit amount for meter tests based on average costs.

SMUD will apply the amount deposited by the customer as payment to SMUD to cover the meter test cost. However, the deposit will be returned to the customer if the meter is found, upon test, to register more than 2 percent fast or slow under conditions of normal operation.

A customer shall have the right to require SMUD to conduct the test in the customer's presence or, if the customer so desires, in the presence of an expert or other representative appointed by the customer. A report giving the result of the test will be supplied to the customer within a reasonable time after completion of the test.

No meter will be placed in service or allowed to remain in service that has an error in registration in excess of 2 percent under conditions of normal operation.

II. Adjustment of Bills for Meter Error

When, as the result of SMUD testing, a meter is found to be more than 2 percent fast, SMUD will provide the customer a refund of the overcharge based on the corrected meter data for the period in which the meter was in use. Refunds will be made for a maximum of 6 billing periods unless a date for the cause of the error can be established. In this case, the overcharge will be computed back to the established date of the error, but not beyond three years prior to the date the error is brought to SMUD's attention.

When, as the result of SMUD testing, a residential meter is found either not registering or registering less than 75 percent of the actual consumption, SMUD may bill the customer, for a period covering up to three months, either an average bill or a bill for the electricity consumed but not covered by the previous bills. In the case of meter tampering or fraud, billing adjustments may exceed the three-month billing limitation to cover the substantiated period of the infraction.

When, as the result of SMUD testing, a nonresidential meter is found to register more than 2 percent slow, SMUD may bill the customer for a period covering up to three months, for electricity consumed but not covered by previous bills, unless the actual date of the error can be firmly established, in which case, the billing correction may cover the actual period up to three years prior to the date the error is brought to SMUD's attention. In the case of meter tampering or fraud, billing adjustments may exceed the three-month billing limitation to cover the substantiated period of the infraction.

(End)

Appendix A Rate Code Definitions

SMUD will develop residential and commercial rate code nomenclature and will post this on its web site at www.smud.org. SMUD may update it from time to time as necessary or appropriate to reflect changed circumstances.

(End)

2018 Rates, Rules and Regulations

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The following listed sheets contain all effective rates, rules and regulations affecting rates and service, and information relating thereto, in effect on and after the date indicated. All rates are applicable to the territory served by SMUD.

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Preliminary Statement

Territory Served by SMUD

SMUD supplies electric service in most of Sacramento County and in a portion of Placer County.

Description of Service

A description of service available is contained in SMUD's Rule and Regulation 2.

The service available at any particular location should be ascertained by inquiry at SMUD's Customer Services Department office at 6301 S Street, Sacramento.

Procedure to Obtain Service

Any person or corporation whose premises are within the outer boundaries of SMUD may obtain service by applying for service at the Customer Services Department office establishing credit as hereinafter set forth and complying with SMUD's rules and regulations. Where an extension of SMUD's lines is necessary or whenever unusual service requirements are determined, applicant will be informed as to the conditions under which service will be supplied.

Establishment of Credit and Deposits

After making proper application for electric service, it will be necessary for applicant to establish his credit in accordance with Rule and Regulation 6.

General

1. MEASUREMENT OF ELECTRIC ENERGY

All electric energy supplied by SMUD to its customers shall be measured by means of suitable standard electric meters, except as otherwise specifically provided in SMUD's Rules and Regulations.

2. DISCOUNTS

All rates hereinafter listed are net rates and are not subject to discount unless specifically stated in the Rates.

Agricultural Service Rate Schedule AG

I. Applicability

This Rate Schedule I-AG applies to single- or three-phase nonresidential agricultural service, delivered at standard voltages designated by SMUD as available at the customer's premises. The electricity must be for pumping loads where a preponderance of the load is devoted to agricultural purposes such as farm lighting, feed choppers, milking machines, heating for incubators, brooders, and other farm uses; drainage pumping loads where a preponderance of the area drained is agricultural; and irrigation pumping loads for nonagricultural purposes where the entire loads, except for minor incidental uses, are devoted to such pumping.

This schedule is mandatory for agricultural accounts with monthly maximum demand that does not exceed 499 kW for three or more consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rate

A. Small Agricultural Service, Nondemand Rates – ASN

This rate applies to agricultural accounts having a monthly maximum demand of 30 kW or less. If the account does not have a meter that registers demand, and monthly usage is at least 12,000 kWh for three consecutive months, a demand meter will be installed. Whenever monthly maximum demand exceeds 30 kW for three consecutive months, the customer will be billed on the applicable demand rate. To return to the nondemand rate, the account's monthly maximum demand must fall below 31 kW and usage must be below 12,000 kWh for 12 consecutive months.

| Season | (Nov 1 - Apr 30) | (May 1 - Oct 31) |
|--|------------------|------------------|
| | Winter | Summer |
| System Infrastructure Fixed Charge - per month per meter | \$11.00 | \$11.00 |
| Electricity Usage Charge \$/kWh for all kWh | \$0.1221 | \$0.1338 |

B. Large Agricultural Service, Demand Rates – ASD

This rate applies to agricultural accounts having a monthly maximum demand greater than 30 kW but less than 499 kW for three consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. The customer will be billed on the demand-metered rate until the demand falls below 31 kW and energy is less than 12,000 kWh for 12 consecutive months before being returned to the ASN Rate.

| Season | Winter | Summer |
|---|-----------|-----------|
| System Infrastructure Fixed Charge - per month per meter | \$25.55 | \$25.55 |
| Site Infrastructure Charge (<i>\$ per 12-month max kW or contract capacity</i>) | | |
| First 30 kW | No Charge | No Charge |
| Additional kW per month | \$2.52 | \$2.52 |
| Electricity Usage Charge \$/kWh | | |
| Base Usage – 8,750 kWh per month | \$0.1352 | \$0.1296 |
| Base Usage Plus – kWh over 8,750 per month | \$0.1061 | \$0.0938 |

C. Small Agricultural Optional Time-of-Use – AON

This optional rate is for small agricultural accounts having a monthly maximum demand of 30 kW or less. Customers transferring to the small agricultural Time-of-Use Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

Agricultural Service Rate Schedule AG

| Season | Winter | Summer |
|---|----------|----------|
| System Infrastructure Fixed Charge - per month – per meter | \$14.75 | \$14.75 |
| Electricity Usage Charge \$/kWh | | |
| On-Peak period | \$0.1404 | \$0.2036 |
| Off-Peak period | \$0.1197 | \$0.1094 |

D. Large Agricultural Optional Time-of-Use – AOD

This optional rate is for large agricultural accounts with demand greater than 30 kW and less than 499 kW. Customers transferring to the agricultural Time-of-Use Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

| Season | Winter | Summer |
|---|----------|----------|
| System Infrastructure Fixed Charge per month – per meter | \$88.85 | \$88.85 |
| Maximum Demand Charge \$/ kW | \$2.51 | \$3.51 |
| Electricity Usage Charge \$/kWh | | |
| On-Peak period | \$0.1398 | \$0.2164 |
| Off-Peak period | \$0.1187 | \$0.1153 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

| Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|------------------|----------------|------------------------|
| | \$6.64 | \$5.25 | \$2.65 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

- B. **Net Energy Metering Option.** Refer to Rate Schedule 1-NEM.

Agricultural Service Rate Schedule AG

C. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

D. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD's website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

B. Service Voltage Definition

The following defines the three voltage classes available. The rate shall be determined by the voltage level at which service is taken according to the following:

1. Secondary Service Voltage

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as "Primary" or "Subtransmission."

2. Primary Service Voltage

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer's monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. Subtransmission Service Voltage

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer's monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

Agricultural Service Rate Schedule AG

C. Power Factor Adjustment

1. Adjustment (charge varies by month)

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer's monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer's monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0109

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2886

D. Time-of-Use Billing Periods

Winter season is from November 1 through April 30. Summer season is from May 1 through October 31.

| | |
|------------------------------|---|
| Winter Season On-Peak | Weekdays between 7:00 a.m. and 10:00 a.m. and 5:00 p.m. and 8:00 p.m. |
| Summer Season On-Peak | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

Agricultural Service Rate Schedule AG

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 day, more than 34 days or spans more than one price. The Electricity Usage allowances, System Infrastructure Fixed Charge, and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period of June through September. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months.

(End)

General Service Campus Billing Rate Schedule CB

I. Applicability

This Rate Schedule 1-CB is optional for general service customers served at a common address or industrial campus that have several accounts or service entrances on the same contiguous campus. Campus Billing provides for either hardwire or post-metering of a combination of these accounts to a single load shape for billing purposes. Under this option the customer receives one bill for the entire campus and the aggregated monthly maximum kW is used to determine the applicable rate schedule under which the campus account will be billed. Campus billing is available to customers where at least one existing account to be included in the campus account is on Rate Schedules GS-TOU1, GS-TOU2 or GS-TOU3.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Pricing Structure

A. System Infrastructure Fixed Charge

The customer pays a single System Infrastructure Fixed Charge to recover the cost of maintaining or replacing one meter and the overhead costs for billing and customer service.

B. Campus Meters Charge

The customer must pay a Campus Meters Charges for all but the first meter. The Campus Meters Charge recovers costs for the meters, Current Transformer (CT), Potential Transformer (PT), meter testing, data management services, auxiliary metering equipment and additional billing services. The Campus Meters Charges vary by service voltage level. Information on the associated monthly charges is available on SMUD’s website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.

C. Data Services Meter Rental

If a data service meter is required for communication with a legacy meter(s) there is an additional fee for rental of the data services meter. Information on the associated monthly charges is available on SMUD’s website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.

D. Rate Changes

Campus billing prices will be subject to any applicable changes to the GS-TOU rates, the Campus Meter Charges, and the Data Services Meter Rental Charge.

III. Site Infrastructure Charge

When the accounts are aggregated through Campus Billing, SMUD creates a new account with no billing history. As a result, the 12-months maximum kW basis for the Site Infrastructure Charge is initially set by the first month’s maximum kW on the campus account.

IV. Conditions of Service

The following criteria define the conditions under which campus rates would be permitted. Failure to comply with any of these conditions will revoke the option for campus billing and the campus will be returned to individual accounts on their applicable rate.

- A. All accounts are under the same legal entity buying and consuming the power at the site.

General Service Campus Billing Rate Schedule CB

- B. The term “legal entity” means the name on each account must be the same company/organization.
- C. All meters are on a contiguous site. The parcels of land are physically adjacent; the parcels may be separated by public streets or railways.
- D. No meter provides sub-metering on campus to third parties.
- E. All meters are served at the same service voltage. SMUD recognizes the following three voltage classes:
 - 1. Transmission – 69 kV or higher
 - 2. Primary – 12 kV or 21 kV
 - 3. Secondary – all voltages lower than 12 kV
- F. Each meter is capable of interval metering on each service entrance.
If a meter is not capable of interval metering the customer will be charged for the cost of installing such a meter.
- G. Agricultural Service and General Service accounts.

AG and GS can be included in a campus account, however, a campus account cannot consist of solely accounts on Agricultural service or solely on General Service or a combination of Agricultural and General Service cannot combine into a campus account.
- H. The campus account maintains or exceeds GS-TOU3 eligibility.
- I. No use of parallel systems for shifting load between different rate offerings.

Should this occur, SMUD shall have the right to corrective billing on a single rate and full reimbursement of waived System Infrastructure Fixed Charges.
- J. The customer provides SMUD with a single point of contact for billing and service questions.
- K. At least one of the proposed campus accounts is on a GS-TOU Rate as defined in Rate Schedules GS-TOU1, GS-TOU2, or GS-TOU3 at the time campus billing is requested.
- L. All the meters must feed off the same substation as determined by SMUD. For subtransmission customers, all meters must be fed off the same bank at the substation as determined by SMUD.

Campus accounts created before January 1, 2014, are grandfathered under the prior rate option with regard to subsection J, and subsection K. If a grandfathered account requests that additional meters be added to the campus, the addition will be allowed if the service is fed from a substation already part of the campus account.

V. Setting Up a Campus Account

A customer can request campus billing from an Energy Advisor. The Energy Advisor will verify the customer’s accounts meet the requirements and the eligibility for campus billing. If the Energy Advisor determines the accounts are eligible the Energy Advisor will provide a Request for Campus Billing Option form for the customer detailing the startup costs and the ongoing monthly costs. Once the Request form is returned with the customer’s signature acknowledging the costs the Energy Advisor will submit the request to Billing. Campus billing will start on the bill after all accounts have been prepared for campus billing.

VI. Billing

A. Service Rendered

Service rendered in accordance with this rate is at SMUD’s sole discretion.

General Service Campus Billing Rate Schedule CB

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Billing period is less than 27 days | Relationship between the length of the billing period and 30 days. |
| Billing period is more than 34 days | |
| Price changes within billing period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

VII. Terminating a Campus Billing Account

If after a rolling twelve-month period the demand for the campus account falls below the minimum demand for a GS-TOU3 rate, the campus account will be terminated. All meters will revert to individual accounts. The accounts will not be eligible to return to a campus account for twelve months thereafter and only if they meet all the criteria for the Campus Billing Option listed in Section IV Conditions of Service. This rule applies to all Campus accounts regardless the date they were created.

The customer can elect to revert back to individual accounts at any time by contacting Billing or an Energy Advisor. All meters will be converted to single accounts and the corresponding current rates will be assigned based on usage and demand. It may take more than one billing cycle to change the campus account back to individual accounts.

VIII. Reinstating a Campus Billing Account

After terminating the Campus Billing Option, the campus account, or dropping one or more meters from the campus account, the customer cannot have any of the meters that comprised the campus account reinstated on an existing or new campus account for 12 months from the date of removal from the option.

After 12 months, the meters can be used to create a new campus account or be added to an existing campus.

If the original campus account no longer exists, the procedure for setting up a Campus Account must be followed. See section V.

(End)

Combined Heat and Power (CHP) Distributed Generation Rate Schedule CHP

I. Applicability

This Rate Schedule 1-CHP is optional for customers who wish to sell all excess generation to SMUD from an eligible Combined Heat and Power (CHP) generation facility with a capacity of 3 MW or less operating in parallel with SMUD’s distribution system, or with a capacity of 20 MW or less operating in parallel with SMUD’s subtransmission system. The facility must continuously meet the qualifications in Section IV General Conditions. This schedule applies solely to the excess generation delivered to SMUD.

II. Pricing Structure

Under this schedule, SMUD will pay the customer the applicable price for metered energy delivered by the eligible CHP facility during the time periods specified in this schedule.

A. Excess Generation Prices

The CHP excess generation prices will be posted at SMUD’s website, www.smud.org. Prices will be differentiated by delivery voltage, season and time-of-day. CHP excess generation prices will be reset each January 1 and apply for that calendar year to all CHP excess generation delivered to SMUD, regardless of the date of the CHP commissioning and interconnection to SMUD’s system, or the effective date of the Power Purchase Agreement (PPA) and Interconnection Agreement.

The CHP excess generation prices reflect SMUD’s underlying avoided costs for procurement and delivery of comparable power during the specified terms and time periods. The avoided cost is made up of the following components:

- Market Energy Price
- Losses by voltage level
- Transmission and Distribution

SMUD will typically pay for CHP excess generation based on the voltage at the point of delivery to the SMUD system. However, to the extent that SMUD must step up the excess generation to a higher voltage level in order to serve its customers, the pricing for the excess CHP generation will be based on the higher voltage level.

B. Time-of-Delivery Periods

| Season | Months | Super Peak | On Peak | Off Peak |
|---------------|-------------|---|--|-----------------|
| Summer | June - Sept | 2:00 to 8:00 p.m. Mon – Sat except holidays | 6:00 a.m. to 2:00 p.m. & 8:00 p.m. to 10:00 p.m. Mon - Sat except holidays | All other hours |
| Fall & Winter | Oct - Feb | | | |
| Spring | Mar - May | | | |

Off-peak pricing shall apply during the following holidays:

| Holiday | Month | Date |
|------------------|-----------|-----------------|
| New Year’s Day | January | 1 |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

Combined Heat and Power (CHP) Distributed Generation Rate Schedule CHP

III. Charges

A. Reserved Capacity Charge

The customer shall pay a monthly Reserved Capacity Charge to compensate SMUD for standing ready to supply supplemental service, backup electricity, and other services/electricity during interruptions in the CHP facility's operation. The Reserved Capacity Charge is based on the greater of the following:

- The customer's Maximum Anticipated Demand or actual monthly demand, if higher, multiplied by the Reserved Capacity Rate per kW shown below; or
- The Generator Installed Capacity of the CHP facility multiplied by the Reserved Capacity Rate per kW shown below.

| | | |
|--|--------------------------------|------------------------|
| | Secondary & Primary | Subtransmission |
| Reserved Capacity Rate (per kW) | \$6.36 | \$6.11 |

1. Maximum Anticipated Demand

The initial maximum anticipated demand will be the customer's maximum monthly demand in the prior 18 months at the time the PPA is executed.

2. Generator Installed Capacity

The Generator Installed Capacity of the facility will be set forth in the PPA.

3. Reset of Reserved Capacity Basis

If, at any time, the customer's actual monthly demand exceeds the Generator Installed Capacity of the CHP facility, the demand used to calculate the Reserved Capacity Charge will be reset to use the newly established demand as the basis for the charge.

B. Data Communications Charges

The customer shall be responsible for procuring and maintaining any communication link required by SMUD for retrieving meter data. Ongoing data communication charges paid by SMUD on behalf of the customer will be passed through to the customer and will appear on the customer's monthly SMUD bill.

C. Other Charges

SMUD will continue to bill for all appropriate charges under the applicable rate schedule for SMUD supplied power to the customer. These charges include without limitation System Infrastructure Fixed Charge, Electricity Usage charges, surcharges, and taxes. Site Infrastructure Charges and Summer Super Peak Demand Charges are applicable if the sum of these two charges is greater than the Reserved Capacity Charge. Each month, the Reserved Capacity Charge will be compared to the sum of the Site Infrastructure Charge plus any Summer Super Peak Demand Charge. On the monthly bill, the customer will be charged the greater of the two calculations, but not both. The monthly bill will also include applicable metering and data communications charges.

IV. Conditions of Service

A. Eligible CHP Facility

To be eligible for this schedule, the CHP facility shall maintain without interruption certification by the California Energy Commission (CEC) as outlined in the CEC's "Guidelines for Certification of Combined Heat and Power Systems Pursuant

Combined Heat and Power (CHP) Distributed Generation Rate Schedule CHP

to the Waste Heat and Carbon Emissions Reduction Act - Public Utilities Code, Section 2840 *Et Seq.*” . CHP systems placed into operation before January 1, 2008 are not eligible for this schedule.

B. Territory

The CHP facility must be located entirely within SMUD’s service territory.

C. Required Contract

An eligible CHP facility operating under this schedule shall execute a Power Purchase Agreement (PPA) with SMUD. The PPA shall be offered for contract durations of up to 10 years at the option of the customer.

D. Participation in Other SMUD Programs

An eligible CHP facility operating under this schedule may not also obtain benefits for the same facility from any of the following:

1. A separate contract with SMUD for deliveries from the same facility; or
2. Incentives from SMUD under customer programs implemented in compliance with SB1 requirements or similar program; or
3. The net metering option for energy deliveries from the same facility.

E. Electrical Interconnection

An eligible CHP facility under this schedule shall be interconnected within SMUD’s service territory and shall be required to comply with SMUD’s Rule and Regulation 21 process for interconnection and execute an Interconnection Agreement with SMUD. Facilities not meeting the Rule and Regulation 21 requirements will **not** be eligible for service. Any costs for system upgrades and facilities required for interconnection are the responsibility of the customer.

F. Metering Requirements

The eligible CHP facility operating under this schedule shall comply with all applicable rules in installing, at the customer’s expense, a bi-directional time-of-use meter appropriate for excess sale agreements, that can be read daily by electronic means acceptable to SMUD. SMUD will pay for and install a gross output meter to measure the generator output and provide for SMUD data requirements. The customer shall provide and pay for the meter socket and cabinet, and all required current transformers and potential transformers.

G. Energy and Green Attributes

The customer shall, in accordance with the terms and conditions of the PPA, provide and convey to SMUD excess energy produced by the eligible CHP facility net of all station use and any and all site host load. Such conveyance shall include all related Green Attributes.

(End)

Distribution Wheeling Service Rate Schedule DWS

I. Applicability

This Rate Schedule 1-DWS is optional for customers requesting Distribution Wheeling Service. SMUD may, at its sole discretion, provide Distribution Wheeling Service to Independent Power Producers and Cogenerators, also referred to as Merchant Generators, within SMUD territory, who establish a need for this service. Wheeling service requests will be evaluated on a case by case basis and may be limited by availability of distribution system capacity. This rate has been developed for wholesale power transactions and SMUD will not wheel non-SMUD power to its retail customers under this rate.

This Rate Schedule 1-DWS is available to entities owning generating facilities that meet the following conditions:

- The entity's generating facility is connected to SMUD's distribution system; and
- The entity has a power purchase (offtake) agreement for the output of the generating facility with an entity other than SMUD; and
- Power delivery under the power purchase agreement occurs at a location outside of the SMUD system.

Under this service, the power from the associated generating facility will be wheeled (transferred) across SMUD's distribution system from the point of interconnection to SMUD's distribution system (Interconnection Point) to SMUD's bulk power system. Entities taking service under this rate schedule will also be required to take Transmission Wheeling Service from SMUD under the SMUD Open Access Transmission Tariff (OATT).

Service under this schedule is on a first-come, first-served basis and is available unless the usage of these wheeling facilities would be detrimental to SMUD. This schedule is available for interconnection of the qualified generating facility to the SMUD distribution system, wherever that may occur within the SMUD service territory.

II. Rates

| Distribution Wheeling Charge | <u>12/21 kV*</u> | <u>69 kV*</u> |
|------------------------------|------------------|---------------|
| \$/kilowatt-month | \$9.546 | \$1.487 |

* includes all path charges to SMUD's bulk power system

III. Conditions of Service

A. Application for Service

Any entity requesting service under this rate schedule must submit an application for Distribution Wheeling Service. Application for such service is available at the SMUD website, www.smud.org.

B. Required Service Contract

The entity taking wheeling service under the rate schedule shall execute a Distribution Wheeling Agreement (DWA) in accordance with SMUD Policy and Procedure 8-05.

C. Reservation Deposit

The entity requesting service under this rate schedule will be required to submit a deposit equal to one month of service under this rate. The deposit will be refundable up until the time that the entity commits to service by execution of the DWA. Once the DWA is executed, the reservation deposit becomes a nonrefundable payment for the first month of service under the rate schedule.

D. Term

Applicant must specify, at the time of application, the start date for the requested service. Applicant must also specify the duration that is requested for service. SMUD will accept applications for service up to 20 years.

Distribution Wheeling Service Rate Schedule DWS

E. Application Under SMUD'S OATT

Applicants must also make application for Transmission Service under SMUD's Open Access Transmission Tariff.

F. Definitions

The following definitions apply to this schedule:

1. Applicant: The entity requesting service under this rate schedule.
2. Distribution Wheeling: The transfer of Merchant Generator power at 12 kV, 21 kV, or 69 kV for delivery to a third party outside SMUD service territory.

G. Electrical Interconnection

Applicant must also make a request for interconnection that complies with SMUD's Rule and Regulation 21 process for interconnection, and must meet the requirements of Rule and Regulation 21, which include executing an Interconnection Agreement with SMUD. Any resources *not* meeting the Rule and Regulation 21 requirements will not be eligible for service under this schedule.

H. Metering Requirements

Distributed generation resources receiving service under this schedule shall comply with all applicable rules in installing metering equipment appropriate for full output monitoring agreements, and which can be read daily by electronic means acceptable to SMUD. The customer shall be responsible for procuring and maintaining any communication link required by SMUD for retrieving meter data.

IV. Line Losses

Merchant Generators taking service under this rate schedule will be assessed a line loss factor. Line losses will be applied as the electricity transitions from one voltage level to another. The line losses by voltage level are as follows:

| <u>Voltage Level</u> | <u>Loss Factor</u> |
|----------------------|--------------------|
| 12/21kV | 4.06% |
| 69kV | 1.53% |

SMUD reserves the right to update the line loss factor annually on January 1.

Line losses will be applied to the amount of generated electricity that is measured at the point of interconnection between the Merchant Generator's facility and SMUD's electrical system.

(End)

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule 1-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program Rate (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive discounts as follows.

The maximum EAPR discount is \$42 per month for customers not on a well rate and \$54 a month for well rate customers. The calculation of the EAPR discount is the sum of the following components, up to the maximum:

1. An \$11.50 discount off the residential System Infrastructure Fixed charge (SIFC).
2. A discount of 48 percent applied to the electricity usage charges calculated at non-EAPR rates.

As early as September 1, 2018, existing eligible customers on the 2018 Energy Assistance Program Rate, will gradually transition as determined by SMUD to the 2019 Energy Assistance Program Rate beginning the first full billing cycle in September 2018.

The EAPR discount will include two components:

1. A \$10 System Infrastructure Fixed Charge discount per month;
2. An additional discount off the energy usage charges of the bill up to a maximum of \$40 per month depending on income guidelines.

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet the EAPR income guidelines.
 1. The primary function of the site shall be to provide a home (sleeping quarters) for low-income residents who would otherwise meet the residential EAPR guidelines defining low-income if permanently residing in a residence.
 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

Residential and General Service Energy Assistance Program Rate Schedule EAPR

V. Discount for Nonprofit Organization

Eligible commercial customers will receive discounts as follows:

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The GSN_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- C. The GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- D. The General Service rate schedules GS-TOU1, GS-TOU2, GS-TOU3 System Infrastructure Fixed Charge will receive a 15 percent discount applied each billing period.

VI. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

VII. Conditions of Service

A. Application

To qualify for EAPR, the customer must complete a SMUD application and submit requested supporting documents. Applications are processed by SMUD or SMUD's designated agent.

Residential applications are available at SMUD's website, www.smud.org, or by calling SMUD customer service at 1-888-742-7683.

Nonprofit organizations must provide a copy of a valid determination or ruling letter from the Internal Revenue Service attesting to their charitable nonprofit status. Nonprofit Organization applications are available by calling SMUD customer service at 1-888-742-7683.

B. Verification

Upon request, applicants shall provide proof, satisfactory to SMUD or its designated agent, that they meet the eligibility requirements. Failure to provide proof as requested will be considered just cause for denial to enroll in EAPR. It is the customer's responsibility to immediately notify SMUD or its designated agent when eligibility requirements change to the extent that the applicant no longer qualifies for this program. Applicants served under this program may be subject to annual review and/or verification. Any intent to defraud SMUD will result in rebilling of the applicant's bill and removal from EAPR. SMUD reserves the right to take appropriate legal action as warranted.

VIII. Billing

The effective date of EAPR will be the beginning of the billing period in which the request is approved. If participation is terminated, the effective termination date will be the beginning of the billing period in which the request is received or the cancellation date. The maximum EAPR discount will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The discount may be reflected on the customer's bill with a rate-based identifier code or line item description.

(End)

General Service Rate Schedule GS

I. Applicability

This Rate Schedule 1-GS applies to single- or three-phase nonresidential general service delivered at standard voltages designated by SMUD as available at the customer’s premises. This schedule is mandatory for all commercial and industrial (C&I) accounts with monthly maximum demand that does not exceed 299 kW for three or more consecutive months. General Service customers include commercial and nonagricultural irrigation pumping accounts. This schedule also applies to General Service accounts with contract capacity of 299 kW or less. The demand for any month shall be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Small Nondemand Service (GSN_T)

This rate applies to General Service accounts with a monthly maximum demand of 20 kW or less. Whenever the monthly maximum demand exceeds 20 kW for *any* three consecutive months and the monthly energy usage is at least 7,300 kWh for *any* three consecutive months within a 12-month period, the account will be billed on the applicable demand rate. To return to the nondemand rate, the monthly maximum demand must be 20 kW or less for 12-consecutive months **or** the usage must be less than 7,300 kWh for 12 consecutive months.

B. Small Nondemand, Nonmetered Service (GFN)

This rate applies to General Service accounts where an account’s monthly consumption of electricity is consistently small or can be predetermined with reasonable accuracy by reference to the capacity of equipment served and the hours of operation, SMUD, at its discretion, and with the customer’s consent, will calculate electricity consumed in lieu of providing metering equipment. The calculated electricity consumption will be billed at the average of the GSN_T rate’s annual electricity usage charges.

C. Small Demand Service (GSS_T)

This rate applies to General Service accounts with a monthly maximum demand of at least 21 kW but does not exceed 299 kW for *any* three consecutive months **and** monthly energy usage of at least 7,300 kWh for *any* three consecutive months within a 12-month period. The customer will be billed on this demand rate unless the monthly usage is less than 7,300 for 12 consecutive months; or the maximum demand falls below 21 kW for 12 consecutive months; or the monthly maximum demand exceeds 299 kW for three consecutive months.

II. Firm Service Rates

| Rate Category | Nondemand GSN_T | Flat GFN | Demand GSS_T |
|--|--------------------|-------------|-----------------|
| Winter Season - October 1 through May 31 | | | |
| System Infrastructure Fixed Charge - per month per meter | \$20.20 | \$9.00 | \$24.55 |
| Site Infrastructure Charge (per 12 months max kW or contract capacity) | n/a | n/a | \$7.58 |
| Electricity Usage Charge | | | |
| All day \$/kWh | \$0.1303 | \$0.1318 | \$0.1021 |
| Summer Season - June 1 through September 30 | | | |
| System Infrastructure Fixed Charge - per month per meter | \$20.20 | \$9.00 | \$24.55 |
| Site Infrastructure Charge (per 12 months max kW or contract capacity) | n/a | n/a | \$7.58 |
| Electricity Usage Charge | | | |
| On-peak \$/kWh | \$0.3008 | \$0.1318 | \$0.2607 |
| Off-peak \$/kWh | \$0.1099 | \$0.1318 | \$0.0905 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.

B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

General Service Rate Schedule GS

IV. Rate Option Menu

A. Energy Assistance Program for Nonprofit Agencies. Refer to Rate Schedule 1-EAPR.

B. Campus Rates. Refer to Rate Schedule 1-CB.

C. Implementation of Energy Efficiency Program or Installation of New Solar/Photovoltaic Systems

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

D. Generator Standby Service Option

Generator Standby Service applies when the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

| Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| | \$6.64 | \$5.25 | \$2.65 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

General Service Rate Schedule GS

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

B. Service Voltage Definition

The following defines the three voltage classes available. The rate will be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. **Adjustment (charge per month varies)**

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \quad \times \quad [(95\% \div \text{Power Factor}) - 1] \quad \times \quad \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate per excess KVAR\$0.0109

2. **Waiver Contract (charge per month is set for the term of the waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract.

The waiver amount per month is calculated:

$$\text{Excess KVAR} \quad \times \quad \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR \$0.2886

General Service Rate Schedule GS

D. Winter (October 1 – May 31) All hours are off-peak.

E. Summer Time-of-Use Billing Periods (June 1 – September 30)

| | |
|-----------------|---|
| On-Peak | Summer weekdays between 3:00 p.m. and 6:00 p.m. |
| Off-Peak | All other hours, including holidays shown below |

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP (*Closed to new customers*)

I. Applicability

This Rate Schedule 1-GS-TDP applies to single- or three-phase service, delivered at the subtransmission voltage level. The rate charged the customer shall vary depending on the maximum forecasted temperature during the summer season (June through September). SMUD is utilizing temperature-dependent pricing as an additional rate option for economic retention.

This rate schedule was closed to new participants effective January 1, 1998.

To be eligible for this schedule, customers must have met the following requirements:

1. Certify to SMUD that serving their load has become competitive as shown through evidence of viable competitive energy sources from relocation, self-generation, cogeneration, etc.;
2. Verify that electricity costs are at least 10 percent of their variable production costs; and
3. Agree to remain a full-requirements SMUD customer for a minimum period of five years. If the customer chooses to bypass SMUD before the five year period has expired, the customer shall reimburse SMUD for all cumulative savings received under the temperature-dependent pricing rate compared to the standard rate. The customer may elect to terminate SMUD service after four years, with a one-year advance notification, without penalty.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rate

| | Voltage Level Rate Category | Subtransmission GDT_99 |
|---|--------------------------------|---------------------------|
| Winter Season – October 1 through May 31 | | |
| System Infrastructure Fixed Charge per month per meter | | \$286.00 |
| Site Infrastructure Charge (<i>\$ per 12 month max kW or contract capacity</i>) | | \$0.55 |
| Electricity Usage Charge | | |
| On-Peak Period \$/kWh | | \$0.0989 |
| Off-peak period \$/kWh | | \$0.0707 |
| Summer Season – June 1 through September 30 | | |
| System Infrastructure Fixed Charge per month per meter | | \$286.00 |
| Site Infrastructure Charge (<i>\$ per 12 month max kW or contract capacity</i>) | | \$0.55 |
| TDP Summer Super-Peak Demand Charge (\$/kW) | | |
| Per kW of maximum demand during Super-Peak Period per day if forecasted daily maximum temperature (T) for the following day is: | | |
| “Heat Storm” if T >= 100° for 2 or more consecutive days; or | | \$5.74 |
| “Extremely Hot” if T >= 100° for a single day; or | | \$5.40 |
| “Very Hot” if 100° > T > 95°; or | | \$1.00 |
| “Mild to Hot” if 95° >= T | | No Charge |
| Electricity Usage Charge | | |
| Super-Peak \$/kWh | | \$0.1345 |
| On-Peak \$/kWh | | \$0.1182 |
| Off-Peak \$/kWh | | \$0.0890 |

The TDP Summer Super Peak Maximum Demand Charge varies depending on the forecasted maximum temperature, based on a mutually agreed upon weather forecast source for the Sacramento area, for the following day.

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP (*Closed to new customers*)

Minimum Demand Charge Day

A “Minimum Demand Charge Day” may be declared on days when the forecast maximum daily temperature is greater than 95°F and less than 50 percent of SMUD’s available peaking resources are being utilized. On a “Minimum Demand Charge Day” there is no charge for super-peak TDP maximum demand.

Notification of Minimum Demand Charge Day

It is the responsibility of the customer to communicate with SMUD to determine whether the SMUD system operator has declared a “Minimum Demand Charge Day.” SMUD reserves the right to cancel a “Minimum Demand Charge Day” if necessary. Any such update will be provided to the customer no later than one hour prior to application of the TDP super-peak maximum demand charge.

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges.

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

B. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP (*Closed to new customers*)

B. Service Voltage Definition

1. Secondary Service Voltage

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. Primary Service Voltage

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. Subtransmission Service Voltage

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. Adjustment (charge per month varies)

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0109

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2886

D. Large General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 - May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 - September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP *(Closed to new customers)*

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Large General Service Time-of-Use Rate Schedule GS-TOU1

I. Applicability

This Rate Schedule 1-GS-TOU1 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer’s premises. This schedule is mandatory for all agricultural, commercial and industrial (C&I) accounts with monthly maximum demand of 1,000 kW or greater for three consecutive months during the preceding 12 months. Accounts will remain on this rate schedule unless monthly maximum demand falls below 1,000 kW for 12 consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. This schedule is also mandatory for accounts with contract capacity of 1,000 kW or greater.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

| Voltage Level Rate Category | Large C&I Secondary | Large C&I Primary | Large C&I Subtransmission |
|--|------------------------|----------------------|------------------------------|
| | GUS_L | GUP_L | GUT_L |
| Winter Season - October 1 through May 31 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$108.00 | \$108.00 | \$286.00 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$4.02 | \$3.86 | \$3.07 |
| Electricity Usage Charge | | | |
| On-Peak \$/kWh | \$0.1078 | \$0.1026 | \$0.0989 |
| Off-Peak \$/kWh | \$0.0855 | \$0.0799 | \$0.0782 |
| Summer Season - June 1 through September 30 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$108.00 | \$108.00 | \$286.00 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$4.02 | \$3.86 | \$3.07 |
| Electricity Usage Charge | | | |
| Super-Peak \$/kWh | \$0.1680 | \$0.1385 | \$0.1345 |
| On-Peak \$/kWh | \$0.1341 | \$0.1261 | \$0.1182 |
| Off-Peak \$/kWh | \$0.1073 | \$0.0979 | \$0.0965 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

- A. **Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule 1-EAPR.
- B. **Campus Billing.** Refer to Rate Schedule 1-CB.
- C. **Implementation of Energy Efficiency Program or Installation of New Solar/Photovoltaic Systems**

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

Large General Service Time-of-Use Rate Schedule GS-TOU1

D. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

| | | | |
|--|------------------|----------------|------------------------|
| Generator Standby Service Charge by Voltage Level | Secondary | Primary | Subtransmission |
| (\$/kW of Contract Capacity per month) | \$6.64 | \$5.25 | \$2.65 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

Large General Service Time-of-Use Rate Schedule GS-TOU1

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

B. Service Voltage Definition

The following defines the three voltage classes available. The rate shall be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. **Adjustment (charge per month varies)**

Accounts on a demand rate are subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0109

2. **Waiver Contract (charge per month is set for the term of the waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2886

Large General Service Time-of-Use Rate Schedule GS-TOU1

D. Large General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 -May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 -September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Billing period is less than 27 days | Relationship between the length of the billing period and 30 days. |
| Billing period is more than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Medium General Service Time-of-Use Rate Schedule GS-TOU2

I. Applicability

This Rate Schedule 1-GS-TOU2 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer’s premises. This schedule is mandatory for all agricultural, commercial and industrial (C&I) accounts with monthly maximum demand of at least 500 kW for three consecutive months, but not greater than 999 kW for three consecutive months during the preceding 12 months. Accounts will remain on this schedule unless monthly maximum demand falls below 500 kW for 12 consecutive months or exceeds 999 kW for three consecutive months. This schedule is also mandatory for accounts with contract capacity of at least 500 kW, but not greater than 999 kW. The demand for any month will be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

| Voltage Level Rate Category | Medium C&I | Medium C&I | Medium C&I |
|--|--------------------|------------------|--------------------------|
| | Secondary GUS_M | Primary GUP_M | Subtransmission GUT_M |
| Winter Season – October 1 through May 31 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$107.95 | \$107.95 | \$285.90 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$2.85 | \$2.52 | \$2.07 |
| Electricity Usage Charge | | | |
| On-Peak \$/kWh | \$0.1028 | \$0.0972 | \$0.0937 |
| Off-Peak \$/kWh | \$0.0814 | \$0.0771 | \$0.0754 |
| Summer Season – June 1 through September 30 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$107.95 | \$107.95 | \$285.90 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$2.85 | \$2.52 | \$2.07 |
| Summer Super Peak Demand Charge (\$ per monthly super-peak max kW) | \$6.98 | \$6.42 | n/a |
| Electricity Usage Charge | | | |
| Super-Peak \$/kWh | \$0.1949 | \$0.1855 | \$0.1801 |
| On-Peak \$/kWh | \$0.1342 | \$0.1294 | \$0.1212 |
| Off-Peak \$/kWh | \$0.1033 | \$0.0983 | \$0.0968 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

- A. **Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule 1-EAPR.
- B. **Campus Billing.** Refer to Rate Schedule 1-CB.
- C. **Implementation of Energy Efficiency Program or Installation of New Solar Photovoltaic Systems**

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

Medium General Service Time-of-Use Rate Schedule GS-TOU2

D. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

| Generator Standby Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|------------------|----------------|------------------------|
| | \$6.64 | \$5.25 | \$2.65 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, Summer Super Peak Infrastructure Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

G. Special Metering Charge

The customer shall pay for additional equipment and software identified by SMUD meter specialists as necessary for load data collection and upload to the customer electronic system. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

Medium General Service Time-of-Use Rate Schedule GS-TOU2

B. Service Voltage Definition

The following defines the three voltage classes available. The rate will be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. **Adjustment (charge per month varies)**

Accounts on a demand rate are subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0109

2. **Waiver Contract (charge per month is set for term of waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2886

D. Medium General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 - May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 - September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Medium General Service Time-of-Use Rate Schedule GS-TOU2

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service may be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Small General Service Time-of-Use Rate Schedule GS-TOU3

I. Applicability

This Rate Schedule 1-GS-TOU3 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule is mandatory for all commercial and industrial (C&I) accounts with monthly maximum demand of at least 300 kW for three consecutive months, but not greater than 499 kW for three consecutive months during the preceding 12 months, and for all accounts previously served at the primary level on Rate Schedule 1-GS. Accounts will remain on the GS-TOU3 rate schedule unless monthly maximum demand falls below 300 kW for 12 consecutive months or exceeds 499 kW for three consecutive months. This schedule is also mandatory for accounts with contract capacity of at least 300 kW, but not greater than 499 kW. The demand for any month shall be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

| | Voltage Level Rate Category | Small C&I Secondary GUS_S | Small C&I Primary GUP_S |
|--|--------------------------------|---------------------------------|-------------------------------|
| Winter Season - October 1 through May 31 | | | |
| System Infrastructure Fixed Charge - per month per meter | | \$107.95 | \$107.95 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | | \$3.80 | \$3.40 |
| Electricity Usage Charge | | | |
| On-Peak \$/kWh | | \$0.1043 | \$0.0985 |
| Off-Peak \$/kWh | | \$0.0828 | \$0.0783 |
| Summer Season - June 1 through September 30 | | | |
| System Infrastructure Fixed Charge - per month per meter | | \$107.95 | \$107.95 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | | \$3.80 | \$3.40 |
| Summer Super Peak Demand Charge (\$ per monthly super-peak max kW) | | \$7.65 | \$6.98 |
| Electricity Usage Charge | | | |
| Super-Peak \$/kWh | | \$0.2006 | \$0.1909 |
| On-Peak \$/kWh | | \$0.1371 | \$0.1320 |
| Off-Peak \$/kWh | | \$0.1090 | \$0.1036 |

III. Electricity Usage Surcharges

Refer the following rate schedules for details on electricity surcharges that apply to all kWh usage.

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

- A. **Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule 1-EAPR.
- B. **Campus Billing.** Refer to Rate Schedule 1-CB.
- C. **Implementation of Energy Efficiency Program or Installation of New Solar Photovoltaic Systems**

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

Small General Service Time-of-Use Rate Schedule GS-TOU3

D. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

| Generator Standby Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| | \$6.64 | \$5.25 | \$2.65 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges, Site Infrastructure Charges, Summer Super Peak Infrastructure Charges, as well as electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

G. Special Metering Charge

The customer shall pay for additional equipment and software identified by SMUD meter specialists as necessary for load data collection and upload to the customer electronic system. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

Small General Service Time-of-Use Rate Schedule GS-TOU3

B. Service Voltage Definition

The following defines the three voltage classes available. The rate will be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*
This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”
2. *Primary Service Voltage*
This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.
3. *Subtransmission Service Voltage*
This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. Adjustment (charge per month varies)

Accounts on a demand rate are subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0109

2. Waiver Contract (charge per month is set for term of waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2886

D. Small General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 -May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 -September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Small General Service Time-of-Use Rate Schedule GS-TOU3

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|--|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that falls within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service may be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Net Energy Metering Rate Schedule NEM

I. Applicability

This Rate Schedule I-NEM applies to residential, commercial/industrial, and agricultural customers who have an electrical generation facility on their premises 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).¹ 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 tariff 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 tariff if the fuel cell derives any portion of its fuel from a nonrenewable fuel.

II. Generator Standby Charges

Customers who qualify for Net Energy Metering (NEM) are exempt from generator standby charges on that portion of their load that is served by the NEM eligible facility.

III. Conditions of Service

A. Eligibility

The following are requirements for eligibility under this rate schedule:

1. The facility must be located on the customer's premises; and
2. The facility must operate in parallel with SMUD's distribution facilities; and
3. The customer must meet all requirements of Rule and Regulation 21; and
4. The facility must be intended primarily to offset part or all of the customer's own electrical requirements; and
5. The facilities and the electrical requirements are located at a single and same metering point; and
6. The generating capacity can be a maximum of 3,000 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.

¹ 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.

Net Energy Metering Rate Schedule NEM

IV. Metering

A. Residential and Small Commercial ≤ 20 kW; Agricultural Customers ≤ 30 kW

SMUD will pay for and install, at no cost to the customer, a single meter capable of registering the flow of electricity in both directions, or an equivalent means of metering.

B. Large Commercial > 20 kW; Agricultural Customers > 30 kW

SMUD will pay for and install a single meter, or an equivalent means of metering, capable of registering the flow of electricity in both directions. New net-meter customers on GS-TOU1, GS-TOU2 or GS-TOU3 will be required to pay the cost differential between standard metering and bi-directional metering.

V. Payments

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

- A. Charges for other than electricity usage must be paid monthly. This includes the System Infrastructure Fixed Charge, Maximum Demand Charge, Site Infrastructure Charge, program fees, surcharges and taxes.
- B. Residential, Small Commercial and Agricultural customers, meeting the eligibility criteria as defined in Section III (A) of this sheet, may pay monthly or annually for the net electricity consumed.
- C. For all other customers, the net balance of all moneys owed must be paid each monthly billing cycle.
- D. If, in any regular billing month, the electricity supplied by SMUD is less than the electricity supplied to SMUD by the customer's eligible generation system, the customer will receive retail-valued electricity credits for the excess electricity supplied to SMUD. The retail-valued electricity credits will carry over to the following billing period until the end of the settlement period. Retail-valued electricity credits will only be credited against electricity usage charges.

VI. Settlement Method

All customers who qualify for the net metering option will have a 12-month settlement period. For existing systems the settlement period begins on the customer's move-in date. For new installations, the settlement period begins on the first day of operations after the customer has requested to be on the NEM rate and the NEM-eligible system is approved by SMUD for grid connection. At the end of the customer's 12-month settlement period, any unused accumulated monthly retail electricity credits may be zeroed out.

A. Annual Net Surplus Generation

1. At the end of a customer's 12-month settlement period, SMUD shall calculate the amount of net surplus generation over the 12-month period. If the customer has net surplus generation, SMUD will, at the customer's election, either:
 - Provide a monetary payment to the customer for the net surplus; or
 - Roll over the net annual surplus kWh into the next 12-month period.

Monetary value per kWh of net surplus generation shall be based on the most recently published SMUD budget, calculated as the dollar value of the expected avoided generation and production-related costs divided by the forecasted annual energy sales.

2. For each kWh purchased by SMUD under this annual net surplus generation method, the ownership of the associated renewable electricity credit will transfer from the customer to SMUD.
3. The net surplus monetary value shall be calculated annually.
4. This net surplus monetary value will remain in effect for the duration of the fiscal year used for the calculation of the customer's net surplus generation.

Net Energy Metering Rate Schedule NEM

5. The value will be published on SMUD's website, www.smud.org, by December 20 prior to the year the value is in effect.

B. Opt-Out of Annual Net Surplus Generation

Customers may elect to opt out of receiving compensation or kWh roll-over credit for their net surplus generation over their 12-month settlement period. Customers who elect to opt out will not receive any form of compensation nor credit for net surplus generation delivered to SMUD. Such customers will be allowed to retain any associated renewable electricity credits produced by their net surplus generation.

VII. Successor NEM Program Rate

Residential customers who have an eligible renewable electrical generation facility on their premises that was approved by SMUD for installation on or after January 1, 2018 will be placed on the applicable standard R-TOD (Time of Day) Rate. All other components above of this NEM Rate Schedule apply to the successor NEM program rate.

All NEM residential, commercial/industrial, and agricultural customers who have an eligible renewable electrical generation facility on their premises that was approved by SMUD for installation on or after January 1, 2018 will be subject to any future NEM rates approved by the SMUD Board of Directors.

(End)

Outdoor Night Lighting Service Rate Schedule NLGT

I. Applicability

This Rate Schedule 1-NLGT applies to SMUD-owned and maintained outdoor overhead lighting service where Street Lighting Service Rate Schedule SLS does not apply. Service furnished under this schedule may be discontinued at any location where SMUD's overhead distribution facilities are relocated or converted to underground distribution facilities.

Lamps shall be supported on SMUD-owned poles that are used to carry distribution system circuits used for other SMUD purposes, and shall be at locations approved by SMUD.

II. Rate

Electricity and Switching Charge (\$ per watt of connected load)..... \$0.0264

There will be a separate monthly charge for installation and maintenance of each fixture (including lamps, refractors, ballasts, photocells and other typical support equipment). These charges are based upon the installation of street lighting fixtures of a design specified by SMUD and mounted by means of varying length brackets affixed to existing wood poles that are used to carry distribution system circuits.

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity surcharges that apply to all kWh usage.

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Lamp Servicing and Relocations

- A. Upon receipt of notice from the customer that light fails to operate as scheduled, SMUD will, within a reasonable period of time, make the necessary repairs.
- B. SMUD will, at the customer's request, relocate existing outdoor lighting service equipment, provided the customer reimburses SMUD for the relocation cost.

V. Conditions of Service

- A. Service shall be alternating current at a frequency of approximately 60 hertz, single phase.
- B. Where new facilities are required in order to provide service for an applicant under this rate, SMUD may require a contract for service for a period not to exceed three years.
- C. Information on equipment that qualifies for this rate schedule and the associated monthly charge is available on the SMUD website, www.smud.org, or will be furnished upon request. SMUD will review this information at least annually and update as appropriate. SMUD retains the right to modify the listing of approved fixtures and lamps to accommodate changing technology or other business needs criteria.

VI. Billing

A. Connected Load

The manufacturer's rating in watts (including all auxiliary equipment) will be used as connected load.

Outdoor Night Lighting Service Rate Schedule NLGT

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

(End)

Residential Service Rate Schedule R

I. Applicability

This Rate Schedule 1-R applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes; and
3. Master-metered service to a qualifying multifamily accommodation or mobile home park that is submetered to all single-family units or individual mobile homes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Legacy Rate (rate categories RSCH, RWCH, RSEH, RWEH, RSGH and RWGH) Closed

1. Effective October 1, 2018, the Legacy Rate is closed for enrollment to all residential customers who do not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018.
2. The Legacy rate will no longer be an available rate option to residential customers once a customer has been transitioned to the TOD (5-8 p.m. Peak) Rate. Eligible customers can elect the Fixed Rate under Rate Schedule R as an alternative rate.
3. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018, and are enrolled on the Legacy rate may remain on this closed rate until December 31, 2022. If an eligible generation facility customer in this rate category elects an open rate, the customer cannot return to the Legacy Rate.
4. Customers in the Legacy Rate who do not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM, will gradually transition as determined by SMUD to the TOD (5-8 p.m. Peak) Rate (rate category RT02) under Rate Schedule R-TOD, if eligible, as early as September 1, 2018, and no later than December 31, 2019.
5. All other existing customers not eligible for Rate Schedule R-TOD will transition to the alternative Fixed Rate under this Rate Schedule R as determined by SMUD no later than December 31, 2019.
6. Customers with wells will begin transitioning to Rate Schedule R-TOD in January 2019.

B. Fixed Rate (rate category RF01)

1. Effective September 1, 2018, the Fixed Rate is available as the alternative rate to the TOD (5-8 p.m. Peak) Rate (rate category RT02) under Rate Schedule R-TOD.
2. The Fixed Rate is required for customers serviced with analog meters and digital non-communicating meters. These customers will transition to the Fixed Rate as determined by SMUD no later than December 31, 2019.
3. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD after December 31, 2017 are not eligible to enroll in the Fixed Rate.

II. Firm Service Rates

A. Legacy Rate Customers (rate categories RSCH, RWCH, RSEH, RWEH, RSGH, RWGH) Closed

Winter Season* – October 1 through May 31

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1145

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Resolution No. _____ adopted June 15, 2017

Sheet No. 1-R-1

Effective: **January 1, 2018**

Edition: **January 1, 2018**

Residential Service Rate Schedule R

Summer Season – June 1 through September 30

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1310

* All seasons with the exclusion of summer (June 1 – September 30), include the following residential Smart Pricing Pilot rate categories: RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, and RWGH_SP. Winter Season includes Fall (Oct 1 – Nov 30) and Spring (Apr 1 – May 31) periods for Electric Heat rate customers (RSCH, RWCH, RSEH, RWEH).

B. Fixed Rate Customers (rate categories RF01)

Non-Summer Season* – October 1 through May 31

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1032

Summer Season – June 1 through September 30

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1649

* Non-Summer Season includes Fall (Oct 1 – Nov 30), Winter (Dec 1 – Mar 31) and Spring (Apr 1 – May 31) periods.

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

IV. Rate Option Menu

- A. **Energy Assistance Program.** Refer to Rate Schedule 1–EAPR.
- B. **Medical Equipment Discount Program.** Refer to Rate Schedule 1–MED.
- C. **Joint Participation in Medical Equipment Discount and Energy Assistance Programs.** Refer to Rate Schedule 1–MED.
- D. **Time-of-Day Rate.** Refer to Rate Schedule 1- R-TOD.
- E. **Generator Standby Service Option**

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating of less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and

Residential Service Rate Schedule R

- 5. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Generator Standby Charge January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.67

In addition to the Generator Standby Charge, SMUD will continue to bill for all applicable charges under this rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power.

The Generator Standby Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

F. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

G. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-------------------------------------|--------|
| Greenergy Partner Plus – 100% | \$6.00 |
| Greenergy Partner Plus – 50% | \$3.00 |

H. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

I. Plug-In Electric Vehicle (PEV) Option. Refer to Rate Schedule 1-R-TOD.

J. Residential Three-Phase Service Option

This option is open to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month.....\$43.60

Residential Service Rate Schedule R

V. Conditions of Service

A. Master-Metered Multifamily Accommodation and Mobile Home Park Billing (Rate Category RSMM)

This rate is closed to new customers unless SMUD determines that it is not reasonable or feasible to provide service and meter the individual units directly.

The master-metered customer's electricity consumption will be billed using the total kWh usage of the master-meter divided by the number of occupied single-family accommodations. The billing calculation will include applicable discounts to all kWh Usage Charges and System Infrastructure Fixed Charge for qualifying energy assistance and medical equipment discount program participants. The customer must advise SMUD within 15 days following any change in the number of occupied single-family accommodations wired for electric service.

VI. Billing

KWh usage may be prorated for nonstandard billing periods, when billing period spans a price change, and/ or when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

| Billing Circumstance | Basis for Proration |
|--|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Seasons overlap and price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective season or pricing periods. |

(End)

Residential SmartPricing Options Pilot Rate Schedule R-SPO (Closed to new premises)

I. Applicability

This Rate Schedule 1-R-SPO applies to single and three-phase service for residential premises, and is only available to current and deferred participants of the SmartPricing Options Pilot Program. It applies solely during the summer season. Participants are billed on their otherwise applicable rates during the remaining months of the year.

A. Summer Weekday Value Plan (Summer Season Only)

1. Effective September 1, 2018, the Time-of-Day (TOD) (5-8 p.m. Peak) Rate replaces the Residential SmartPricing Options Pilot Program pricing plans RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_S. Existing customers on these pricing plans will transition as determined by SMUD to TOD (5-8 p.m. Peak) Rate as early as the first full billing cycle in September 2018, and complete transition no later than January 31, 2019. Once all customers are transitioned, this pilot rate will be terminated.
2. After being transitioned to the TOD (5-8 p.m. Peak) Rate, the former SmartPricing Options Pilot Program customers on the Summer Weekday Value Plan may elect the Fixed Rate under Rate Schedule R as an alternative rate, if eligible.
3. The RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_S pricing plans will no longer be available rate options to the former SmartPricing Options Pilot Program residential customers once a customer has been transitioned to or enrolled in the TOD (5-8 p.m.) Rate or the Fixed Rate.

B. Off-Peak Discount Plan (Summer Season Only)

1. Effective September 1, 2018, the TOD (5-8 p.m. Peak) Rate replaces the Residential SmartPricing Options Pilot Program pricing plans RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_S. Existing customers on these pricing plans will transition as determined by SMUD to TOD (5-8 p.m. Peak) Rate as early as the first full billing cycle in September 2018, and complete transition no later than January 31, 2019. Once all customers are transitioned, this pilot rate will be terminated.
2. After being transitioned to the TOD (5-8 p.m. Peak) Rate, the former SmartPricing Options Pilot Program customers on the Off-Peak Discount Plan may elect the Fixed Rate under Rate Schedule R as an alternative rate, if eligible.
3. The RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_S pricing plans will no longer be available rate options to the former SmartPricing Options Pilot Program residential customers once a customer has been transitioned to or enrolled in the TOD (5-8 p.m.) Rate or the Fixed Rate.

C. Optimum Off-Peak Plan (Summer Season Only)

1. Effective September 1, 2018, the TOD (5-8 p.m. Peak) Rate replaces the Residential SmartPricing Options Pilot Program pricing plans RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_S. Existing customers on these pricing plans will transition as determined by SMUD to TOD (5-8 p.m. Peak) Rate as early as the first full billing cycle in September 2018, and complete transition no later than January 31, 2019. Once all customers are transitioned, this pilot rate will be terminated.
2. After being transitioned to the TOD (5-8 p.m. Peak) Rate, the former SmartPricing Options Pilot Program customers on the Optimum Off-Peak Plan may elect the Fixed Rate under Rate Schedule R as an alternative rate, if eligible.
3. The RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_S pricing plans will no longer be available rate options to the former SmartPricing Options Pilot Program residential customers once a customer has been transitioned to or enrolled in the TOD (5-8 p.m.) Rate or the Fixed Rate.

Residential SmartPricing Options Pilot Rate Schedule R-SPO (Closed to new premises)

II. Firm Service Rates

(Rate categories RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_SP)

A. Summer Weekday Value Plan (Summer Season Only)

| | |
|---|----------|
| System Infrastructure Fixed Charge per month..... | \$20.30 |
| On-Peak \$/kWh..... | \$0.3208 |
| All Off-Peak kWh Usage \$/kWh | \$0.1003 |

B. Off-Peak Discount Plan (Summer Season Only)

| | |
|---|----------|
| System Infrastructure Fixed Charge per month..... | \$20.30 |
| On-Peak Conservation Day \$/kWh..... | n/a |
| All Off-Peak kWh Usage \$/kWh | \$0.1310 |

C. Optimum Off-Peak Plan (Summer Season Only)

| | |
|---|----------|
| System Infrastructure Fixed Charge per month..... | \$20.30 |
| On-Peak Conservation Day \$/kWh..... | n/a |
| On-Peak \$/kWh..... | \$0.3208 |
| All Off-Peak kWh Usage \$/kWh | \$0.1003 |

III. Base Usage Quantities

SmartPricing Options Off-Peak Base Usage (June 1 – September 30 Summer Only)

| | |
|--------------------------|---------------|
| All SmartPricing Options | All kWh Usage |
|--------------------------|---------------|

IV. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program Rate.** The Energy Assistance Program Rate discount is available to eligible customers who meet the specific eligibility requirements prescribed in Rate Schedule 1-EAPR.
- B. **Medical Equipment Discount Program.** The Medical Equipment Discount is not available on the residential SmartPricing Options Pilot Program rates.
- C. **Generator Standby Service Option**
Generator Standby Service applies when all of the following conditions are met:
 1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
 2. The generator(s) are not fueled by a renewable resource; and
 3. The generator(s) have a combined nameplate rating less than 100 kW; and
 4. The generator(s) are connected to SMUD’s electrical system; and
 5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Residential SmartPricing Options Pilot Rate Schedule R-SPO (Closed to new premises)

Generator Standby Service – January 1 through December 31
 \$/kW of Contract Capacity per month\$6.67

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected Residential SmartPricing Options Pilot Program rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable Residential SmartPricing Options Time-of-Use Rates.

E. Net Energy Metering Option. The rate Schedule 1-NEM is not available on the residential SmartPricing Options Pilot Program rates.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

- Greenergy Partner Plus – 100%\$6.00
- Greenergy Partner Plus – 50%\$3.00

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

H. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31
 Special Facilities fee per month\$43.60

Residential SmartPricing Options Pilot Rate Schedule R-SPO (Closed to new premises)

VI. Conditions of Service

A. Billing Periods (June 1 – September 30 Summer Only)

| | |
|----------------------------------|---|
| On-Peak Hours | Summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays. |
| On-Peak Conservation Days | Up to twelve summer weekdays between 4 p.m. and 7 p.m., excluding the July 4 and Labor Day holidays. Conservation Days are announced by SMUD a day in advance. However, if customers have technology designed to automatically adjust for Conservation Days, announcements may occur the same day as the event. |

B. Billing Holidays

Off-Peak pricing in the Time-Based Pricing plans shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|------------------|--------------|--------------|
| Independence Day | July | 4 |
| Labor Day | September | First Monday |

VII. Billing Proration of Charges

A. Proration of Charges

KWh may be prorated for nonstandard billing periods, when billing spans a price change, and/or when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

| Billing Circumstance | Basis for Proration |
|--|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Seasons overlap and price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective season or pricing periods. |

(End)

Residential Time-of-Day Service Rate Schedule R-TOD

I. Applicability

This Rate Schedule 1-R-TOD applies to single- and three-phase service for the following types of residential premises:

1. Individual or dual metered residences with digital communicating meter installed, including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes.

Master-metered service to a qualifying multifamily accommodation or mobile home parks are not eligible for Time-of-Day rates under rate schedule R-TOD.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Time-of-Day (5-8 p.m. Peak) Rate (rate category RT02)

1. Effective January 1, 2018, the Time-of-Day (TOD) (5-8 p.m. Peak) Rate is the standard rate for customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD after December 31, 2017. Customers who move-in or transfer service to a premises with an eligible renewable electrical generation facility after December 31, 2017 must be on the TOD (5-8 p.m. Peak) Rate.
2. Effective January 1, 2018, the TOD (5-8 p.m. Peak) Rate is available to any new or existing residential customer with an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018. However, once enrolled in the TOD (5-8 p.m. Peak) Rate, the customer cannot return to the TOD (4-7 p.m. Peak) or Legacy Rate.
3. Effective January 1, 2018, the TOD (5-8 p.m. Peak) Rate is available to any new or existing residential customer who has a plug-in electric vehicle (PEV).
4. Effective January 1, 2018, the TOD (5-8 p.m. Peak) Rate replaces the Residential Plug-in Electric Vehicle Pilot Program pricing plans RPEV_1 and RPEV_2. Existing customers on pricing plans RPEV_1 and RPEV_2 will transition as determined by SMUD to TOD (5-8 p.m. Peak) Rate beginning the first full bill cycle in January 2018. Separate electric vehicle charging meters will be removed and all residential usage will be recorded on the residence billing meter.
5. The former RPEV_1 and RPEV_2 customers may elect not to be transitioned to the TOD (5-8 p.m. Peak) Rate, and be placed on the open standard Legacy Rate under Rate Schedule R. Once the Legacy Rate is closed for enrollment, the former RPEV_1 and RPEV_2 customers may elect the Fixed Rate under Rate Schedule R as an alternative.
6. As early as September 1, 2018, the TOD (5-8 p.m. Peak) Rate will replace the Residential SmartPricing Options Pilot Rate under Rate Schedule R-SPO for rate categories RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, and RWGH_SP. Existing customers on these rate categories will begin to transition as determined by SMUD to the TOD (5-8 p.m. Peak) Rate beginning the first full billing cycle in September 2018, and complete the transition no later than January 31, 2019.
7. As early as September 1, 2018, existing eligible customers in the Legacy Rate, with rate categories RSCH, RWCH, RSEH, RWEH, RSGH and RWGH under Rate Schedule R, will gradually transition as determined by SMUD to the TOD (5-8 p.m. Peak) Rate beginning the first full billing cycle in September 2018, and complete the transition no later than December 31, 2019.
8. After being transitioned to the TOD (5-8 p.m. Peak) Rate, eligible customers can elect the Fixed Rate under Rate Schedule R as an alternative rate.
9. Effective October 1, 2018, the TOD (5-8 p.m. Peak) Rate is the standard rate for all new SMUD customers opening a new account via a move-in or transfer of service to a new premises. New move-in and transfer customers may elect the Fixed Rate under Rate Schedule R as an alternative, if eligible.

Residential Time-of-Day Service Rate Schedule R-TOD

10. This rate has five kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown below. Holidays are detailed in Section V. Conditions of Service.

| | | |
|--|-----------------|---|
| Summer (Jun 1 - Sept 30) | Peak | Weekdays between 5:00 p.m. and 8:00 p.m. |
| | Mid-Peak | Weekdays between noon and midnight except during the Peak hours. |
| | Off-Peak | All other hours, including weekends and the holidays ¹ . |
| Non-Summer (Oct 1 - May 31) | Peak | Weekdays between 5:00 p.m. and 8:00 p.m. |
| | Off-Peak | All other hours, including weekends and holidays ¹ . |

¹ See Section V. Conditions of Service

B. Time-of-Day (4-7 p.m. Peak) Rate (rate category RT01) Closed

- Effective January 1, 2018, the TOD (4-7 p.m. Peak) Rate is closed for enrollment to residential customers who did not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018.
- Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018, and are enrolled on the TOD (4-7 p.m. Peak) Rate may remain on this closed rate until December 31, 2022.
- The TOD (4-7 p.m. Peak) Rate will terminate for customers with an eligible renewable electrical generation facility under Rate Schedule 1-NEM on their first full billing cycle that closes in 2023, and customers will then transition to SMUD's residential standard rate.
- If a customer who has an eligible renewable electrical generation facility under Rate Schedule 1-NEM on this rate category elects an open rate, the customer cannot return to the TOD (4-7 p.m. Peak) Rate.
- Existing customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018 may enroll in the TOD (5-8 p.m. Peak) Rate at any time; however, once enrolled in the TOD (5-8 p.m. Peak) Rate, the customer cannot return to the TOD (4-7 p.m. Peak) Rate.
- Existing customers on the TOD (4-7 p.m. Peak) Rate who do not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM will transition as determined by SMUD to the TOD (5-8 p.m. Peak) Rate no later than December 31, 2019 and will no longer be eligible for the TOD (4-7 p.m. Peak) Rate.
- This rate has three kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown below. Holidays are detailed in Section V. Conditions of Service.

| | | |
|--|--------------------------|---|
| Jun 1 - Sep 30 | Summer Super Peak | Weekdays between 4:00 p.m. and 7:00 p.m. |
| Year-round (Jan 1 - Dec 31) | Peak | Weekdays between 9:00 a.m. and 9:00 p.m. except during the Summer Super Peak hours. |
| | Off-Peak | All other hours, including weekends and the holidays ¹ . |

¹ See Section V. Conditions of Service

Residential Time-of-Day Service Rate Schedule R-TOD

II. Firm Service Rates

| | |
|--|---------------------------|
| A. Time-of-Day (5-8 p.m. Peak) Rate | Rate Category RT02 |
| System Infrastructure Fixed Charge per month | \$20.30 |
| Non-Summer Prices* – October 1 through May 31 | |
| Electricity Usage Charge | |
| Peak \$/kWh | \$0.1338 |
| Off-Peak \$/kWh | \$0.0969 |
| Summer Prices - June 1 through September 30 | |
| Electricity Usage Charge | |
| Peak \$/kWh | \$0.2835 |
| Mid-Peak \$/kWh | \$0.1611 |
| Off-Peak \$/kWh | \$0.1166 |

* Non-Summer Season includes Fall (Oct 1 – Nov 30), Winter (Dec 1 – Mar 31) and Spring (Apr 1 – May 31) periods.

| | |
|--|---------------------------|
| B. Time-of-Day (4-7 p.m. Peak) Rate | Rate Category RT01 |
| System Infrastructure Fixed Charge per month | \$20.30 |
| Winter Prices – October 1 through May 31 | |
| Electricity Usage Charge | |
| Peak \$/kWh | \$0.1481 |
| Off-Peak \$/kWh | \$0.0853 |
| Summer Prices - June 1 through September 30 | |
| Electricity Usage Charge | |
| Summer Super Peak \$/kWh | \$0.3704 |
| Peak \$/kWh | \$0.1481 |
| Off-Peak \$/kWh | \$0.0853 |

| | |
|--|---------------|
| C. Plug-In Electric Vehicle Credit (rate categories RT02 and RT01) | |
| This credit is for residential customers who have a licensed passenger battery electric plug-in or plug-in hybrid electric vehicles. | |
| Credit applies to all electricity usage charges from midnight to 6:00 a.m. daily | |
| Electric Vehicle Credit..... | -\$0.0150/kWh |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

IV. Rate Option Menu

- A. **Energy Assistance Program.** Refer to Rate Schedule 1-EAPR.
- B. **Medical Equipment Discount Program.** Refer to Rate Schedule 1-MED.
- C. **Joint Participation in Medical Equipment Discount and Energy Assistance Program.** Refer to Rate Schedule 1-MED.

Residential Time-of-Day Service Rate Schedule R-TOD

D. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Generator Standby Service – January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.67

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected residential TOD rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable residential TOD rates.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1–NEM.

D. Net Energy Metering Option. Refer to Rate Schedule 1-NEM for further details.

E. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

- Greenergy Partner Plus – 100%\$6.00
- Greenergy Partner Plus – 50%\$3.00

F. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

Residential Time-of-Day Service Rate Schedule R-TOD

G. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month\$43.60

V. Conditions of Service

A. Time-of-Day Billing Periods

Off-Peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year’s Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln’s Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Proration of Charges

The electricity usage charge and the monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

(End)

Street Lighting Service Rate Schedule SLS

I. Applicability

This Rate Schedule 1-SLS applies to outdoor lighting service facilities for:

1. Streets; and
2. Highways, and bridges; and
3. Public parks; and
4. Elementary schools, secondary schools, and colleges.

This schedule covers the following service categories:

- **Customer-owned and maintained — Rate Category SL_COM**
- **Customer-owned and maintained, metered — Rate Category SL_COM_M**
- **Customer-owned, SMUD-maintained — Rate Category SL_CODM**
- **SMUD (District)-owned and maintained — Rate Categories SL_DOM and SL_DOM_M**

For the purposes of the following prices a "month" is considered to be a single billing of 27 to 34 days.

II. Customer-owned and maintained — Rate Category SL_COM

Where the customer owns and maintains the street lighting equipment, SMUD will furnish electricity and switching. This rate is available to customers that are not eligible for the default SL_COM_M metered rate or as determined by SMUD. Effective first full billing cycle of 2018, the charge will be as follows:

Electricity and Switching Charge (\$ per watt of connected load) \$0.0264

III. Customer-owned and maintained, metered — Rate Category SL_COM_M

Eligible street lighting customers requesting new installations of lamps or additions of new lamps to existing accounts will default to the metered SL_COM_M rate. Eligible street lighting customers will be served under the default rate or as determined by SMUD.

Where the customer owns and maintains street lighting equipment, that is controlled to **operate solely during dusk to dawn hours**, SMUD will furnish electricity, the meter, and switching. The charges will be as follows:

System Infrastructure Fixed Charge per month \$9.15

Electricity Usage Charge (\$ per kWh) - all kWh \$0.0791

IV. Customer-owned, SMUD (District)-maintained — Rate Category SL_CODM (Closed to new customers and installations)

This rate is closed to new customers and installations effective January 23, 2014. Where the customer owns the street lighting equipment and SMUD supplies electricity, switching and, lamp servicing and maintenance, such service will be rendered for lamps and fixtures of sizes and types as SMUD has approved. Effective first full billing cycle of 2018, the charge will be as follows:

Electricity and Switching Charge (\$ per watt of connected load) \$0.0264

There is a separate monthly charge for maintaining each fixture and/or lamp. SMUD maintains a list of acceptable lamps and fixture types with standard ratings and the corresponding monthly maintenance charge.

This service is restricted to SMUD-approved locations.

Street Lighting Service Rate Schedule SLS

V. SMUD (District)-owned and maintained — Rate Categories SL_DOM and SL_DOM_M

Where the customer requests that SMUD install, operate, and maintain the entire street lighting system, such service will be provided with fixtures and lamps of sizes and types as approved by SMUD. This rate is restricted to streets that are defined as right-of-way held in public trust, and maintained by the applicable governmental jurisdiction. At SMUD’s sole discretion, streets not readily accessible to the general public will be served under the customer owned and maintained rates only.

Eligible street lighting customers requesting new installations of lamps or addition of new lamps to existing accounts will default to the metered SL_DOM_M rate unless otherwise determined by SMUD. Street lighting customers who are determined by SMUD not eligible for the default SL_DOM_M metered rate will be served under the SL_DOM rate.

There will be a separate monthly charge for installation and maintenance of each fixture (including lamps, refractors, ballasts, photo cells and other typical support equipment). These charges are based on the installation of street lighting fixtures of a design specified by SMUD and mounted by means of varying length brackets affixed to poles that are used to carry distribution system circuits.

When additional or alternative facilities are installed at the customer’s request, monthly charges will be assessed according to SMUD’s published charge schedule.

The SL_DOM rate will be available only to new customers and installations that are not eligible for the SL_DOM_M metered rate.

A. Pricing

Rate Category SL_DOM, unmetered

Electricity and Switching Charge (\$ per watt of connected load) \$0.0264

Rate Category SL_DOM_M, metered

System Infrastructure Fixed Charge per month or portion thereof..... \$9.15

Electricity Usage (\$ per kWh) - all kWh..... \$0.0791

B. Relocations and Changes

At the customer’s request, SMUD may, at its sole discretion, relocate existing equipment provided the customer reimburses net expense to SMUD incurred in connection therewith, including appropriate engineering and general expense.

At the customer’s request, SMUD may, at its sole discretion, replace existing equipment with new equipment prior to expiration of the existing equipment’s service life, provided the customer pays to SMUD an amount equal to the unrecovered cost, less salvage value, of the existing equipment to be retired and executes a fifteen-year contract for service effective with installation of the new equipment.

C. New Service

New service will require an initial contract term of 15 years effective with installation of the service. If service is terminated before the contract term, the customer will be responsible for an amount equal to the unrecovered cost, less salvage value, of the equipment installed.

Street Lighting Service Rate Schedule SLS

VI. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

VII. Conditions of Service

- A. Service will be alternating current at a frequency of approximately 60 hertz, single phase, at voltages specified by SMUD. Lamps shall be controlled to operate from dusk to dawn each night so as to give approximately 4,000 hours of lighting service annually.
- B. When a customer requests that SMUD finance as well as install customer-owned street lighting equipment, provisions of Rule and Regulation 2 apply.
- C. Information on equipment that qualifies for rates on this schedule and the associated monthly charges is available, on SMUD’s website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.
- D. SMUD will furnish a meter to provide service under the metered rate categories.

VIII. Billing

- A. The manufacturer’s rating in watts (including all auxiliary equipment) will be used as connected load.

B. Proration of Charges (SL_DOM, SL_COM, and SL_CODM)

Billing periods for nonstandard lengths will be billed as follows:

1. Service connected for 15 or more days during a billing period will be billed for a full month’s service.
2. Service connected for 1-14 days during a billing period will not be billed for such partial month’s service.
3. Service discontinued for 15 or more days during a billing period will not be billed for such partial month’s service.
4. Service discontinued for 1-14 days during a billing period will be billed for a full month’s service.

C. Proration of Charges (SL_DOM_M and SL_COM_M)

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

(End)

Traffic Control Intersection Lighting Service Rate Schedule TC ILS

I. Applicability

This Rate Schedule 1-TC ILS applies to electric service for pedestrian and vehicular traffic signal units, together with related control devices and associated intersection lighting where the mounting, standards, control supports, signal equipment, and luminaires are owned and maintained by the customer.

For the purposes of the following prices a "month" is considered to be a single billing period of 27 to 34 days.

II. Rate (Rate Category TS_F, TS)

System Infrastructure Fixed Charge

For metering point per month or portion thereof..... \$5.45
Plus

Electricity Usage Charge

\$/ kWh \$0.0993

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity surcharges that apply to all kWh usage.

A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.

B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Conditions of Service

1. Service shall be alternating current, at a frequency of approximately 60 hertz, single phase, at secondary voltages specified by SMUD, and at service points mutually agreed upon between the customer and SMUD.
2. Lamps for intersection lighting shall be controlled to operate from dusk to dawn each night so as to give approximately 4,000 hours of lighting service annually.
3. Where the monthly consumption of electricity is consistently small or can be predetermined with reasonable accuracy by reference to the capacity of equipment served and the hours of operation, SMUD may, with customer's consent, calculate electricity consumed in lieu of providing metering equipment (TS_F).

V. Billing

For billing periods of less than 27 days or more than 34 days, System Infrastructure Fixed Charges will be prorated on the basis of the relationship between the length of the billing period and 30 days. No proration will be made on first-time billing when the total period of service is less than 30 days.

(End)

Traffic Signal Service Rate Schedule TSS (*Closed to new customers*)

I. Applicability

This Rate Schedule 1-TSS applies to electric service for pedestrian and vehicular traffic signal units, together with related control devices where the mounting standards, control supports, and signal equipment are owned and maintained by the customer.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Rate (Rate Category SL_TSF)

Monthly Charges

For units not larger than 70 watts of connected load and not exceeding three lamps per unit,
the monthly charge **per unit** per month \$3.95

For units larger than 70 watts of connected load and not exceeding three lamps per unit,
the monthly charge **per lamp per watt** \$0.0276

The total charge per month being not less than \$3.95

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity surcharges that apply to all kWh usage.

A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.

B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Conditions of Service

1. Service shall be alternating current, at a frequency of approximately 60 hertz, single phase, at secondary voltages specified by SMUD.
2. No additional service will be provided by SMUD under Rate Schedule TSS. Upon notification by SMUD and installation of metering facilities, individual accounts will be transferred from Rate Schedule TSS to Rate Schedule TC ILS.

V. Billing

A. Connected Load

“Connected load” as used in this rate schedule shall be the sum of the capacities of all of the customer’s equipment that may be operated from SMUD’s lines at the same time.

B. Billing Periods of Nonstandard Length

Billing periods of nonstandard length will be billed as follows:

1. Service connected for 15 or more days during a billing period will be billed for a full month’s service.
2. Service connected for 1-14 days during a billing period will not be billed for such partial month’s service.
3. Service discontinued for 15 or more days during a billing period will not be billed for such partial month’s service.
4. Service discontinued for 1-14 days during a billing period will be billed for a full month’s service.

(End)

2019 Rates, Rules and Regulations

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The following listed sheets contain all effective rates, rules and regulations affecting rates and service, and information relating thereto, in effect on and after the date indicated. All rates are applicable to the territory served by SMUD.

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Preliminary Statement

Territory Served by SMUD

SMUD supplies electric service in most of Sacramento County and in a portion of Placer County.

Description of Service

A description of service available is contained in SMUD's Rule and Regulation 2.

The service available at any particular location should be ascertained by inquiry at SMUD's Customer Services Department office at 6301 S Street, Sacramento.

Procedure to Obtain Service

Any person or corporation whose premises are within the outer boundaries of SMUD may obtain service by applying for service at the Customer Services Department office establishing credit as hereinafter set forth and complying with SMUD's rules and regulations. Where an extension of SMUD's lines is necessary or whenever unusual service requirements are determined, applicant will be informed as to the conditions under which service will be supplied.

Establishment of Credit and Deposits

After making proper application for electric service, it will be necessary for applicant to establish his credit in accordance with Rule and Regulation 6.

General

1. MEASUREMENT OF ELECTRIC ENERGY

All electric energy supplied by SMUD to its customers shall be measured by means of suitable standard electric meters, except as otherwise specifically provided in SMUD's Rules and Regulations.

2. DISCOUNTS

All rates hereinafter listed are net rates and are not subject to discount unless specifically stated in the Rates.

Agricultural Service Rate Schedule AG

I. Applicability

This Rate Schedule I-AG applies to single- or three-phase nonresidential agricultural service, delivered at standard voltages designated by SMUD as available at the customer's premises. The electricity must be for pumping loads where a preponderance of the load is devoted to agricultural purposes such as farm lighting, feed choppers, milking machines, heating for incubators, brooders, and other farm uses; drainage pumping loads where a preponderance of the area drained is agricultural; and irrigation pumping loads for nonagricultural purposes where the entire loads, except for minor incidental uses, are devoted to such pumping.

This schedule is mandatory for agricultural accounts with monthly maximum demand that does not exceed 499 kW for three or more consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rate

A. Small Agricultural Service, Nondemand Rates – ASN

This rate applies to agricultural accounts having a monthly maximum demand of 30 kW or less. If the account does not have a meter that registers demand, and monthly usage is at least 12,000 kWh for three consecutive months, a demand meter will be installed. Whenever monthly maximum demand exceeds 30 kW for three consecutive months, the customer will be billed on the applicable demand rate. To return to the nondemand rate, the account's monthly maximum demand must fall below 31 kW and usage must be below 12,000 kWh for 12 consecutive months.

| Season | (Nov 1 - Apr 30) | (May 1 - Oct 31) |
|--|------------------|------------------|
| | Winter | Summer |
| System Infrastructure Fixed Charge - per month per meter | \$11.10 | \$11.10 |
| Electricity Usage Charge \$/kWh for all kWh | \$0.1233 | \$0.1352 |

B. Large Agricultural Service, Demand Rates – ASD

This rate applies to agricultural accounts having a monthly maximum demand greater than 30 kW but less than 499 kW for three consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. The customer will be billed on the demand-metered rate until the demand falls below 31 kW and energy is less than 12,000 kWh for 12 consecutive months before being returned to the ASN Rate.

| Season | Winter | Summer |
|---|-----------|-----------|
| System Infrastructure Fixed Charge - per month per meter | \$25.80 | \$25.80 |
| Site Infrastructure Charge (<i>\$ per 12-month max kW or contract capacity</i>) | | |
| First 30 kW | No Charge | No Charge |
| Additional kW per month | \$2.55 | \$2.55 |
| Electricity Usage Charge \$/kWh | | |
| Base Usage – 8,750 kWh per month | \$0.1366 | \$0.1309 |
| Base Usage Plus – kWh over 8,750 per month | \$0.1072 | \$0.0947 |

C. Small Agricultural Optional Time-of-Use – AON

This optional rate is for small agricultural accounts having a monthly maximum demand of 30 kW or less. Customers transferring to the small agricultural Time-of-Use Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

Agricultural Service Rate Schedule AG

| Season | Winter | Summer |
|---|----------|----------|
| System Infrastructure Fixed Charge - per month – per meter | \$14.90 | \$14.90 |
| Electricity Usage Charge \$/kWh | | |
| On-Peak period | \$0.1419 | \$0.2057 |
| Off-Peak period | \$0.1209 | \$0.1105 |

D. Large Agricultural Optional Time-of-Use – AOD

This optional rate is for large agricultural accounts with demand greater than 30 kW and less than 499 kW. Customers transferring to the agricultural Time-of-Use Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

| Season | Winter | Summer |
|---|----------|----------|
| System Infrastructure Fixed Charge per month – per meter | \$89.75 | \$89.75 |
| Maximum Demand Charge \$/ kW | \$2.54 | \$3.55 |
| Electricity Usage Charge \$/kWh | | |
| On-Peak period | \$0.1412 | \$0.2186 |
| Off-Peak period | \$0.1199 | \$0.1165 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

| Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|------------------|----------------|------------------------|
| | \$6.71 | \$5.30 | \$2.68 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

B. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

Agricultural Service Rate Schedule AG

C. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

D. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD's website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

B. Service Voltage Definition

The following defines the three voltage classes available. The rate shall be determined by the voltage level at which service is taken according to the following:

1. Secondary Service Voltage

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as "Primary" or "Subtransmission."

2. Primary Service Voltage

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer's monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. Subtransmission Service Voltage

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer's monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

Agricultural Service Rate Schedule AG

C. Power Factor Adjustment

1. Adjustment (charge varies by month)

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer's monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer's monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0110

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2915

D. Time-of-Use Billing Periods

Winter season is from November 1 through April 30. Summer season is from May 1 through October 31.

| | |
|------------------------------|---|
| Winter Season On-Peak | Weekdays between 7:00 a.m. and 10:00 a.m. and 5:00 p.m. and 8:00 p.m. |
| Summer Season On-Peak | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

Agricultural Service Rate Schedule AG

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 day, more than 34 days or spans more than one price. The Electricity Usage allowances, System Infrastructure Fixed Charge, and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period of June through September. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months.

(End)

Combined Heat and Power (CHP) Distributed Generation Rate Schedule CHP

I. Applicability

This Rate Schedule 1-CHP is optional for customers who wish to sell all excess generation to SMUD from an eligible Combined Heat and Power (CHP) generation facility with a capacity of 3 MW or less operating in parallel with SMUD’s distribution system, or with a capacity of 20 MW or less operating in parallel with SMUD’s subtransmission system. The facility must continuously meet the qualifications in Section IV General Conditions. This schedule applies solely to the excess generation delivered to SMUD.

II. Pricing Structure

Under this schedule, SMUD will pay the customer the applicable price for metered energy delivered by the eligible CHP facility during the time periods specified in this schedule.

A. Excess Generation Prices

The CHP excess generation prices will be posted at SMUD’s website, www.smud.org. Prices will be differentiated by delivery voltage, season and time-of-day. CHP excess generation prices will be reset each January 1 and apply for that calendar year to all CHP excess generation delivered to SMUD, regardless of the date of the CHP commissioning and interconnection to SMUD’s system, or the effective date of the Power Purchase Agreement (PPA) and Interconnection Agreement.

The CHP excess generation prices reflect SMUD’s underlying avoided costs for procurement and delivery of comparable power during the specified terms and time periods. The avoided cost is made up of the following components:

- Market Energy Price
- Losses by voltage level
- Transmission and Distribution

SMUD will typically pay for CHP excess generation based on the voltage at the point of delivery to the SMUD system. However, to the extent that SMUD must step up the excess generation to a higher voltage level in order to serve its customers, the pricing for the excess CHP generation will be based on the higher voltage level.

B. Time-of-Delivery Periods

| Season | Months | Super Peak | On Peak | Off Peak |
|---------------|-------------|---|--|-----------------|
| Summer | June - Sept | 2:00 to 8:00 p.m. Mon – Sat except holidays | 6:00 a.m. to 2:00 p.m. & 8:00 p.m. to 10:00 p.m. Mon - Sat except holidays | All other hours |
| Fall & Winter | Oct - Feb | | | |
| Spring | Mar - May | | | |

Off-peak pricing shall apply during the following holidays:

| Holiday | Month | Date |
|------------------|-----------|-----------------|
| New Year’s Day | January | 1 |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

Combined Heat and Power (CHP) Distributed Generation Rate Schedule CHP

III. Charges

A. Reserved Capacity Charge

The customer shall pay a monthly Reserved Capacity Charge to compensate SMUD for standing ready to supply supplemental service, backup electricity, and other services/electricity during interruptions in the CHP facility's operation. The Reserved Capacity Charge is based on the greater of the following:

- The customer's Maximum Anticipated Demand or actual monthly demand, if higher, multiplied by the Reserved Capacity Rate per kW shown below; or
- The Generator Installed Capacity of the CHP facility multiplied by the Reserved Capacity Rate per kW shown below.

| | | |
|--|--------------------------------|------------------------|
| | Secondary & Primary | Subtransmission |
| Reserved Capacity Rate (per kW) | \$6.42 | \$6.17 |

1. Maximum Anticipated Demand

The initial maximum anticipated demand will be the customer's maximum monthly demand in the prior 18 months at the time the PPA is executed.

2. Generator Installed Capacity

The Generator Installed Capacity of the facility will be set forth in the PPA.

3. Reset of Reserved Capacity Basis

If, at any time, the customer's actual monthly demand exceeds the Generator Installed Capacity of the CHP facility, the demand used to calculate the Reserved Capacity Charge will be reset to use the newly established demand as the basis for the charge.

B. Data Communications Charges

The customer shall be responsible for procuring and maintaining any communication link required by SMUD for retrieving meter data. Ongoing data communication charges paid by SMUD on behalf of the customer will be passed through to the customer and will appear on the customer's monthly SMUD bill.

C. Other Charges

SMUD will continue to bill for all appropriate charges under the applicable rate schedule for SMUD supplied power to the customer. These charges include without limitation System Infrastructure Fixed Charge, Electricity Usage charges, surcharges, and taxes. Site Infrastructure Charges and Summer Super Peak Demand Charges are applicable if the sum of these two charges is greater than the Reserved Capacity Charge. Each month, the Reserved Capacity Charge will be compared to the sum of the Site Infrastructure Charge plus any Summer Super Peak Demand Charge. On the monthly bill, the customer will be charged the greater of the two calculations, but not both. The monthly bill will also include applicable metering and data communications charges.

IV. Conditions of Service

A. Eligible CHP Facility

To be eligible for this schedule, the CHP facility shall maintain without interruption certification by the California Energy Commission (CEC) as outlined in the CEC's "Guidelines for Certification of Combined Heat and Power Systems Pursuant

Combined Heat and Power (CHP) Distributed Generation Rate Schedule CHP

to the Waste Heat and Carbon Emissions Reduction Act - Public Utilities Code, Section 2840 *Et Seq.*” . CHP systems placed into operation before January 1, 2008 are not eligible for this schedule.

B. Territory

The CHP facility must be located entirely within SMUD’s service territory.

C. Required Contract

An eligible CHP facility operating under this schedule shall execute a Power Purchase Agreement (PPA) with SMUD. The PPA shall be offered for contract durations of up to 10 years at the option of the customer.

D. Participation in Other SMUD Programs

An eligible CHP facility operating under this schedule may not also obtain benefits for the same facility from any of the following:

1. A separate contract with SMUD for deliveries from the same facility; or
2. Incentives from SMUD under customer programs implemented in compliance with SB1 requirements or similar program; or
3. The net metering option for energy deliveries from the same facility.

E. Electrical Interconnection

An eligible CHP facility under this schedule shall be interconnected within SMUD’s service territory and shall be required to comply with SMUD’s Rule and Regulation 21 process for interconnection and execute an Interconnection Agreement with SMUD. Facilities not meeting the Rule and Regulation 21 requirements will **not** be eligible for service. Any costs for system upgrades and facilities required for interconnection are the responsibility of the customer.

F. Metering Requirements

The eligible CHP facility operating under this schedule shall comply with all applicable rules in installing, at the customer’s expense, a bi-directional time-of-use meter appropriate for excess sale agreements, that can be read daily by electronic means acceptable to SMUD. SMUD will pay for and install a gross output meter to measure the generator output and provide for SMUD data requirements. The customer shall provide and pay for the meter socket and cabinet, and all required current transformers and potential transformers.

G. Energy and Green Attributes

The customer shall, in accordance with the terms and conditions of the PPA, provide and convey to SMUD excess energy produced by the eligible CHP facility net of all station use and any and all site host load. Such conveyance shall include all related Green Attributes.

(End)

Distribution Wheeling Service Rate Schedule DWS

I. Applicability

This Rate Schedule 1-DWS is optional for customers requesting Distribution Wheeling Service. SMUD may, at its sole discretion, provide Distribution Wheeling Service to Independent Power Producers and Cogenerators, also referred to as Merchant Generators, within SMUD territory, who establish a need for this service. Wheeling service requests will be evaluated on a case by case basis and may be limited by availability of distribution system capacity. This rate has been developed for wholesale power transactions and SMUD will not wheel non-SMUD power to its retail customers under this rate.

This Rate Schedule 1-DWS is available to entities owning generating facilities that meet the following conditions:

- The entity's generating facility is connected to SMUD's distribution system; and
- The entity has a power purchase (offtake) agreement for the output of the generating facility with an entity other than SMUD; and
- Power delivery under the power purchase agreement occurs at a location outside of the SMUD system.

Under this service, the power from the associated generating facility will be wheeled (transferred) across SMUD's distribution system from the point of interconnection to SMUD's distribution system (Interconnection Point) to SMUD's bulk power system. Entities taking service under this rate schedule will also be required to take Transmission Wheeling Service from SMUD under the SMUD Open Access Transmission Tariff (OATT).

Service under this schedule is on a first-come, first-served basis and is available unless the usage of these wheeling facilities would be detrimental to SMUD. This schedule is available for interconnection of the qualified generating facility to the SMUD distribution system, wherever that may occur within the SMUD service territory.

II. Rates

| Distribution Wheeling Charge | <u>12/21 kV*</u> | <u>69 kV*</u> |
|------------------------------|------------------|---------------|
| \$/kilowatt-month | \$9.642 | \$1.502 |

* includes all path charges to SMUD's bulk power system

III. Conditions of Service

A. Application for Service

Any entity requesting service under this rate schedule must submit an application for Distribution Wheeling Service. Application for such service is available at the SMUD website, www.smud.org.

B. Required Service Contract

The entity taking wheeling service under the rate schedule shall execute a Distribution Wheeling Agreement (DWA) in accordance with SMUD Policy and Procedure 8-05.

C. Reservation Deposit

The entity requesting service under this rate schedule will be required to submit a deposit equal to one month of service under this rate. The deposit will be refundable up until the time that the entity commits to service by execution of the DWA. Once the DWA is executed, the reservation deposit becomes a nonrefundable payment for the first month of service under the rate schedule.

D. Term

Applicant must specify, at the time of application, the start date for the requested service. Applicant must also specify the duration that is requested for service. SMUD will accept applications for service up to 20 years.

Distribution Wheeling Service Rate Schedule DWS

E. Application Under SMUD'S OATT

Applicants must also make application for Transmission Service under SMUD's Open Access Transmission Tariff.

F. Definitions

The following definitions apply to this schedule:

1. Applicant: The entity requesting service under this rate schedule.
2. Distribution Wheeling: The transfer of Merchant Generator power at 12 kV, 21 kV, or 69 kV for delivery to a third party outside SMUD service territory.

G. Electrical Interconnection

Applicant must also make a request for interconnection that complies with SMUD's Rule and Regulation 21 process for interconnection, and must meet the requirements of Rule and Regulation 21, which include executing an Interconnection Agreement with SMUD. Any resources *not* meeting the Rule and Regulation 21 requirements will not be eligible for service under this schedule.

H. Metering Requirements

Distributed generation resources receiving service under this schedule shall comply with all applicable rules in installing metering equipment appropriate for full output monitoring agreements, and which can be read daily by electronic means acceptable to SMUD. The customer shall be responsible for procuring and maintaining any communication link required by SMUD for retrieving meter data.

IV. Line Losses

Merchant Generators taking service under this rate schedule will be assessed a line loss factor. Line losses will be applied as the electricity transitions from one voltage level to another. The line losses by voltage level are as follows:

| <u>Voltage Level</u> | <u>Loss Factor</u> |
|----------------------|--------------------|
| 12/21kV | 4.06% |
| 69kV | 1.53% |

SMUD reserves the right to update the line loss factor annually on January 1.

Line losses will be applied to the amount of generated electricity that is measured at the point of interconnection between the Merchant Generator's facility and SMUD's electrical system.

(End)

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule 1-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive a discount based on qualifying federal poverty level income guidelines beginning as early as the first full bill cycle in 2019. The EAPR discount will include two components:

1. A \$10 System Infrastructure Fixed Charge discount per month; and
2. An additional discount is applied as a 100% reduction in the electricity usage cost per kilowatt hour up to the maximum discount according to the following income guidelines:

| Federal Poverty Level | 2019 Maximum Electricity Usage Discount |
|-----------------------|---|
| 0-50% | \$40 |
| >50 to 100% | \$30 |
| >100 to 150% | \$20 |
| >150 to 200% | \$20 |

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet EAPR income guidelines.
 1. The primary function of the site shall be to provide a home (sleeping quarters) for low-income residents who would otherwise meet the residential EAPR guidelines defining low-income if permanently residing in a residence.
 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

V. Discount for Nonprofit Organization

All eligible non-profit organization accounts on a residential rate will receive the maximum residential discount.

Eligible commercial customers will receive discounts as follows:

Residential and General Service Energy Assistance Program Rate Schedule EAPR

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The GSN_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- C. The GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- D. The General Service rate schedules GS-TOU1, GS-TOU2, GS-TOU3 System Infrastructure Fixed Charge will receive a 15 percent discount applied each billing period.

VI. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

VII. Conditions of Service

A. Application

To qualify for EAPR, the customer must complete a SMUD application and submit requested supporting documents. Applications are processed by SMUD or SMUD's designated agent.

Residential applications are available at SMUD's website, www.smud.org, or by calling SMUD customer service at 1-888-742-7683.

Nonprofit organizations must provide a copy of a valid determination or ruling letter from the Internal Revenue Service attesting to their charitable nonprofit status. Nonprofit Organization applications are available by calling SMUD customer service at 1-888-742-7683.

B. Verification

Upon request, applicants shall provide proof, satisfactory to SMUD or its designated agent, that they meet the eligibility requirements. Failure to provide proof as requested will be considered just cause for denial to enroll in EAPR. It is the customer's responsibility to immediately notify SMUD or its designated agent when eligibility requirements change to the extent that the applicant no longer qualifies for this program. Applicants served under this program may be subject to annual review and/or verification. Any intent to defraud SMUD will result in rebilling of the applicant's bill and removal from EAPR. SMUD reserves the right to take appropriate legal action as warranted.

VIII. Billing

The effective date of EAPR will be the beginning of the billing period in which the request is approved. If participation is terminated, the effective termination date will be the beginning of the billing period in which the request is received or the cancellation date. The maximum EAPR discount will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The discount may be reflected on the customer's bill with a rate-based identifier code or line item description.

(End)

General Service Rate Schedule GS

I. Applicability

This Rate Schedule I-GS applies to single- or three-phase nonresidential general service delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule is mandatory for all commercial and industrial (C&I) accounts with monthly maximum demand that does not exceed 299 kW for three or more consecutive months. General Service customers include commercial and nonagricultural irrigation pumping accounts. This schedule also applies to General Service accounts with contract capacity of 299 kW or less. The demand for any month shall be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

A. Small Nondemand Service (GSN_T)

This rate applies to General Service accounts with a monthly maximum demand of 20 kW or less. Whenever the monthly maximum demand exceeds 20 kW for *any* three consecutive months and the monthly energy usage is at least 7,300 kWh for *any* three consecutive months within a 12-month period, the account will be billed on the applicable demand rate. To return to the nondemand rate, the monthly maximum demand must be 20 kW or less for 12-consecutive months **or** the usage must be less than 7,300 kWh for 12 consecutive months.

B. Small Nondemand, Nonmetered Service (GFN)

This rate applies to General Service accounts where an account's monthly consumption of electricity is consistently small or can be predetermined with reasonable accuracy by reference to the capacity of equipment served and the hours of operation, SMUD, at its discretion, and with the customer's consent, will calculate electricity consumed in lieu of providing metering equipment. The calculated electricity consumption will be billed at the average of the GSN_T rate's annual electricity usage charges.

C. Small Demand Service (GSS_T)

This rate applies to General Service accounts with a monthly maximum demand of at least 21 kW but does not exceed 299 kW for *any* three consecutive months **and** monthly energy usage of at least 7,300 kWh for *any* three consecutive months within a 12-month period. The customer will be billed on this demand rate unless the monthly usage is less than 7,300 for 12 consecutive months; or the maximum demand falls below 21 kW for 12 consecutive months; or the monthly maximum demand exceeds 299 kW for three consecutive months.

II. Firm Service Rates

| Rate Category | Nondemand GSN_T | Flat GFN | Demand GSS_T |
|--|--------------------|-------------|-----------------|
| Winter Season - October 1 through May 31 | | | |
| System Infrastructure Fixed Charge - per month per meter | \$20.40 | \$9.10 | \$24.80 |
| Site Infrastructure Charge (per 12 months max kW or contract capacity) | n/a | n/a | \$7.66 |
| Electricity Usage Charge | | | |
| All day \$/kWh | \$0.1316 | \$0.1331 | \$0.1032 |
| Summer Season - June 1 through September 30 | | | |
| System Infrastructure Fixed Charge - per month per meter | \$20.40 | \$9.10 | \$24.80 |
| Site Infrastructure Charge (per 12 months max kW or contract capacity) | n/a | n/a | \$7.66 |
| Electricity Usage Charge | | | |
| On-peak \$/kWh | \$0.3037 | \$0.1331 | \$0.2634 |
| Off-peak \$/kWh | \$0.1110 | \$0.1331 | \$0.0914 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

A. **Hydro Generation Adjustment (HGA)**. Refer to Rate Schedule 1-HGA.

General Service Rate Schedule GS

IV. Rate Option Menu

A. Energy Assistance Program for Nonprofit Agencies. Refer to Rate Schedule 1-EAPR.

B. Campus Rates. Refer to Rate Schedule 1-CB.

C. Implementation of Energy Efficiency Program or Installation of New Solar/Photovoltaic Systems

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

D. Generator Standby Service Option

Generator Standby Service applies when the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

| Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| | \$6.71 | \$5.30 | \$2.68 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

General Service Rate Schedule GS

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

B. Service Voltage Definition

The following defines the three voltage classes available. The rate will be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. Adjustment (charge per month varies)

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \quad \times \quad [(95\% \div \text{Power Factor}) - 1] \quad \times \quad \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate per excess KVAR\$0.0110

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract.

The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR \$0.2915

General Service Rate Schedule GS

D. Winter (October 1 – May 31) All hours are off-peak.

E. Summer Time-of-Use Billing Periods (June 1 – September 30)

| | |
|-----------------|---|
| On-Peak | Summer weekdays between 3:00 p.m. and 6:00 p.m. |
| Off-Peak | All other hours, including holidays shown below |

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP (*Closed to new customers*)

I. Applicability

This Rate Schedule 1-GS-TDP applies to single- or three-phase service, delivered at the subtransmission voltage level. The rate charged the customer shall vary depending on the maximum forecasted temperature during the summer season (June through September). SMUD is utilizing temperature-dependent pricing as an additional rate option for economic retention.

This rate schedule was closed to new participants effective January 1, 1998.

To be eligible for this schedule, customers must have met the following requirements:

1. Certify to SMUD that serving their load has become competitive as shown through evidence of viable competitive energy sources from relocation, self-generation, cogeneration, etc.;
2. Verify that electricity costs are at least 10 percent of their variable production costs; and
3. Agree to remain a full-requirements SMUD customer for a minimum period of five years. If the customer chooses to bypass SMUD before the five year period has expired, the customer shall reimburse SMUD for all cumulative savings received under the temperature-dependent pricing rate compared to the standard rate. The customer may elect to terminate SMUD service after four years, with a one-year advance notification, without penalty.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rate

| | Voltage Level Rate Category | Subtransmission GDT_99 |
|---|---|---------------------------|
| Winter Season – October 1 through May 31 | | |
| System Infrastructure Fixed Charge per month per meter | | \$289.05 |
| Site Infrastructure Charge (<i>\$ per 12 month max kW or contract capacity</i>) | | \$0.56 |
| Electricity Usage Charge | | |
| On-Peak Period \$/kWh | | \$0.1000 |
| Off-peak period \$/kWh | | \$0.0714 |
| Summer Season – June 1 through September 30 | | |
| System Infrastructure Fixed Charge per month per meter | | \$289.05 |
| Site Infrastructure Charge (<i>\$ per 12 month max kW or contract capacity</i>) | | \$0.56 |
| TDP Summer Super-Peak Demand Charge (\$/kW) | | |
| Per kW of maximum demand during Super-Peak Period per day if forecasted daily maximum temperature (T) for the following day is: | | |
| “Heat Storm” | if T >= 100° for 2 or more consecutive days; or | \$5.80 |
| “Extremely Hot” | if T >= 100° for a single day; or | \$5.45 |
| “Very Hot” | if 100° > T > 95°; or | \$1.01 |
| “Mild to Hot” | if 95° >= T | No Charge |
| Electricity Usage Charge | | |
| Super-Peak \$/kWh | | \$0.1359 |
| On-Peak \$/kWh | | \$0.1195 |
| Off-Peak \$/kWh | | \$0.0899 |

The TDP Summer Super Peak Maximum Demand Charge varies depending on the forecasted maximum temperature, based on a mutually agreed upon weather forecast source for the Sacramento area, for the following day.

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP (*Closed to new customers*)

Minimum Demand Charge Day

A “Minimum Demand Charge Day” may be declared on days when the forecast maximum daily temperature is greater than 95°F and less than 50 percent of SMUD’s available peaking resources are being utilized. On a “Minimum Demand Charge Day” there is no charge for super-peak TDP maximum demand.

Notification of Minimum Demand Charge Day

It is the responsibility of the customer to communicate with SMUD to determine whether the SMUD system operator has declared a “Minimum Demand Charge Day.” SMUD reserves the right to cancel a “Minimum Demand Charge Day” if necessary. Any such update will be provided to the customer no later than one hour prior to application of the TDP super-peak maximum demand charge.

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges.

A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

B. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP (*Closed to new customers*)

B. Service Voltage Definition

1. Secondary Service Voltage

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. Primary Service Voltage

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. Subtransmission Service Voltage

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. Adjustment (charge per month varies)

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0110

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2915

D. Large General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 - May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 - September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP *(Closed to new customers)*

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Large General Service Time-of-Use Rate Schedule GS-TOU1

I. Applicability

This Rate Schedule 1-GS-TOU1 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule is mandatory for all agricultural, commercial and industrial (C&I) accounts with monthly maximum demand of 1,000 kW or greater for three consecutive months during the preceding 12 months. Accounts will remain on this rate schedule unless monthly maximum demand falls below 1,000 kW for 12 consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. This schedule is also mandatory for accounts with contract capacity of 1,000 kW or greater.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

| Voltage Level Rate Category | Large C&I Secondary GUS_L | Large C&I Primary GUP_L | Large C&I Subtransmission GUT_L |
|--|---------------------------------|-------------------------------|---------------------------------------|
| Winter Season - October 1 through May 31 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$109.15 | \$109.15 | \$289.05 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$4.06 | \$3.90 | \$3.10 |
| Electricity Usage Charge | | | |
| On-Peak \$/kWh | \$0.1090 | \$0.1037 | \$0.1000 |
| Off-Peak \$/kWh | \$0.0864 | \$0.0808 | \$0.0790 |
| Summer Season - June 1 through September 30 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$109.15 | \$109.15 | \$289.05 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$4.06 | \$3.90 | \$3.10 |
| Electricity Usage Charge | | | |
| Super-Peak \$/kWh | \$0.1698 | \$0.1400 | \$0.1359 |
| On-Peak \$/kWh | \$0.1355 | \$0.1274 | \$0.1195 |
| Off-Peak \$/kWh | \$0.1084 | \$0.0989 | \$0.0975 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. **Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule 1-EAPR.

B. **Campus Billing.** Refer to Rate Schedule 1-CB.

C. **Implementation of Energy Efficiency Program or Installation of New Solar/Photovoltaic Systems**

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

Large General Service Time-of-Use Rate Schedule GS-TOU1

D. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

| Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| | \$6.71 | \$5.30 | \$2.68 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

Large General Service Time-of-Use Rate Schedule GS-TOU1

B. Service Voltage Definition

The following defines the three voltage classes available. The rate shall be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. **Adjustment (charge per month varies)**

Accounts on a demand rate are subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0110

2. **Waiver Contract (charge per month is set for the term of the waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2915

D. Large General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 -May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 -September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Large General Service Time-of-Use Rate Schedule GS-TOU1

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Billing period is less than 27 days | Relationship between the length of the billing period and 30 days. |
| Billing period is more than 34 days | |
| Price changes within billing period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Medium General Service Time-of-Use Rate Schedule GS-TOU2

I. Applicability

This Rate Schedule 1-GS-TOU2 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer’s premises. This schedule is mandatory for all agricultural, commercial and industrial (C&I) accounts with monthly maximum demand of at least 500 kW for three consecutive months, but not greater than 999 kW for three consecutive months during the preceding 12 months. Accounts will remain on this schedule unless monthly maximum demand falls below 500 kW for 12 consecutive months or exceeds 999 kW for three consecutive months. This schedule is also mandatory for accounts with contract capacity of at least 500 kW, but not greater than 999 kW. The demand for any month will be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

| Voltage Level Rate Category | Medium C&I | Medium C&I | Medium C&I |
|--|--------------------|------------------|--------------------------|
| | Secondary GUS_M | Primary GUP_M | Subtransmission GUT_M |
| Winter Season – October 1 through May 31 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$109.05 | \$109.05 | \$288.85 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$2.88 | \$2.55 | \$2.09 |
| Electricity Usage Charge | | | |
| On-Peak \$/kWh | \$0.1039 | \$0.0982 | \$0.0947 |
| Off-Peak \$/kWh | \$0.0822 | \$0.0779 | \$0.0762 |
| Summer Season – June 1 through September 30 | | | |
| System Infrastructure Fixed Charge – per month per meter | \$109.05 | \$109.05 | \$288.85 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | \$2.88 | \$2.55 | \$2.09 |
| Summer Super Peak Demand Charge (\$ per monthly super-peak max kW) | \$7.05 | \$6.49 | n/a |
| Electricity Usage Charge | | | |
| Super-Peak \$/kWh | \$0.1969 | \$0.1874 | \$0.1820 |
| On-Peak \$/kWh | \$0.1356 | \$0.1307 | \$0.1224 |
| Off-Peak \$/kWh | \$0.1044 | \$0.0993 | \$0.0978 |

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. **Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule 1-EAPR.

B. **Campus Billing.** Refer to Rate Schedule 1-CB.

C. **Implementation of Energy Efficiency Program or Installation of New Solar Photovoltaic Systems**

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

Medium General Service Time-of-Use Rate Schedule GS-TOU2

D. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

| | | | |
|--|------------------|----------------|------------------------|
| Generator Standby Charge by Voltage Level | Secondary | Primary | Subtransmission |
| (\$/kW of Contract Capacity per month) | \$6.71 | \$5.30 | \$2.68 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, Summer Super Peak Infrastructure Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

G. Special Metering Charge

The customer shall pay for additional equipment and software identified by SMUD meter specialists as necessary for load data collection and upload to the customer electronic system. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

Medium General Service Time-of-Use Rate Schedule GS-TOU2

B. Service Voltage Definition

The following defines the three voltage classes available. The rate will be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. **Adjustment (charge per month varies)**

Accounts on a demand rate are subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0110

2. **Waiver Contract (charge per month is set for term of waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2915

D. Medium General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 - May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 - September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Medium General Service Time-of-Use Rate Schedule GS-TOU2

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service may be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Small General Service Time-of-Use Rate Schedule GS-TOU3

I. Applicability

This Rate Schedule 1-GS-TOU3 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule is mandatory for all commercial and industrial (C&I) accounts with monthly maximum demand of at least 300 kW for three consecutive months, but not greater than 499 kW for three consecutive months during the preceding 12 months, and for all accounts previously served at the primary level on Rate Schedule 1-GS. Accounts will remain on the GS-TOU3 rate schedule unless monthly maximum demand falls below 300 kW for 12 consecutive months or exceeds 499 kW for three consecutive months. This schedule is also mandatory for accounts with contract capacity of at least 300 kW, but not greater than 499 kW. The demand for any month shall be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

| | Voltage Level Rate Category | Small C&I Secondary GUS_S | Small C&I Primary GUP_S |
|--|--------------------------------|---------------------------------|-------------------------------|
| Winter Season - October 1 through May 31 | | | |
| System Infrastructure Fixed Charge - per month per meter | | \$109.05 | \$109.05 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | | \$3.84 | \$3.44 |
| Electricity Usage Charge | | | |
| On-Peak \$/kWh | | \$0.1054 | \$0.0995 |
| Off-Peak \$/kWh | | \$0.0837 | \$0.0791 |
| Summer Season - June 1 through September 30 | | | |
| System Infrastructure Fixed Charge - per month per meter | | \$109.05 | \$109.05 |
| Site Infrastructure Charge (\$ per 12 month max kW or contract capacity) | | \$3.84 | \$3.44 |
| Summer Super Peak Demand Charge (\$ per monthly super-peak max kW) | | \$7.73 | \$7.05 |
| Electricity Usage Charge | | | |
| Super-Peak \$/kWh | | \$0.2027 | \$0.1929 |
| On-Peak \$/kWh | | \$0.1385 | \$0.1334 |
| Off-Peak \$/kWh | | \$0.1101 | \$0.1047 |

III. Electricity Usage Surcharges

Refer the following rate schedules for details on electricity surcharges that apply to all kWh usage.

A. **Hydro Generation Adjustment (HGA)**. Refer to Rate Schedule 1-HGA.

IV. Rate Option Menu

A. **Energy Assistance Program Rate (EAPR) for Nonprofit Agencies**. Refer to Rate Schedule 1-EAPR.

B. **Campus Billing**. Refer to Rate Schedule 1-CB.

C. **Implementation of Energy Efficiency Program or Installation of New Solar Photovoltaic Systems**

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their billing demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted billing demand is valid for 12 months or until it is exceeded by actual maximum demand.

Small General Service Time-of-Use Rate Schedule GS-TOU3

D. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD’s electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

| | | | |
|--|------------------|----------------|------------------------|
| Generator Standby Charge by Voltage Level | Secondary | Primary | Subtransmission |
| (\$/kW of Contract Capacity per month) | \$6.71 | \$5.30 | \$2.68 |

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges, Site Infrastructure Charges, Summer Super Peak Infrastructure Charges, as well as electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

E. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-----------------------------|---------|
| Greenergy Partner Plus..... | \$10.00 |
| Greenergy Partner | \$5.00 |

G. Special Metering Charge

The customer shall pay for additional equipment and software identified by SMUD meter specialists as necessary for load data collection and upload to the customer electronic system. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

Small General Service Time-of-Use Rate Schedule GS-TOU3

B. Service Voltage Definition

The following defines the three voltage classes available. The rate will be determined by the voltage level at which service is provided according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as “Primary” or “Subtransmission.”

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer’s monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer’s monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

C. Power Factor Adjustment or Waiver

1. **Adjustment (charge per month varies)**

Accounts on a demand rate are subject to a power factor (PF) adjustment charge. When a customer’s monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer’s monthly power factor or 95 percent

Power Factor Adjustment Rate\$0.0110

2. **Waiver Contract (charge per month is set for term of waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2915

D. Small General Service Time-of-Use Billing Periods

| | |
|---|--|
| Winter On-Peak: October 1 -May 31 | Weekdays between noon and 10:00 p.m. |
| Summer On-Peak: June 1 -September 30 | Weekdays between noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m. |
| Summer Super-Peak: June 1 - September 30 | Weekdays between 2:00 p.m. and 8:00 p.m. |
| Off-Peak | All other hours, including holidays shown below. |

Small General Service Time-of-Use Rate Schedule GS-TOU3

Off-peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year's Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln's Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|--|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that falls within the respective pricing periods. |

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service may be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Outdoor Night Lighting Service Rate Schedule NLGT

I. Applicability

This Rate Schedule 1-NLGT applies to SMUD-owned and maintained outdoor overhead lighting service where Street Lighting Service Rate Schedule SLS does not apply. Service furnished under this schedule may be discontinued at any location where SMUD's overhead distribution facilities are relocated or converted to underground distribution facilities.

Lamps shall be supported on SMUD-owned poles that are used to carry distribution system circuits used for other SMUD purposes, and shall be at locations approved by SMUD.

II. Rate

Electricity and Switching Charge (\$ per watt of connected load)..... \$0.0267

There will be a separate monthly charge for installation and maintenance of each fixture (including lamps, refractors, ballasts, photocells and other typical support equipment). These charges are based upon the installation of street lighting fixtures of a design specified by SMUD and mounted by means of varying length brackets affixed to existing wood poles that are used to carry distribution system circuits.

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity surcharges that apply to all kWh usage.

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule 1-HGA.

IV. Lamp Servicing and Relocations

- A. Upon receipt of notice from the customer that light fails to operate as scheduled, SMUD will, within a reasonable period of time, make the necessary repairs.
- B. SMUD will, at the customer's request, relocate existing outdoor lighting service equipment, provided the customer reimburses SMUD for the relocation cost.

V. Conditions of Service

- A. Service shall be alternating current at a frequency of approximately 60 hertz, single phase.
- B. Where new facilities are required in order to provide service for an applicant under this rate, SMUD may require a contract for service for a period not to exceed three years.
- C. Information on equipment that qualifies for this rate schedule and the associated monthly charge is available on the SMUD website, www.smud.org, or will be furnished upon request. SMUD will review this information at least annually and update as appropriate. SMUD retains the right to modify the listing of approved fixtures and lamps to accommodate changing technology or other business needs criteria.

VI. Billing

A. Connected Load

The manufacturer's rating in watts (including all auxiliary equipment) will be used as connected load.

Outdoor Night Lighting Service Rate Schedule NLGT

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

(End)

Residential Service Rate Schedule R

I. Applicability

This Rate Schedule 1-R applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes; and
3. Master-metered service to a qualifying multifamily accommodation or mobile home park that is submetered to all single-family units or individual mobile homes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Fixed Rate (rate category RF01)

1. The Fixed Rate is the alternative rate to SMUD’s Time-of-Day (TOD) (5-8 p.m. Peak) Rate (rate category RT02) under Rate Schedule R-TOD.
2. The Fixed Rate is required for customers serviced with analog meters and digital non-communicating meters. These customers will transition to the Fixed rate as determined by SMUD no later than December 31, 2019
3. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD after December 31, 2017 are not eligible to enroll in the Fixed Rate.
4. Customers who have master meters, including those enrolled on the RSMM rate category, are not eligible to enroll in the Fixed Rate.

B. Legacy Rate (rate categories RSCH, RWCH, RSEH, RWEH, RSGH and RWGH) Closed

1. The Legacy Rate is closed for enrollment to all residential customers who do not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018.
2. The Legacy rate will no longer be an available rate option to residential customers once a customer has been transitioned to the TOD (5-8 p.m. Peak) Rate. Eligible customers can elect the Fixed Rate under Rate Schedule R as an alternative rate.
3. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018, and are enrolled on the Legacy Rate may remain on this closed rate until December 31, 2022. If an eligible generation facility customer in this rate category elects an open rate, the customer cannot return to the Legacy Rate.
4. Customers in the Legacy Rate who do not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM, will gradually transition as determined by SMUD to the TOD (5-8 p.m. Peak) Rate (rate category RT02) under Rate Schedule R-TOD, if eligible, as early as September 1, 2018, and no later than December 31, 2019.
5. All other existing customers not eligible for Rate Schedule R-TOD will transition to the alternative Fixed Rate under this Rate Schedule R no later than December 31, 2019.
6. Customers with wells will begin transitioning to Rate Schedule R-TOD in January 2019.

C. Master-Metered Multifamily Accommodation and Mobile Home Park Billing (Rate Category RSMM)

1. This rate is closed to new customers unless SMUD determines that it is not reasonable or feasible to provide service and meter the individual units directly.

Residential Service Rate Schedule R

2. The master-metered customer's electricity consumption will be billed using the total kWh usage of the master-meter divided by the number of occupied single-family accommodations. The billing calculation will include applicable discounts to all kWh Usage Charges and System Infrastructure Fixed Charge for qualifying energy assistance and medical equipment discount program participants. The customer must advise SMUD within 15 days following any change in the number of occupied single-family accommodations wired for electric service.
3. Master-metered customers on the Legacy Rate (rate categories RSCH, RWCH, RSEH, RWEH, RSGH and RWGH) will be transitioned to the new rate category RSMM no later than December 31, 2019.

II. Firm Service Rates

A. Fixed Rate Customers (rate categories RF01)

Non-Summer Season* – October 1 through May 31

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1032

Summer Season – June 1 through September 30

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1649

* Non-Summer Season includes Fall (Oct 1 – Nov 30), Winter (Dec 1 – Mar 31) and Spring (Apr 1 – May 31) periods.

B. Legacy Rate Customers (rate categories RSCH, RWCH, RSEH, RWEH, RSGH, RWGH) Closed

Winter Season* – October 1 through May 31

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1145

Summer Season – June 1 through September 30

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1310

* All seasons with the exclusion of summer (June 1 – September 30), include the following residential Smart Pricing Pilot rate categories: RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, and RWGH_SP. Winter Season includes Fall (Oct 1 – Nov 30) and Spring (Apr 1 – May 31) periods for Electric Heat rate customers (RSCH, RWCH, RSEH, RWEH).

C. Master-Metered Multifamily Accommodation and Mobile Home Park Billing (Rate Category RSMM) Closed

Non-Summer Season* – October 1 through May 31

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1145

Residential Service Rate Schedule R

Summer Season – June 1 through September 30

System Infrastructure Fixed Charge per month \$20.30

Electricity Usage Charge:

All kWh usage per month \$/kWh \$0.1310

* Non-Summer Season includes Fall (Oct 1 – Nov 30), Winter (Dec 1 – Mar 31) and Spring (Apr 1 – May 31) periods.

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule 1–HGA.

IV. Rate Option Menu

A. Energy Assistance Program. Refer to Rate Schedule 1–EAPR.

B. Medical Equipment Discount Program. Refer to Rate Schedule 1–MED.

C. Joint Participation in Medical Equipment Discount and Energy Assistance Programs. Refer to Rate Schedule 1–MED.

D. Time-of-Day Rate. Refer to Rate Schedule 1- R-TOD.

E. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating of less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Generator Standby Charge January 1 through December 31

\$/kW of Contract Capacity per month\$6.67

In addition to the Generator Standby Charge, SMUD will continue to bill for all applicable charges under this rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power.

The Generator Standby Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

F. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

G. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

Residential Service Rate Schedule R

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

| | |
|-------------------------------------|--------|
| Greenergy Partner Plus – 100% | \$6.00 |
| Greenergy Partner Plus – 50% | \$3.00 |

H. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

I. Plug-In Electric Vehicle (PEV) Option. Refer to Rate Schedule 1-R-TOD.

J. Residential Three-Phase Service Option

This option is open to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

| | |
|---------------------------------------|---------|
| Special Facilities fee per month..... | \$43.60 |
|---------------------------------------|---------|

V. Billing

KWh usage may be prorated for nonstandard billing periods, when billing period spans a price change, and/or when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

| Billing Circumstance | Basis for Proration |
|--|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Seasons overlap and price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective season or pricing periods. |

(End)

Residential Time-of-Day Service Rate Schedule R-TOD

I. Applicability

This Rate Schedule 1-R-TOD applies to single- and three-phase service for the following types of residential premises:

1. Individual or dual metered residences with digital communicating meter installed, including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes.

Master-metered service to a qualifying multifamily accommodation or mobile home parks are not eligible for Time-of-Day rates under rate schedule R-TOD.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Time-of-Day (5-8 p.m. Peak) Rate (rate category RT02)

1. The TOD (5-8 p.m. Peak) Rate is the standard rate for SMUD’s residential customers. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD after December 31, 2017 must be on the TOD (5-8 p.m. Peak) Rate.
2. Existing eligible customers on the Legacy Rate, with rate categories RSCH, RWCH, RSEH, RWEH, RSGH and RWGH under Rate Schedule R, will gradually transition as determined by SMUD to the TOD (5-8 p.m. Peak) Rate beginning the first full billing cycle in January 2019, and complete transition no later than December 31, 2019.
3. After being transitioned to the TOD (5-8 p.m. Peak) Rate, eligible customers can elect the Fixed Rate under Rate Schedule R as an alternative rate.
4. Customers who move-in or transfer service to premises with an eligible renewable electrical generation facility after December 31, 2017 must be on the TOD (5-8 p.m. Peak) Rate.
5. This rate has five kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown below. Holidays are detailed in Section V. Conditions of Service.

| | | |
|--|-----------------|---|
| Summer (Jun 1 - Sept 30) | Peak | Weekdays between 5:00 p.m. and 8:00 p.m. |
| | Mid-Peak | Weekdays between noon and midnight except during the Peak hours. |
| | Off-Peak | All other hours, including weekends and the holidays ¹ . |
| Non-Summer (Oct 1 - May 31) | Peak | Weekdays between 5:00 p.m. and 8:00 p.m. |
| | Off-Peak | All other hours, including weekends and holidays ¹ . |

¹See Section V. Conditions of Service

B. Optional Time-of-Day (4-7 p.m. Peak) Rate (rate category RT01) Closed

1. The TOD (4-7 p.m. Peak) Rate is closed for enrollment to residential customers who did not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018.
2. Customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018, and are enrolled on the TOD (4-7 p.m. Peak) Rate may remain on this closed rate until December 31, 2022.
3. The TOD (4-7 p.m. Peak) Rate will terminate for customers with an eligible renewable electrical generation facility under Rate Schedule 1-NEM on their first full billing cycle that closes in 2023, and customers will then transition to SMUD’s residential standard rate.
4. If a customer with an eligible renewable electrical generation facility under Rate Schedule 1-NEM on this rate category elects an open rate, the customer cannot return to the TOD (4-7 p.m. Peak) Rate.

Residential Time-of-Day Service Rate Schedule R-TOD

5. Existing customers who have an eligible renewable electrical generation facility under Rate Schedule 1-NEM that was approved for installation by SMUD before January 1, 2018 may enroll in the TOD (5-8 p.m. Peak) Rate at any time; however, once enrolled in the TOD (5-8 p.m. Peak) Rate, the customer cannot return to the TOD (4-7 p.m. Peak) Rate.
6. Existing customers on the TOD (4-7 p.m. Peak) Rate who do not have an eligible renewable electrical generation facility under Rate Schedule 1-NEM will transition as determined by SMUD to the TOD (5-8 p.m. Peak) Rate no later than December 31, 2019 and will no longer be eligible for the TOD (4-7 p.m. Peak) Rate.
7. This rate has three kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown below. Holidays are detailed in Section V. Conditions of Service.

| | | |
|--|--------------------------|---|
| Jun 1 - Sep 30 | Summer Super Peak | Weekdays between 4:00 p.m. and 7:00 p.m. |
| Year-round (Jan 1 - Dec 31) | Peak | Weekdays between 9:00 a.m. and 9:00 p.m. except during the Summer Super Peak hours. |
| | Off-Peak | All other hours, including weekends and the holidays ¹ . |

¹See Section V. Conditions of Service

II. Firm Service Rates

| | |
|--|---------------------------|
| A. Time-of-Day (5-8 p.m. Peak) Rate | Rate Category RT02 |
| System Infrastructure Fixed Charge per month | \$20.30 |
| Non-Summer Prices* – October 1 through May 31 | |
| Electricity Usage Charge | |
| Peak \$/kWh | \$0.1338 |
| Off-Peak \$/kWh | \$0.0969 |
| Summer Prices - June 1 through September 30 | |
| Electricity Usage Charge | |
| Peak \$/kWh | \$0.2835 |
| Mid-Peak \$/kWh | \$0.1611 |
| Off-Peak \$/kWh | \$0.1166 |

* Non-Summer Season includes Fall (Oct 1 – Nov 30), Winter (Dec 1 – Mar 31) and Spring (Apr 1 – May 31) periods.

| | |
|---|---------------------------|
| B. Optional Time-of-Day(4-7 p.m. Peak) Rate | Rate Category RT01 |
| System Infrastructure Fixed Charge per month | \$20.30 |
| Winter Prices – October 1 through May 31 | |
| Electricity Usage Charge | |
| Peak \$/kWh | \$0.1481 |
| Off-Peak \$/kWh | \$0.0853 |
| Summer Prices - June 1 through September 30 | |
| Electricity Usage Charge | |
| Summer Super Peak \$/kWh | \$0.3704 |
| Peak \$/kWh | \$0.1481 |
| Off-Peak \$/kWh | \$0.0853 |

C. Plug-In Electric Vehicle Credit (rate categories RT02 and RT01)

This credit is for residential customers who have a licensed passenger battery electric plug-in or plug-in hybrid electric vehicles.

Residential Time-of-Day Service Rate Schedule R-TOD

Credit applies to all electricity usage charges from midnight to 6:00 a.m. daily

Electric Vehicle Credit..... ~~-\$0.0150/kWh~~

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

IV. Rate Option Menu

- A. **Energy Assistance Program.** Refer to Rate Schedule 1-EAPR.
- B. **Medical Equipment Discount Program.** Refer to Rate Schedule 1-MED.
- C. **Joint Participation in Medical Equipment Discount and Energy Assistance Program.** Refer to Rate Schedule 1-MED.
- D. **Generator Standby Service Option**

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer’s premises, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Generator Standby Service – January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.67

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected residential TOD rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable residential TOD rates.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1–NEM.

- D. **Net Energy Metering Option.** Refer to Rate Schedule 1-NEM for further details.

E. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, www.smud.org, for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on www.smud.org and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

Greenergy Partner Plus – 100%\$6.00

Residential Time-of-Day Service Rate Schedule R-TOD

Greenergy Partner Plus – 50%\$3.00

F. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

G. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month\$43.60

V. Conditions of Service

A. Time-of-Day Billing Periods

Off-Peak pricing shall apply during the following holidays:

| <u>Holiday</u> | <u>Month</u> | <u>Date</u> |
|----------------------------|--------------|-----------------|
| New Year’s Day | January | 1 |
| Martin Luther King Jr. Day | January | Third Monday |
| Lincoln’s Birthday | February | 12 |
| Presidents Day | February | Third Monday |
| Memorial Day | May | Last Monday |
| Independence Day | July | 4 |
| Labor Day | September | First Monday |
| Columbus Day | October | Second Monday |
| Veterans Day | November | 11 |
| Thanksgiving Day | November | Fourth Thursday |
| Christmas Day | December | 25 |

VI. Billing

A. Proration of Charges

The electricity usage charge and the monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

(End)

Street Lighting Service Rate Schedule SLS

I. Applicability

This Rate Schedule 1-SLS applies to outdoor lighting service facilities for:

1. Streets; and
2. Highways, and bridges; and
3. Public parks; and
4. Elementary schools, secondary schools, and colleges.

This schedule covers the following service categories:

- **Customer-owned and maintained — Rate Category SL_COM**
- **Customer-owned and maintained, metered — Rate Category SL_COM_M**
- **Customer-owned, SMUD-maintained — Rate Category SL_CODM**
- **SMUD (District)-owned and maintained — Rate Categories SL_DOM and SL_DOM_M**

For the purposes of the following prices a "month" is considered to be a single billing of 27 to 34 days.

II. Customer-owned and maintained — Rate Category SL_COM

Where the customer owns and maintains the street lighting equipment, SMUD will furnish electricity and switching. This rate is available to customers that are not eligible for the default SL_COM_M metered rate or as determined by SMUD. Effective first full billing cycle of 2019, the charge will be as follows:

Electricity and Switching Charge (\$ per watt of connected load) \$0.0267

III. Customer-owned and maintained, metered — Rate Category SL_COM_M

Eligible street lighting customers requesting new installations of lamps or additions of new lamps to existing accounts will default to the metered SL_COM_M rate. Eligible street lighting customers will be served under the default rate or as determined by SMUD.

Where the customer owns and maintains street lighting equipment, that is controlled to **operate solely during dusk to dawn hours**, SMUD will furnish electricity, the meter, and switching. The charges will be as follows:

System Infrastructure Fixed Charge per month \$9.25

Electricity Usage Charge (\$ per kWh) - all kWh \$0.0800

IV. Customer-owned, SMUD (District)-maintained — Rate Category SL_CODM (Closed to new customers and installations)

This rate is closed to new customers and installations effective January 23, 2014. Where the customer owns the street lighting equipment and SMUD supplies electricity, switching and, lamp servicing and maintenance, such service will be rendered for lamps and fixtures of sizes and types as SMUD has approved. Effective first full billing cycle of 2019, the charge will be as follows:

Electricity and Switching Charge (\$ per watt of connected load) \$0.0267

There is a separate monthly charge for maintaining each fixture and/or lamp. SMUD maintains a list of acceptable lamps and fixture types with standard ratings and the corresponding monthly maintenance charge.

This service is restricted to SMUD-approved locations.

Street Lighting Service Rate Schedule SLS

V. SMUD (District)-owned and maintained — Rate Categories SL_DOM and SL_DOM_M

Where the customer requests that SMUD install, operate, and maintain the entire street lighting system, such service will be provided with fixtures and lamps of sizes and types as approved by SMUD. This rate is restricted to streets that are defined as right-of-way held in public trust, and maintained by the applicable governmental jurisdiction. At SMUD's sole discretion, streets not readily accessible to the general public will be served under the customer owned and maintained rates only.

Eligible street lighting customers requesting new installations of lamps or addition of new lamps to existing accounts will default to the metered SL_DOM_M rate unless otherwise determined by SMUD. Street lighting customers who are determined by SMUD not eligible for the default SL_DOM_M metered rate will be served under the SL_DOM rate.

There will be a separate monthly charge for installation and maintenance of each fixture (including lamps, refractors, ballasts, photo cells and other typical support equipment). These charges are based on the installation of street lighting fixtures of a design specified by SMUD and mounted by means of varying length brackets affixed to poles that are used to carry distribution system circuits.

When additional or alternative facilities are installed at the customer's request, monthly charges will be assessed according to SMUD's published charge schedule.

The SL_DOM rate will be available only to new customers and installations that are not eligible for the SL_DOM_M metered rate.

A. Pricing

Rate Category SL_DOM, unmetered

Electricity and Switching Charge (\$ per watt of connected load) \$0.0267

Rate Category SL_DOM_M, metered

System Infrastructure Fixed Charge per month or portion thereof..... \$9.25

Electricity Usage (\$ per kWh) - all kWh..... \$0.0800

B. Relocations and Changes

At the customer's request, SMUD may, at its sole discretion, relocate existing equipment provided the customer reimburses net expense to SMUD incurred in connection therewith, including appropriate engineering and general expense.

At the customer's request, SMUD may, at its sole discretion, replace existing equipment with new equipment prior to expiration of the existing equipment's service life, provided the customer pays to SMUD an amount equal to the unrecovered cost, less salvage value, of the existing equipment to be retired and executes a fifteen-year contract for service effective with installation of the new equipment.

C. New Service

New service will require an initial contract term of 15 years effective with installation of the service. If service is terminated before the contract term, the customer will be responsible for an amount equal to the unrecovered cost, less salvage value, of the equipment installed.

Street Lighting Service Rate Schedule SLS

VI. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

VII. Conditions of Service

- A. Service will be alternating current at a frequency of approximately 60 hertz, single phase, at voltages specified by SMUD. Lamps shall be controlled to operate from dusk to dawn each night so as to give approximately 4,000 hours of lighting service annually.
- B. When a customer requests that SMUD finance as well as install customer-owned street lighting equipment, provisions of Rule and Regulation 2 apply.
- C. Information on equipment that qualifies for rates on this schedule and the associated monthly charges is available, on SMUD’s website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.
- D. SMUD will furnish a meter to provide service under the metered rate categories.

VIII. Billing

- A. The manufacturer’s rating in watts (including all auxiliary equipment) will be used as connected load.

B. Proration of Charges (SL_DOM, SL_COM, and SL_CODM)

Billing periods for nonstandard lengths will be billed as follows:

1. Service connected for 15 or more days during a billing period will be billed for a full month’s service.
2. Service connected for 1-14 days during a billing period will not be billed for such partial month’s service.
3. Service discontinued for 15 or more days during a billing period will not be billed for such partial month’s service.
4. Service discontinued for 1-14 days during a billing period will be billed for a full month’s service.

C. Proration of Charges (SL_DOM_M and SL_COM_M)

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance | Basis for Proration |
|-------------------------------------|---|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |
| Bill period is longer than 34 days | |
| Price changes within bill period | Relationship between the length of the billing period and the number of days that fall within the respective pricing periods. |

(End)

Traffic Control Intersection Lighting Service Rate Schedule TC ILS

I. Applicability

This Rate Schedule 1-TC ILS applies to electric service for pedestrian and vehicular traffic signal units, together with related control devices and associated intersection lighting where the mounting, standards, control supports, signal equipment, and luminaires are owned and maintained by the customer.

For the purposes of the following prices a "month" is considered to be a single billing period of 27 to 34 days.

II. Rate (Rate Category TS_F, TS)

System Infrastructure Fixed Charge

For metering point per month or portion thereof..... \$5.50
Plus

Electricity Usage Charge

\$/ kWh \$0.1004

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity surcharges that apply to all kWh usage.

A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

IV. Conditions of Service

1. Service shall be alternating current, at a frequency of approximately 60 hertz, single phase, at secondary voltages specified by SMUD, and at service points mutually agreed upon between the customer and SMUD.
2. Lamps for intersection lighting shall be controlled to operate from dusk to dawn each night so as to give approximately 4,000 hours of lighting service annually.
3. Where the monthly consumption of electricity is consistently small or can be predetermined with reasonable accuracy by reference to the capacity of equipment served and the hours of operation, SMUD may, with customer's consent, calculate electricity consumed in lieu of providing metering equipment (TS_F).

V. Billing

For billing periods of less than 27 days or more than 34 days, System Infrastructure Fixed Charges will be prorated on the basis of the relationship between the length of the billing period and 30 days. No proration will be made on first-time billing when the total period of service is less than 30 days.

(End)

Traffic Signal Service Rate Schedule TSS (*Closed to new customers*)

I. Applicability

This Rate Schedule 1-TSS applies to electric service for pedestrian and vehicular traffic signal units, together with related control devices where the mounting standards, control supports, and signal equipment are owned and maintained by the customer.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Rate (Rate Category SL_TSF)

Monthly Charges

For units not larger than 70 watts of connected load and not exceeding three lamps per unit,
the monthly charge **per unit** per month \$4.00

For units larger than 70 watts of connected load and not exceeding three lamps per unit,
the monthly charge **per lamp per watt** \$0.0279

The total charge per month being not less than \$4.00

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity surcharges that apply to all kWh usage.

A. **Hydro Generation Adjustment (HGA)**. Refer to Rate Schedule 1-HGA.

IV. Conditions of Service

1. Service shall be alternating current, at a frequency of approximately 60 hertz, single phase, at secondary voltages specified by SMUD.
2. No additional service will be provided by SMUD under Rate Schedule TSS. Upon notification by SMUD and installation of metering facilities, individual accounts will be transferred from Rate Schedule TSS to Rate Schedule TC ILS.

V. Billing

A. Connected Load

“Connected load” as used in this rate schedule shall be the sum of the capacities of all of the customer’s equipment that may be operated from SMUD’s lines at the same time.

B. Billing Periods of Nonstandard Length

Billing periods of nonstandard length will be billed as follows:

1. Service connected for 15 or more days during a billing period will be billed for a full month’s service.
2. Service connected for 1-14 days during a billing period will not be billed for such partial month’s service.
3. Service discontinued for 15 or more days during a billing period will not be billed for such partial month’s service.
4. Service discontinued for 1-14 days during a billing period will be billed for a full month’s service.

(End)

2020 Rates, Rules and Regulations

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Table of Contents

The following listed sheets contain all effective rates, rules and regulations affecting rates and service, and information relating thereto, in effect on and after the date indicated. All rates are applicable to the territory served by SMUD.

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Preliminary Statement

Territory Served by SMUD

SMUD supplies electric service in most of Sacramento County and in a portion of Placer County.

Description of Service

A description of service available is contained in SMUD's Rule and Regulation 2.

The service available at any particular location should be ascertained by inquiry at SMUD's Customer Services Department office at 6301 S Street, Sacramento.

Procedure to Obtain Service

Any person or corporation whose premises are within the outer boundaries of SMUD may obtain service by applying for service at the Customer Services Department office establishing credit as hereinafter set forth and complying with SMUD's rules and regulations. Where an extension of SMUD's lines is necessary or whenever unusual service requirements are determined, applicant will be informed as to the conditions under which service will be supplied.

Establishment of Credit and Deposits

After making proper application for electric service, it will be necessary for applicant to establish his credit in accordance with Rule and Regulation 6.

General

1. MEASUREMENT OF ELECTRIC ENERGY

All electric energy supplied by SMUD to its customers shall be measured by means of suitable standard electric meters, except as otherwise specifically provided in SMUD's Rules and Regulations.

2. DISCOUNTS

All rates hereinafter listed are net rates and are not subject to discount unless specifically stated in the Rates.

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule 1-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive a discount based on qualifying federal poverty level income guidelines beginning as early as the first full bill cycle in 2020. The EAPR discount will include two components:

1. A \$10 System Infrastructure Fixed Charge discount per month; and
2. An additional discount is applied as a 100% reduction in the electricity usage cost per kilowatt hour up to the maximum discount according to the following income guidelines:

| Federal Poverty Level | 2020 Maximum Electricity Usage Discount |
|-----------------------|---|
| 0-50% | \$50 |
| >50 to 100% | \$31 |
| >100 to 150% | \$15 |
| >150 to 200% | \$10 |

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet EAPR income guidelines.
 1. The primary function of the site shall be to provide a home (sleeping quarters) for low-income residents who would otherwise meet the residential EAPR guidelines defining low-income if permanently residing in a residence.
 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

V. Discount for Nonprofit Organization

All eligible non-profit organization accounts on a residential rate will receive the maximum residential discount.

Eligible commercial customers will receive discounts as follows:

Residential and General Service Energy Assistance Program Rate Schedule EAPR

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The GSN_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- C. The GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- D. The General Service rate schedules GS-TOU1, GS-TOU2, GS-TOU3 System Infrastructure Fixed Charge will receive a 15 percent discount applied each billing period.

VI. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges that apply to all kWh.

- A. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

VII. Conditions of Service

A. Application

To qualify for EAPR, the customer must complete a SMUD application and submit requested supporting documents. Applications are processed by SMUD or SMUD's designated agent.

Residential applications are available at SMUD's website, www.smud.org, or by calling SMUD customer service at 1-888-742-7683.

Nonprofit organizations must provide a copy of a valid determination or ruling letter from the Internal Revenue Service attesting to their charitable nonprofit status. Nonprofit Organization applications are available by calling SMUD customer service at 1-888-742-7683.

B. Verification

Upon request, applicants shall provide proof, satisfactory to SMUD or its designated agent, that they meet the eligibility requirements. Failure to provide proof as requested will be considered just cause for denial to enroll in EAPR. It is the customer's responsibility to immediately notify SMUD or its designated agent when eligibility requirements change to the extent that the applicant no longer qualifies for this program. Applicants served under this program may be subject to annual review and/or verification. Any intent to defraud SMUD will result in rebilling of the applicant's bill and removal from EAPR. SMUD reserves the right to take appropriate legal action as warranted.

VIII. Billing

The effective date of EAPR will be the beginning of the billing period in which the request is approved. If participation is terminated, the effective termination date will be the beginning of the billing period in which the request is received or the cancellation date. The maximum EAPR discount will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The discount may be reflected on the customer's bill with a rate-based identifier code or line item description.

(End)

2021 Rates, Rules and Regulations

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Table of Contents

The following listed sheets contain all effective rates, rules and regulations affecting rates and service, and information relating thereto, in effect on and after the date indicated. All rates are applicable to the territory served by SMUD.

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(End)