



Chief Executive Officer and General Manager's  
Report and Recommendation on

# Rates and Services

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June 17, 2021 • Volume 2

Powering forward. Together.



# Rates, Rules and Regulations Effective in 2021

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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.

# Commercial & Industrial Campus Billing Rate Schedule CB

## I. Applicability

This Rate Schedule CB is optional for Commercial & Industrial 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 CI-TOD2, CI-TOD3, or CI-TOD4.

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 Charge 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](http://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](http://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 Commercial & Industrial Time-of-Day 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.

# Commercial & Industrial 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 CI-TOD1 accounts.  
AG and CI-TOD1 can be included in a campus account, however, a campus account cannot consist of solely accounts on Agricultural service or solely on CI-TOD1 or a combination of Agricultural and CI-TOD1 cannot combine into a campus account.
- H. The campus account maintains or exceeds CI-TOD2 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 rate schedule CI-TOD2, CI-TOD3 or CI-TOD4 as defined in the applicable rate schedules 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 K, and subsection L. 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.

# Commercial & Industrial 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, Summer Super Peak Demand Charge, Summer Peak Demand Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance                | Basis for Proration   |
|-------------------------------------|---|
| Bill period is less than 27 days    | Relationship between the length of the billing period and 30 days.  |
| Bill 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 CI-TOD2 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 of 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)*

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

## I. Applicability

This Rate Schedule CI-TOD1 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 that does not exceed 299 kW for three or more consecutive months. Commercial & Industrial Time-of-Day customers include commercial and nonagricultural irrigation pumping accounts. This schedule also applies to Commercial & Industrial Time-of-Day 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. C&I Secondary 0-20 kW (rate categories GSN\_T/CITS-0)

These rates apply to Commercial & Industrial Time-of-Day 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 rate. To return to the CITS-0 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 (rate category GFN)

This rate applies to Commercial & Industrial Time-of-Day 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.

### C. C&I Secondary 21-299 kW (rate categories GSS\_T/CITS-1)

These rates apply to Commercial & Industrial Time-of-Day 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 rate unless the monthly usage is less than 7,300 kWh 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. Transition to Restructured Commercial & Industrial Time-of-Day Rates

1. The Legacy commercial rates (GSN\_T and GSS\_T) will be closed to new customers October 1, 2021.
2. Existing customers on the Legacy commercial rates will gradually transition as determined by SMUD to the new restructured Commercial & Industrial Time-of-Day rates (CITS-0 and CITS-1) beginning the first full billing cycle in October 2021.
3. Once a customer has been transitioned to the new restructured Commercial & Industrial Time-of-Day rate, they cannot return to the closed Legacy rate(s).

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

### III. Firm Service Rates

#### A. Legacy Rates (closed as of October 1, 2021)

|   | Effective as of<br>January 1, 2021 | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 |
|---|------------------------------------|------------------------------------|----------------------------------|
| <b>GSN T (closed October 1, 2021)</b>                                       |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>  |                                    |                                    |                                  |
| <b>System Infrastructure Fixed Charge per month per meter</b>               | \$22.35                            | \$22.80                            | \$23.15                          |
| <b>Electricity Usage Charge</b>   |                                    |                                    |                                  |
| All day \$/kWh  | \$0.1441                           | \$0.1470                           | \$0.1492                         |
| <b>Summer Season (June - September)</b>                                     |                                    |                                    |                                  |
| <b>System Infrastructure Fixed Charge per month per meter</b>               | \$22.35                            | n/a                                | \$23.15                          |
| <b>Electricity Usage Charge</b>   |                                    |                                    |                                  |
| On-Peak \$/kWh  | \$0.3327                           | n/a                                | \$0.3444                         |
| Off-Peak \$/kWh   | \$0.1216                           | n/a                                | \$0.1260                         |
| <b>GSS T (closed October 1, 2021)</b>                                       |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>  |                                    |                                    |                                  |
| <b>System Infrastructure Fixed Charge per month per meter</b>               | \$27.15                            | \$27.70                            | \$28.10                          |
| <b>Site Infrastructure Charge per 12 months max kW or contract capacity</b> | \$8.390                            | \$8.560                            | \$8.688                          |
| <b>Electricity Usage Charge</b>   |                                    |                                    |                                  |
| All day \$/kWh  | \$0.1131                           | \$0.1153                           | \$0.1170                         |
| <b>Summer Season (June - September)</b>                                     |                                    |                                    |                                  |
| <b>System Infrastructure Fixed Charge per month per meter</b>               | \$27.15                            | n/a                                | \$28.10                          |
| <b>Site Infrastructure Charge per 12 months max kW or contract capacity</b> | \$8.390                            | n/a                                | \$8.688                          |
| <b>Electricity Usage Charge</b>   |                                    |                                    |                                  |
| On-Peak \$/kWh  | \$0.2885                           | n/a                                | \$0.2987                         |
| Off-Peak \$/kWh   | \$0.1001                           | n/a                                | \$0.1036                         |

All customers on these rates will be transitioned to the new restructured rates as early as October 1, 2021.

#### B. GFN Rates

|   | Effective as of<br>January 1, 2021 | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|------------------------------------|----------------------------------|------------------------------------|
| <b>GFN</b>  |                                    |                                    |                                  |                                    |
| <b>All Year</b>   |                                    |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b> | \$9.95                             | \$10.15                            | \$10.30                          | \$10.50                            |
| <b>Electricity Usage Charge</b>                               |                                    |                                    |                                  |                                    |
| All day \$/kWh  | \$0.1458                           | \$0.1487                           | \$0.1509                         | \$0.1539                           |

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

## C. Restructured Commercial & Industrial Time-of-Day Rates

|   | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|----------------------------------|------------------------------------|
| <b>CITS-0: C&amp;I Secondary 0-20 kW</b>                                    |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$28.40                            | \$28.85                          | \$35.15                            |
| Maximum Demand Charge <i>\$ per monthly max kW</i>                          | \$0.000                            | \$0.000                          | \$0.000                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1430                           | \$0.1451                         | \$0.1440                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1393                           | \$0.1414                         | \$0.1364                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.1373                           | \$0.1394                         | \$0.1323                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$28.40                            | \$28.85                          | \$35.15                            |
| Maximum Demand Charge <i>\$ per monthly max kW</i>                          | \$0.000                            | \$0.000                          | \$0.000                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.2355                           | \$0.2390                         | \$0.2554                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1331                           | \$0.1351                         | \$0.1349                           |
| <b>CITS-1: C&amp;I Secondary 21-299 kW</b>                                  |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$88.05                            | \$89.35                          | \$158.30                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$7.930                            | \$8.049                          | \$7.568                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1169                           | \$0.1187                         | \$0.1230                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1136                           | \$0.1153                         | \$0.1158                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.1078                           | \$0.1094                         | \$0.1030                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$88.05                            | \$89.35                          | \$158.30                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$7.930                            | \$8.049                          | \$7.568                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$1.680                            | \$1.705                          | \$3.468                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1897                           | \$0.1925                         | \$0.1983                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1102                           | \$0.1119                         | \$0.1119                           |

*New restructured commercial rates beyond 2023 are effective as shown in Section IX. Transition Schedule.*

## IV. Electricity Usage Surcharges

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

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

## V. Rate Option Menu

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

**B. Campus Rates.** Refer to Rate Schedule CB.

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

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage 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 twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum demand is valid for 12 months or until it is exceeded by actual maximum demand.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT**

Resolution No. \_\_\_\_\_ adopted \_\_\_\_\_

Sheet No. **CI-TOD1-3**

Effective: **September 17, 2021**

Edition: **September 17, 2021**

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

## 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 connected to SMUD's electrical system; and
3. 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<br>(\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| Effective January 1, 2021   | \$7.350   | \$5.810 | \$2.940         |
| Effective October 1, 2021   | \$7.500   | \$5.920 | \$2.990         |
| Effective March 1, 2022   | \$7.562   | \$6.009 | \$3.035         |
| Effective January 1, 2023   | \$7.713   | \$6.129 | \$3.096         |

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, Maximum Demand Charge, Summer Peak Demand Charges and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

**E. Customer Energy Generation Options.** Refer to Rate Schedules NEM1 and SSR.

## F. SMUD Renewable Energy Options

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org).

## 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](http://www.smud.org).

## VI. 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.

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

## 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*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.0120 |
| Effective October 1, 2021 | \$0.0123 |
| Effective March 1, 2022   | \$0.0125 |
| Effective January 1, 2023 | \$0.0127 |

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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*

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

*Waiver Rate per excess KVAR*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.3193 |
| Effective October 1, 2021 | \$0.3257 |
| Effective March 1, 2022   | \$0.3306 |
| Effective January 1, 2023 | \$0.3372 |

## VII. Billing Periods

### A. Legacy Time-of-Use Billing Periods (closed as of October 1, 2021)

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

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

|                 |   |
|-----------------|---|
| <b>On-Peak</b>  | Summer weekdays between 3:00 p.m. and 6:00 p.m. |
| <b>Off-Peak</b> | 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              |

### B. Restructured Time-of-Day Billing Periods

1. Time-of-Day Billing Periods

|   |                |   |
|---|----------------|---|
| <b>Non-Summer<br/>October 1 -May 31</b> | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|   | Off-Peak Saver | Every day between 9:00 a.m. and 4:00 p.m., including holidays |
|   | Off-Peak       | All other hours, including holidays                           |
| <b>Summer<br/>June 1 -September 30</b>  | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|   | Off-Peak       | All other hours, including holidays                           |

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

Billing periods 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              |

## VIII. Billing

### A. Meter Data

Meter data for service rendered in accordance with this Rate Schedule 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, Summer Peak Demand Charge, Maximum Demand Charge, and Site Infrastructure Charge will be prorated as shown in the following table.

| <b>Billing Circumstance</b>         | <b>Basis for Proration</b>  |
|-------------------------------------|---|
| 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 service has been disconnected. 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)*

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD1

### IX. Transition Schedule

| Season and Charge Component                | Unit      | October 1, 2021 | March 1, 2022 | January 1, 2023 | 2024*    | 2025*    | 2026*    | 2027*    | 2028*    |
|--|-----------|-----------------|---------------|-----------------|----------|----------|----------|----------|----------|
| <b>CITS-0: C&amp;I Secondary 0-20 kW</b>   |           |                 |               |                 |          |          |          |          |          |
| System Infrastructure Fixed Charge         | per month | \$28.40         | \$28.85       | \$35.15         | \$35.65  | \$36.15  | \$36.60  | \$37.10  | \$37.60  |
| Maximum Demand Charge                      | per kW    | \$0.000         | \$0.000       | \$0.000         | \$0.694  | \$1.387  | \$2.081  | \$2.775  | \$3.468  |
| Non-Summer Peak                            | per kWh   | \$0.1430        | \$0.1451      | \$0.1440        | \$0.1407 | \$0.1374 | \$0.1341 | \$0.1307 | \$0.1274 |
| Non-Summer Off-Peak                        | per kWh   | \$0.1393        | \$0.1414      | \$0.1364        | \$0.1300 | \$0.1237 | \$0.1173 | \$0.1110 | \$0.1046 |
| Non-Summer Off-Peak Saver                  | per kWh   | \$0.1373        | \$0.1394      | \$0.1323        | \$0.1242 | \$0.1163 | \$0.1084 | \$0.1003 | \$0.0923 |
| Summer Peak                                | per kWh   | \$0.2355        | \$0.2390      | \$0.2554        | \$0.2645 | \$0.2736 | \$0.2827 | \$0.2917 | \$0.3009 |
| Summer Off-Peak                            | per kWh   | \$0.1331        | \$0.1351      | \$0.1349        | \$0.1324 | \$0.1300 | \$0.1277 | \$0.1253 | \$0.1229 |
| <b>CITS-1: C&amp;I Secondary 21-299 kW</b> |           |                 |               |                 |          |          |          |          |          |
| System Infrastructure Fixed Charge         | per month | \$88.05         | \$89.35       | \$158.30        | \$225.40 | \$292.50 | \$359.65 | \$425.25 | \$425.25 |
| Site Infrastructure Charge                 | per kW    | \$7.930         | \$8.049       | \$7.568         | \$6.916  | \$6.274  | \$5.622  | \$4.969  | \$4.969  |
| Summer Peak Demand Charge                  | per kW    | \$1.680         | \$1.705       | \$3.468         | \$5.208  | \$6.937  | \$8.676  | \$10.415 | \$10.415 |
| Non-Summer Peak                            | per kWh   | \$0.1169        | \$0.1187      | \$0.1230        | \$0.1249 | \$0.1267 | \$0.1287 | \$0.1306 | \$0.1306 |
| Non-Summer Off-Peak                        | per kWh   | \$0.1136        | \$0.1153      | \$0.1158        | \$0.1138 | \$0.1119 | \$0.1101 | \$0.1082 | \$0.1082 |
| Non-Summer Off-Peak Saver                  | per kWh   | \$0.1078        | \$0.1094      | \$0.1030        | \$0.0945 | \$0.0859 | \$0.0773 | \$0.0691 | \$0.0691 |
| Summer Peak                                | per kWh   | \$0.1897        | \$0.1925      | \$0.1983        | \$0.2001 | \$0.2020 | \$0.2039 | \$0.2057 | \$0.2057 |
| Summer Off-Peak                            | per kWh   | \$0.1102        | \$0.1119      | \$0.1119        | \$0.1099 | \$0.1079 | \$0.1058 | \$0.1038 | \$0.1038 |

\*Subject to future rate increases. Effective dates as indicated in Section II.

\*\*Restructured Time-of-Day periods apply as described in Section VII.

\*\*\*Summer prices effective October 1, 2021 are for informational purposes only and are used as the baseline for 2022.

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

## I. Applicability

This Rate Schedule CI-TOD2 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. Accounts served at the secondary service voltage level will remain on the CI-TOD2 rate schedule unless monthly maximum demand falls below 300 kW for 12 consecutive months or exceeds 499 kW for three consecutive months. Accounts served at the primary service voltage level will remain on the CI-TOD2 rate schedule unless monthly maximum demand 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. Transition to Restructured Commercial & Industrial Time-of-Day Rates

1. The Legacy commercial rates (GUS\_S and GUP\_S) will be closed to new customers October 1, 2021.
2. Existing customers on the Legacy commercial rates will gradually transition as determined by SMUD to the new restructured Commercial & Industrial Time-of-Day rates (CITS-2 and CIP-2) beginning the first full billing cycle in October 2021.
3. Once a customer has been transitioned to the new restructured Commercial & Industrial Time-of-Day rate, they cannot return to the closed Legacy rate(s).

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

## III. Firm Service Rates

### A. Legacy Rates (closed as of October 1, 2021)

|  | Effective as of<br>January 1, 2021 | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 |
|--|------------------------------------|------------------------------------|----------------------------------|
| <b>GUS S (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | \$121.85                           | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$4.200                            | \$4.280                            | \$4.344                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1154                           | \$0.1178                           | \$0.1196                         |
| Off-Peak \$/kWh  | \$0.0917                           | \$0.0935                           | \$0.0949                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | n/a                                | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$4.200                            | n/a                                | \$4.344                          |
| Summer Peak Demand Charge \$ per monthly Peak max kW                 | \$8.470                            | n/a                                | \$8.770                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.2220                           | n/a                                | \$0.2299                         |
| On-Peak \$/kWh   | \$0.1517                           | n/a                                | \$0.1570                         |
| Off-Peak \$/kWh  | \$0.1206                           | n/a                                | \$0.1248                         |
| <b>GUP S (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | \$121.85                           | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$3.770                            | \$3.840                            | \$3.898                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1089                           | \$0.1112                           | \$0.1129                         |
| Off-Peak \$/kWh  | \$0.0866                           | \$0.0884                           | \$0.0897                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | n/a                                | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$3.770                            | n/a                                | \$3.898                          |
| Summer Peak Demand Charge \$ per monthly Peak max kW                 | \$7.720                            | n/a                                | \$7.998                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.2113                           | n/a                                | \$0.2187                         |
| On-Peak \$/kWh   | \$0.1461                           | n/a                                | \$0.1512                         |
| Off-Peak \$/kWh  | \$0.1147                           | n/a                                | \$0.1188                         |

All customers on these rates will be transitioned to the new restructured rates as early as October 1, 2021.

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

## B. Restructured Commercial & Industrial Time-of-Day Rates

|   | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|----------------------------------|------------------------------------|
| <b>CITS-2: C&amp;I Secondary 300-499 kW</b>                                 |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$201.60                           | \$204.60                         | \$428.35                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$4.360                            | \$4.425                          | \$4.597                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1194                           | \$0.1212                         | \$0.1236                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0964                           | \$0.0979                         | \$0.1000                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0956                           | \$0.0970                         | \$0.0990                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$201.60                           | \$204.60                         | \$428.35                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$4.360                            | \$4.425                          | \$4.597                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$9.440                            | \$9.582                          | \$9.877                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.2153                           | \$0.2185                         | \$0.2195                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1356                           | \$0.1376                         | \$0.1333                           |
| <b>CITP-2: C&amp;I Primary 300-499 kW</b>                                   |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$154.45                           | \$156.75                         | \$204.95                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.640                            | \$3.695                          | \$3.551                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1141                           | \$0.1158                         | \$0.1249                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0924                           | \$0.0938                         | \$0.1033                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0907                           | \$0.0921                         | \$0.0939                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$154.45                           | \$156.75                         | \$204.95                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.640                            | \$3.695                          | \$3.551                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$8.690                            | \$8.820                          | \$9.401                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.2075                           | \$0.2106                         | \$0.2016                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1326                           | \$0.1346                         | \$0.1277                           |

*New restructured commercial rates beyond 2023 are effective as shown in Section IX. Transition Schedule.*

## IV. 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 HGA.

## V. Rate Option Menu

**A. Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule EAPR.

**B. Campus Billing.** Refer to Rate Schedule CB.

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

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage 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 twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum demand is valid for 12 months or until it is exceeded by actual maximum demand.

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

## 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 connected to SMUD’s electrical system; and
3. 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<br>(\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| Effective January 1, 2021   | \$7.350   | \$5.810 | \$2.940         |
| Effective October 1, 2021   | \$7.500   | \$5.920 | \$2.990         |
| Effective March 1, 2022   | \$7.562   | \$6.009 | \$3.035         |
| Effective January 1, 2023   | \$7.713   | \$6.129 | \$3.096         |

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 Demand Charge, Summer Peak Demand Charges, as well as electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

**E. Customer Energy Generation Options.** Refer to Rate Schedules NEM1 and SSR.

## F. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org).

## 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](http://www.smud.org)

## VI. 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.”

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

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*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.0120 |
| Effective October 1, 2021 | \$0.0123 |
| Effective March 1, 2022   | \$0.0125 |
| Effective January 1, 2023 | \$0.0127 |

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.3193 |
| Effective October 1, 2021 | \$0.3257 |
| Effective March 1, 2022   | \$0.3306 |
| Effective January 1, 2023 | \$0.3372 |

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

### VII. Commercial & Industrial Time-of-Day Billing Periods

#### A. Legacy Time-of-Use Billing Periods (closed as of October 1, 2021)

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

Billing periods 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              |

#### B. Restructured Time-of-Day Billing Periods

|   |                |   |
|---|----------------|---|
| <b>Non-Summer</b><br><b>October 1 -May 31</b> | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|   | Off-Peak Saver | Every day between 9:00 a.m. and 4:00 p.m., including holidays |
|   | Off-Peak       | All other hours, including holidays                           |
| <b>Summer</b><br><b>June 1 -September 30</b>  | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|   | Off-Peak       | All other hours, including holidays                           |

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

Billing periods 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              |

### VIII. 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, Summer Super Peak Demand Charge, Summer Peak Demand 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 service has been disconnected. 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)*

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD2

### IX. Transition Schedule

| Season and Charge Component                 |           | Unit | October 1, 2021 | March 1, 2022 | January 1, 2023 | 2024*    | 2025*    | 2026*      | 2027*      | 2028*      |
|---|-----------|------|-----------------|---------------|-----------------|----------|----------|------------|------------|------------|
| <b>CIIS-2: C&amp;I Secondary 300-499 kW</b> |           |      |                 |               |                 |          |          |            |            |            |
| System Infrastructure Fixed Charge          | per month |      | \$201.60        | \$204.60      | \$428.35        | \$649.65 | \$879.70 | \$1,116.60 | \$1,353.60 | \$1,588.80 |
| Site Infrastructure Charge                  | per kW    |      | \$4.360         | \$4.425       | \$4.597         | \$4.669  | \$4.742  | \$4.824    | \$4.897    | \$4.969    |
| Summer Peak Demand Charge                   | per kW    |      | \$9.440         | \$9.582       | \$9.877         | \$9.980  | \$10.094 | \$10.198   | \$10.301   | \$10.415   |
| Non-Summer Peak                             | per kWh   |      | \$0.1194        | \$0.1212      | \$0.1236        | \$0.1251 | \$0.1266 | \$0.1281   | \$0.1295   | \$0.1311   |
| Non-Summer Off-Peak                         | per kWh   |      | \$0.0964        | \$0.0979      | \$0.1000        | \$0.1015 | \$0.1029 | \$0.1044   | \$0.1059   | \$0.1074   |
| Non-Summer Off-Peak Saver                   | per kWh   |      | \$0.0956        | \$0.0970      | \$0.0990        | \$0.0933 | \$0.0873 | \$0.0812   | \$0.0752   | \$0.0691   |
| Summer Peak                                 | per kWh   |      | \$0.2153        | \$0.2185      | \$0.2195        | \$0.2186 | \$0.2177 | \$0.2168   | \$0.2158   | \$0.2148   |
| Summer Off-Peak                             | per kWh   |      | \$0.1356        | \$0.1376      | \$0.1333        | \$0.1277 | \$0.1219 | \$0.1160   | \$0.1101   | \$0.1043   |
| <b>CIIP-2: C&amp;I Primary 300-499 kW</b>   |           |      |                 |               |                 |          |          |            |            |            |
| System Infrastructure Fixed Charge          | per month |      | \$154.45        | \$156.75      | \$204.95        | \$249.95 | \$297.30 | \$297.30   | \$297.30   | \$297.30   |
| Site Infrastructure Charge                  | per kW    |      | \$3.640         | \$3.695       | \$3.551         | \$3.344  | \$3.127  | \$3.127    | \$3.127    | \$3.127    |
| Summer Peak Demand Charge                   | per kW    |      | \$8.690         | \$8.820       | \$9.401         | \$9.804  | \$10.218 | \$10.218   | \$10.218   | \$10.218   |
| Non-Summer Peak                             | per kWh   |      | \$0.1141        | \$0.1158      | \$0.1249        | \$0.1333 | \$0.1434 | \$0.1434   | \$0.1434   | \$0.1434   |
| Non-Summer Off-Peak                         | per kWh   |      | \$0.0924        | \$0.0938      | \$0.1033        | \$0.1125 | \$0.1235 | \$0.1235   | \$0.1235   | \$0.1235   |
| Non-Summer Off-Peak Saver                   | per kWh   |      | \$0.0907        | \$0.0921      | \$0.0939        | \$0.0869 | \$0.0784 | \$0.0784   | \$0.0784   | \$0.0784   |
| Summer Peak                                 | per kWh   |      | \$0.2075        | \$0.2106      | \$0.2016        | \$0.1918 | \$0.1805 | \$0.1805   | \$0.1805   | \$0.1805   |
| Summer Off-Peak                             | per kWh   |      | \$0.1326        | \$0.1346      | \$0.1277        | \$0.1201 | \$0.1113 | \$0.1113   | \$0.1113   | \$0.1113   |

\*Subject to future rate increases. Effective dates as indicated in Section II.

\*\*Restructured Time-of-Day periods apply as described in Section VII.

\*\*\*Summer prices effective October 1, 2021 are for informational purposes only and are used as the baseline for 2022.

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

## I. Applicability

This Rate Schedule CI-TOD3 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. Transition to Restructured Commercial & Industrial Time-of-Day Rates

1. The Legacy commercial rates (GUS\_M, GUP\_M and GUT\_M) will be closed to new customers October 1, 2021.
2. Existing customers on the Legacy commercial rates will gradually transition as determined by SMUD to the new restructured Commercial & Industrial Time-of-Day rates (CITS-3, CITP-3, and CITT-3) beginning the first full billing cycle in October 2021.
3. Once a customer has been transitioned to the new restructured Commercial & Industrial Time-of-Day rate, they cannot return to the closed Legacy rate(s).

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

### III. Firm Service Rates

#### A. Legacy Rates (closed as of October 1, 2021)

|  | Effective as of<br>January 1, 2021 | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 |
|--|------------------------------------|------------------------------------|----------------------------------|
| <b>GUS_M (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | \$121.85                           | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$3.160                            | \$3.220                            | \$3.268                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1138                           | \$0.1161                           | \$0.1178                         |
| Off-Peak \$/kWh  | \$0.0900                           | \$0.0918                           | \$0.0932                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | n/a                                | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$3.160                            | n/a                                | \$3.268                          |
| Summer Peak Demand Charge \$ per monthly Peak max kW                 | \$7.710                            | n/a                                | \$7.998                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.2156                           | n/a                                | \$0.2233                         |
| On-Peak \$/kWh   | \$0.1485                           | n/a                                | \$0.1538                         |
| Off-Peak \$/kWh  | \$0.1144                           | n/a                                | \$0.1183                         |
| <b>GUP_M (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | \$121.85                           | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$2.790                            | \$2.850                            | \$2.893                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1076                           | \$0.1097                           | \$0.1113                         |
| Off-Peak \$/kWh  | \$0.0853                           | \$0.0870                           | \$0.0883                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | n/a                                | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$2.790                            | n/a                                | \$2.893                          |
| Summer Peak Demand Charge \$ per monthly Peak max kW                 | \$7.110                            | n/a                                | \$7.359                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.2053                           | n/a                                | \$0.2125                         |
| On-Peak \$/kWh   | \$0.1432                           | n/a                                | \$0.1482                         |
| Off-Peak \$/kWh  | \$0.1088                           | n/a                                | \$0.1126                         |
| <b>GUT_M (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$316.40                           | \$322.70                           | \$327.55                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$2.290                            | \$2.340                            | \$2.375                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1037                           | \$0.1058                           | \$0.1074                         |
| Off-Peak \$/kWh  | \$0.0835                           | \$0.0851                           | \$0.0864                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$316.40                           | n/a                                | \$327.55                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$2.290                            | n/a                                | \$2.375                          |
| Summer Peak Demand Charge \$ per monthly Peak max kW                 | \$0.000                            | n/a                                | \$0.000                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.1994                           | n/a                                | \$0.2063                         |
| On-Peak \$/kWh   | \$0.1341                           | n/a                                | \$0.1389                         |
| Off-Peak \$/kWh  | \$0.1071                           | n/a                                | \$0.1109                         |

*All customers on these rates will be transitioned to the new restructured rates as early as October 1, 2021.*

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

## B. Restructured Commercial Industrial Time-of-Day Rates

|   | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|----------------------------------|------------------------------------|
| <b>CITS-3: C&amp;I Secondary 500-999 kW</b>                                 |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$278.60                           | \$282.80                         | \$781.65                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.610                            | \$3.664                          | \$4.152                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1183                           | \$0.1201                         | \$0.1225                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0958                           | \$0.0972                         | \$0.0992                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0919                           | \$0.0933                         | \$0.0906                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$278.60                           | \$282.80                         | \$781.65                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.610                            | \$3.664                          | \$4.152                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$9.070                            | \$9.206                          | \$9.732                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.2071                           | \$0.2102                         | \$0.2111                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1262                           | \$0.1281                         | \$0.1212                           |
| <b>CITP-3: C&amp;I Primary 500-999 kW</b>                                   |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$287.15                           | \$291.45                         | \$297.30                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.020                            | \$3.065                          | \$3.127                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1269                           | \$0.1288                         | \$0.1314                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1102                           | \$0.1119                         | \$0.1141                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0702                           | \$0.0712                         | \$0.0727                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$287.15                           | \$291.45                         | \$297.30                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.020                            | \$3.065                          | \$3.127                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$9.870                            | \$10.018                         | \$10.218                           |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.2058                           | \$0.2089                         | \$0.2131                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1047                           | \$0.1063                         | \$0.1084                           |
| <b>CITT-3: C&amp;I Subtransmission 500-999 kW</b>                           |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$1,195.45                         | \$1,213.40                       | \$1,237.65                         |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.310                            | \$3.360                          | \$3.427                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1099                           | \$0.1115                         | \$0.1138                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0918                           | \$0.0932                         | \$0.0950                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0597                           | \$0.0606                         | \$0.0618                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$1,195.45                         | \$1,213.40                       | \$1,237.65                         |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.310                            | \$3.360                          | \$3.427                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$9.620                            | \$9.764                          | \$9.960                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1848                           | \$0.1876                         | \$0.1913                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0890                           | \$0.0903                         | \$0.0922                           |

*New restructured commercial rates beyond 2023 are effective as shown in Section IX. Transition Schedule.*

## IV. Electricity Usage Surcharges

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

**SACRAMENTO MUNICIPAL UTILITY DISTRICT**  
Resolution No. \_\_\_\_\_ adopted \_\_\_\_\_

Sheet No. **CI-TOD3-3**  
Effective: **September 17, 2021**  
Edition: **September 17, 2021**

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

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

## V. Rate Option Menu

**A. Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule EAPR.

**B. Campus Billing.** Refer to Rate Schedule CB.

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

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage 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 twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum 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 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 connected to SMUD’s electrical system; and
3. 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<br>(\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| Effective January 1, 2021   | \$7.350   | \$5.810 | \$2.940         |
| Effective October 1, 2021   | \$7.500   | \$5.920 | \$2.990         |
| Effective March 1, 2022   | \$7.562   | \$6.009 | \$3.035         |
| Effective January 1, 2023   | \$7.713   | \$6.129 | \$3.096         |

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 Demand Charge, Summer Peak Demand Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

**E. Customer Energy Generation Options.** Refer to Rate Schedules NEM1 and SSR.

**F. SMUD Renewable Energy Option**

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org).

**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](http://www.smud.org).

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

## VI. 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 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*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.0120 |
| Effective October 1, 2021 | \$0.0123 |
| Effective March 1, 2022   | \$0.0125 |
| Effective January 1, 2023 | \$0.0127 |

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. The waiver amount per month is calculated:

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

**Excess KVAR x Waiver Rate**

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

*Waiver Rate per excess KVAR*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.3193 |
| Effective October 1, 2021 | \$0.3257 |
| Effective March 1, 2022   | \$0.3306 |
| Effective January 1, 2023 | \$0.3372 |

### VII. Commercial Industrial Time-of-Day Billing Periods

#### A. Legacy Time-of-Use Billing Periods (closed as of October 1, 2021)

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

Billing periods 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              |

#### B. Restructured Time-of-Day Billing Periods

|   |                |   |
|---|----------------|---|
| <b>Non-Summer</b><br><b>October 1 -May 31</b> | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|   | Off-Peak Saver | Every day between 9:00 a.m. and 4:00 p.m., including holidays |
|   | Off-Peak       | All other hours, including holidays                           |
| <b>Summer</b><br><b>June 1 -September 30</b>  | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|   | Off-Peak       | All other hours, including holidays                           |

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

Billing periods 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              |

## VIII. 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, Summer Super Peak Demand Charge, Summer Peak Demand 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 service has been disconnected. 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)*

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD3

## IX. Transition Schedule

| Season and Charge Component                       | Unit      | October 1, 2021 | March 1, 2022 | January 1, 2023 | 2024*      | 2025*      |
|---|-----------|-----------------|---------------|-----------------|------------|------------|
| <b>CITS-3: C&amp;I Secondary 500-999 kW</b>       |           |                 |               |                 |            |            |
| System Infrastructure Fixed Charge                | per month | \$278.60        | \$282.80      | \$781.65        | \$1,440.30 | \$2,098.90 |
| Site Infrastructure Charge                        | per kW    | \$3.610         | \$3.664       | \$4.152         | \$4.566    | \$4.969    |
| Summer Peak Demand Charge                         | per kW    | \$9.070         | \$9.206       | \$9.732         | \$10.073   | \$10.415   |
| Non-Summer Peak                                   | per kWh   | \$0.1183        | \$0.1201      | \$0.1225        | \$0.1241   | \$0.1261   |
| Non-Summer Off-Peak                               | per kWh   | \$0.0958        | \$0.0972      | \$0.0992        | \$0.1017   | \$0.1040   |
| Non-Summer Off-Peak Saver                         | per kWh   | \$0.0919        | \$0.0933      | \$0.0906        | \$0.0788   | \$0.0673   |
| Summer Peak                                       | per kWh   | \$0.2071        | \$0.2102      | \$0.2111        | \$0.2084   | \$0.2058   |
| Summer Off-Peak                                   | per kWh   | \$0.1262        | \$0.1281      | \$0.1212        | \$0.1108   | \$0.1003   |
| <b>CITP-3: C&amp;I Primary 500-999 kW</b>         |           |                 |               |                 |            |            |
| System Infrastructure Fixed Charge                | per month | \$287.15        | \$291.45      | \$297.30        | \$297.30   | \$297.30   |
| Site Infrastructure Charge                        | per kW    | \$3.020         | \$3.065       | \$3.127         | \$3.127    | \$3.127    |
| Summer Peak Demand Charge                         | per kW    | \$9.870         | \$10.018      | \$10.218        | \$10.218   | \$10.218   |
| Non-Summer Peak                                   | per kWh   | \$0.1269        | \$0.1288      | \$0.1314        | \$0.1314   | \$0.1314   |
| Non-Summer Off-Peak                               | per kWh   | \$0.1102        | \$0.1119      | \$0.1141        | \$0.1141   | \$0.1141   |
| Non-Summer Off-Peak Saver                         | per kWh   | \$0.0702        | \$0.0712      | \$0.0727        | \$0.0727   | \$0.0727   |
| Summer Peak                                       | per kWh   | \$0.2058        | \$0.2089      | \$0.2131        | \$0.2131   | \$0.2131   |
| Summer Off-Peak                                   | per kWh   | \$0.1047        | \$0.1063      | \$0.1084        | \$0.1084   | \$0.1084   |
| <b>CITT-3: C&amp;I Subtransmission 500-999 kW</b> |           |                 |               |                 |            |            |
| System Infrastructure Fixed Charge                | per month | \$1,195.45      | \$1,213.40    | \$1,237.65      | \$1,237.65 | \$1,237.65 |
| Site Infrastructure Charge                        | per kW    | \$3.310         | \$3.360       | \$3.427         | \$3.427    | \$3.427    |
| Summer Peak Demand Charge                         | per kW    | \$9.620         | \$9.764       | \$9.960         | \$9.960    | \$9.960    |
| Non-Summer Peak                                   | per kWh   | \$0.1099        | \$0.1115      | \$0.1138        | \$0.1138   | \$0.1138   |
| Non-Summer Off-Peak                               | per kWh   | \$0.0918        | \$0.0932      | \$0.0950        | \$0.0950   | \$0.0950   |
| Non-Summer Off-Peak Saver                         | per kWh   | \$0.0597        | \$0.0606      | \$0.0618        | \$0.0618   | \$0.0618   |
| Summer Peak                                       | per kWh   | \$0.1848        | \$0.1876      | \$0.1913        | \$0.1913   | \$0.1913   |
| Summer Off-Peak                                   | per kWh   | \$0.0890        | \$0.0903      | \$0.0922        | \$0.0921   | \$0.0921   |

\*Subject to future rate increases. Effective dates as indicated in Section II.

\*\*Restructured Time-of-Day periods apply as described in Section VII.

\*\*\*Summer prices effective October 1, 2021 are for informational purposes only and are used as the baseline for 2022.

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

## I. Applicability

This Rate Schedule CI-TOD4 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. Transition to Restructured Commercial & Industrial Time-of-Day Rates

1. The Legacy commercial rates (GUS\_L, GUP\_L, GUT\_L) will be closed to new customers October 1, 2021.
2. Existing customers on the Legacy commercial rates will gradually transition as determined by SMUD to the new restructured Commercial & Industrial Time-of-Day rates (CITS-4, CITP-4, and CITT-4) beginning the first full billing cycle in October 2021.
3. Once a customer has been transitioned to the new restructured Commercial & Industrial Time-of-Day rate, they cannot return to the closed Legacy rate(s).

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

## III. Firm Service Rates

### A. Legacy Rates (closed as of October 1, 2021)

|  | Effective as of<br>January 1, 2021 | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 |
|--|------------------------------------|------------------------------------|----------------------------------|
| <b>GUS_L (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | \$121.85                           | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$4.450                            | \$4.540                            | \$4.608                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1194                           | \$0.1218                           | \$0.1236                         |
| Off-Peak \$/kWh  | \$0.0946                           | \$0.0965                           | \$0.0979                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | n/a                                | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$4.450                            | n/a                                | \$4.608                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.1860                           | n/a                                | \$0.1925                         |
| On-Peak \$/kWh   | \$0.1484                           | n/a                                | \$0.1537                         |
| Off-Peak \$/kWh  | \$0.1187                           | n/a                                | \$0.1229                         |
| <b>GUP_L (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | \$121.85                           | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$4.270                            | \$4.350                            | \$4.415                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1136                           | \$0.1159                           | \$0.1176                         |
| Off-Peak \$/kWh  | \$0.0885                           | \$0.0903                           | \$0.0917                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$119.45                           | n/a                                | \$123.70                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$4.270                            | n/a                                | \$4.415                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.1533                           | n/a                                | \$0.1587                         |
| On-Peak \$/kWh   | \$0.1395                           | n/a                                | \$0.1444                         |
| Off-Peak \$/kWh  | \$0.1083                           | n/a                                | \$0.1122                         |
| <b>GUT_L (closed October 1, 2021)</b>                                |                                    |                                    |                                  |
| <b>Winter Season (January - May)</b>                                 |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$316.40                           | \$322.70                           | \$327.55                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$3.400                            | \$3.460                            | \$3.512                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| On-Peak \$/kWh   | \$0.1095                           | \$0.1117                           | \$0.1134                         |
| Off-Peak \$/kWh  | \$0.0865                           | \$0.0882                           | \$0.0895                         |
| <b>Summer Season (June - September)</b>                              |                                    |                                    |                                  |
| System Infrastructure Fixed Charge per month per meter               | \$316.40                           | n/a                                | \$327.55                         |
| Site Infrastructure Charge per 12 months max kW or contract capacity | \$3.400                            | n/a                                | \$3.512                          |
| <b>Electricity Usage Charge</b>                                      |                                    |                                    |                                  |
| Super-Peak \$/kWh  | \$0.1489                           | n/a                                | \$0.1541                         |
| On-Peak \$/kWh   | \$0.1309                           | n/a                                | \$0.1355                         |
| Off-Peak \$/kWh  | \$0.1068                           | n/a                                | \$0.1105                         |

*All customers on these rates will be transitioned to the new restructured rates as early as October 1, 2021.*

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

## B. Restructured Commercial Industrial Time-of-Day Rates

|   | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|----------------------------------|------------------------------------|
| <b>CITS-4: C&amp;I Secondary 1000+ kW</b>                                   |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$1,181.05                         | \$1,198.75                       | \$2,319.35                         |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$4.630                            | \$4.699                          | \$4.876                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1230                           | \$0.1248                         | \$0.1284                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0996                           | \$0.1011                         | \$0.1048                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0939                           | \$0.0953                         | \$0.0833                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$1,181.05                         | \$1,198.75                       | \$2,319.35                         |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$4.630                            | \$4.699                          | \$4.876                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$3.350                            | \$3.400                          | \$6.937                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1905                           | \$0.1934                         | \$0.2048                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1208                           | \$0.1226                         | \$0.1143                           |
| <b>CITP-4: C&amp;I Primary 1000+ kW</b>                                     |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$204.50                           | \$207.55                         | \$297.30                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$4.300                            | \$4.365                          | \$4.400                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1205                           | \$0.1223                         | \$0.1295                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0965                           | \$0.0979                         | \$0.1051                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0832                           | \$0.0845                         | \$0.0679                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$204.50                           | \$207.55                         | \$297.30                           |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$4.300                            | \$4.365                          | \$4.400                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$4.930                            | \$5.004                          | \$10.218                           |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1733                           | \$0.1759                         | \$0.1997                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1078                           | \$0.1094                         | \$0.1014                           |
| <b>CITT-4: C&amp;I Subtransmission 1000+ kW</b>                             |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                    |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$1,081.85                         | \$1,098.10                       | \$1,178.85                         |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.410                            | \$3.461                          | \$3.479                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1155                           | \$0.1173                         | \$0.1228                           |
| Off-Peak <i>\$/kWh</i>  | \$0.0933                           | \$0.0947                         | \$0.0998                           |
| Off-Peak Saver <i>\$/kWh</i>  | \$0.0854                           | \$0.0867                         | \$0.0774                           |
| <b>Summer Season (June - September)</b>                                     |                                    |                                  |                                    |
| System Infrastructure Fixed Charge <i>per month per meter</i>               | \$1,081.85                         | \$1,098.10                       | \$1,178.85                         |
| Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i> | \$3.410                            | \$3.461                          | \$3.479                            |
| Summer Peak Demand Charge <i>\$ per monthly Peak max kW</i>                 | \$3.210                            | \$3.258                          | \$6.636                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>  | \$0.1568                           | \$0.1592                         | \$0.1699                           |
| Off-Peak <i>\$/kWh</i>  | \$0.1074                           | \$0.1090                         | \$0.1050                           |

*New restructured commercial rates beyond 2023 are effective as shown in Section IX. Transition Schedule.*

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

## IV. 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 HGA.

## V. Rate Option Menu

**A. Energy Assistance Program Rate (EAPR) for Nonprofit Agencies.** Refer to Rate Schedule EAPR.

**B. Campus Billing.** Refer to Rate Schedule CB.

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

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage 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 twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum 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 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 connected to SMUD's electrical system; and
3. 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<br>(\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| Effective January 1, 2021   | \$7.350   | \$5.810 | \$2.940         |
| Effective October 1, 2021   | \$7.500   | \$5.920 | \$2.990         |
| Effective March 1, 2022   | \$7.562   | \$6.009 | \$3.035         |
| Effective January 1, 2023   | \$7.713   | \$6.129 | \$3.096         |

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 Demand Charge, Summer Peak Demand Charges, and electricity usage charges for SMUD-provided power.

The Generator Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

**E. Customer Energy Generation Options.** Refer to Rate Schedules NEM1 and SSR.

### F. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org).

### 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](http://www.smud.org).

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

## VI. 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*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.0120 |
| Effective October 1, 2021 | \$0.0123 |
| Effective March 1, 2022   | \$0.0125 |
| Effective January 1, 2023 | \$0.0127 |

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. The waiver amount per month is calculated:

## Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

### Excess KVAR x Waiver Rate

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

*Waiver Rate per excess KVAR*

|                           |          |
|---------------------------|----------|
| Effective January 1, 2021 | \$0.3193 |
| Effective October 1, 2021 | \$0.3257 |
| Effective March 1, 2022   | \$0.3306 |
| Effective January 1, 2023 | \$0.3372 |

## VII. Commercial Industrial Time-of-Day Billing Periods

### A. Legacy Time-of-Use Billing Periods (closed as of October 1, 2021)

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

Billing periods 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              |

### B. Restructured Time-of-Day Billing Periods

|  |                |   |
|--|----------------|---|
| <b>Non-Summer</b><br>October 1 -May 31 | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|  | Off-Peak Saver | Every day between 9:00 a.m. and 4:00 p.m., including holidays |
|  | Off-Peak       | All other hours, including holidays                           |
| <b>Summer</b><br>June 1 -September 30  | Peak           | Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays  |
|  | Off-Peak       | All other hours, including holidays                           |

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

Billing periods 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              |

## VIII. 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, Summer Super Peak Demand Charge, Summer Peak Demand Charge and Site Infrastructure Charge will be prorated as shown in the following table.

| Billing Circumstance                | Basis for Proration   |
|-------------------------------------|---|
| Bill period is less than 27 days    | Relationship between the length of the billing period and 30 days.  |
| Bill 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 service has been disconnected. 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)*

# Commercial & Industrial Time-of-Day Rate Schedule CI-TOD4

## IX. Transition Schedule

| Season and Charge Component                     | Unit      | October 1, 2021 | March 1, 2022 | January 1, 2023 | 2024*      |
|---|-----------|-----------------|---------------|-----------------|------------|
| <b>CITS-4: C&amp;I Secondary 1000+ kW</b>       |           |                 |               |                 |            |
| System Infrastructure Fixed Charge              | per month | \$1,181.05      | \$1,198.75    | \$2,319.35      | \$3,496.60 |
| Site Infrastructure Charge                      | per kW    | \$4.630         | \$4.699       | \$4.876         | \$4.969    |
| Summer Peak Demand Charge                       | per kW    | \$3.350         | \$3.400       | \$6.937         | \$10.415   |
| Non-Summer Peak                                 | per kWh   | \$0.1230        | \$0.1248      | \$0.1284        | \$0.1294   |
| Non-Summer Off-Peak                             | per kWh   | \$0.0996        | \$0.1011      | \$0.1048        | \$0.1064   |
| Non-Summer Off-Peak Saver                       | per kWh   | \$0.0939        | \$0.0953      | \$0.0833        | \$0.0686   |
| Summer Peak                                     | per kWh   | \$0.1905        | \$0.1934      | \$0.2048        | \$0.2124   |
| Summer Off-Peak                                 | per kWh   | \$0.1208        | \$0.1226      | \$0.1143        | \$0.1033   |
| <b>CITP-4: C&amp;I Primary 1000+ kW</b>         |           |                 |               |                 |            |
| System Infrastructure Fixed Charge              | per month | \$204.50        | \$207.55      | \$297.30        | \$297.30   |
| Site Infrastructure Charge                      | per kW    | \$4.300         | \$4.365       | \$4.400         | \$4.400    |
| Summer Peak Demand Charge                       | per kW    | \$4.930         | \$5.004       | \$10.218        | \$10.218   |
| Non-Summer Peak                                 | per kWh   | \$0.1205        | \$0.1223      | \$0.1295        | \$0.1295   |
| Non-Summer Off-Peak                             | per kWh   | \$0.0965        | \$0.0979      | \$0.1051        | \$0.1051   |
| Non-Summer Off-Peak Saver                       | per kWh   | \$0.0832        | \$0.0845      | \$0.0679        | \$0.0678   |
| Summer Peak                                     | per kWh   | \$0.1733        | \$0.1759      | \$0.1997        | \$0.1997   |
| Summer Off-Peak                                 | per kWh   | \$0.1078        | \$0.1094      | \$0.1014        | \$0.1014   |
| <b>CITT-4: C&amp;I Subtransmission 1000+ kW</b> |           |                 |               |                 |            |
| System Infrastructure Fixed Charge              | per month | \$1,081.85      | \$1,098.10    | \$1,178.85      | \$1,237.65 |
| Site Infrastructure Charge                      | per kW    | \$3.410         | \$3.461       | \$3.479         | \$3.427    |
| Summer Peak Demand Charge                       | per kW    | \$3.210         | \$3.258       | \$6.636         | \$9.960    |
| Non-Summer Peak                                 | per kWh   | \$0.1155        | \$0.1173      | \$0.1228        | \$0.1260   |
| Non-Summer Off-Peak                             | per kWh   | \$0.0933        | \$0.0947      | \$0.0998        | \$0.1030   |
| Non-Summer Off-Peak Saver                       | per kWh   | \$0.0854        | \$0.0867      | \$0.0774        | \$0.0666   |
| Summer Peak                                     | per kWh   | \$0.1568        | \$0.1592      | \$0.1699        | \$0.1775   |
| Summer Off-Peak                                 | per kWh   | \$0.1074        | \$0.1090      | \$0.1050        | \$0.0987   |

\*Subject to future rate increases. Effective dates as indicated in Section II.

\*\*Restructured Time-of-Day periods apply as described in Section VII.

\*\*\*Summer prices effective October 1, 2021 are for informational purposes only and are used as the baseline for 2022.

# Residential and Commercial & Industrial Energy Assistance Program Rate Schedule EAPR

## I. Applicability

This Rate Schedule EAPR applies to customers receiving service under residential or Commercial & Industrial 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 2021. 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 | 2021 Maximum Electricity Usage Discount |
|-----------------------|---|
| 0-50%                 | \$60                                    |
| >50 to 100%           | \$32                                    |
| >100 to 150%          | \$10                                    |
| >150 to 200%          | \$0                                     |

## 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

All eligible non-profit organization accounts on a residential rate will receive the maximum residential discount.

# Residential and Commercial & Industrial Energy Assistance Program Rate Schedule EAPR

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), Maximum Demand Charge (kW), Site Infrastructure Charge (kW), Summer Super Peak Demand Charge (kW), and Summer Peak Demand Charge (kW) each billing period.
- B. The Commercial & Industrial rate schedule CI-TOD1 System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- C. The Commercial & Industrial rate schedules CI-TOD2, CI-TOD3, and CI-TOD4 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](http://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 electricity usage 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. The monthly System Infrastructure Fixed Charge discount will be prorated for bill periods shorter than 27 days as shown in the table below.

| Billing Circumstance                | Basis for Proration  |
|-------------------------------------|--|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |

*(End)*

# Economic Development Rate Schedule EDR

## I. Applicability

This Rate Schedule EDR is available to qualifying commercial customers locating, expanding, or retaining business in SMUD’s service territory with a maximum demand of at least 300 kW on a single meter that meet all eligible criteria.

## II. Eligibility

- A. Eligible customers are those taking service under Rate Schedules CI-TOD2, CI-TOD3 or CI-TOD4.
- B. Third party verification by a leading Sacramento area economic development organization will validate the legitimacy of the attraction, retention or expansion effort. The following criteria may be considered in the decision process:
  - 1. Alternative locations under consideration (within and outside of California)
  - 2. Workforce requirements
  - 3. Other tax or cash incentives
  - 4. Logistical requirements
  - 5. Infrastructure or site improvement costs
  - 6. Timeline for creating new load and jobs

## III. Pricing Structures

- A. Eligible customers have two options (either Option A or B) to receive a reduction of the System Infrastructure Fixed Charge, Site Infrastructure Charge, Summer Super Peak Demand Charge, Summer Peak Demand Charge and electricity usage charges on their bill, based on the table below.

| <i>Economic Development Discount</i> |        |        |        |        |        |        |        |        |        |         |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
|                                      | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
| Option A                             | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 5.0%   | 4.0%   | 3.0%   | 2.0%   | 1.0%    |
| Option B                             | 4.5%   | 4.5%   | 4.5%   | 4.5%   | 4.5%   | 4.5%   | 4.5%   | 4.5%   | 4.5%   | 4.5%    |

- B. Eligible customers locating in areas of high unemployment and poverty as determined by the Disadvantaged Community designation under the California Office of Environmental Health and Hazard Assessment have two options (either Option C or D) to receive a reduction of the System Infrastructure Fixed Charge, Site Infrastructure Charge, Summer Super Peak Demand Charge, Summer Peak Demand Charge and electricity usage charges on their bill, based on the table below.

| <i>Disadvantaged Communities Economic Development Discount</i> |        |        |        |        |        |        |        |        |        |         |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
|  | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
| Option C   | 8.0%   | 8.0%   | 8.0%   | 8.0%   | 8.0%   | 6.5%   | 5.0%   | 3.5%   | 2.0%   | 0.5%    |
| Option D   | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 6.0%   | 6.0%    |

## IV. Conditions of Service

- A. Customers must execute an Economic Development Rate (EDR) Option Agreement for ten years commencing on the agreement effective date.

## Economic Development Rate Schedule EDR

- B.** New customers must apply for the EDR option prior to commencement of service with SMUD. Temporary service is not eligible for the EDR option. Applicants will have 12 months from the agreement date to reach the maximum demand of at least 300 kW load requirement. The effective start date for the EDR for new customers is the first billing period after three consecutive months with a maximum demand of at least 300 kW.
- C.** Existing customers must apply for the EDR option prior to the installation of new load with only additional load qualifying for the EDR. Existing customers specify in the Economic Development Rate Option Agreement the date when the new load will be added. The effective start date of the EDR is the first billing period following the specified date of load addition.
- D.** Retention customers will require the execution of a certificate by a company executive and/or owner certifying that the company is exploring other locations and electricity costs are a factor in its decision to do business in a location. The certification requires review and verification by a senior executive of a leading Sacramento area economic development organization. Retention customers specify in the Economic Development Rate Option Agreement the date when the existing load will be retained with only the portion of load deemed likely to relocate or cease operations qualifying for the EDR. The effective start date is the first billing period with the EDR following the specified date of the retained load.

*(End)*

# Net Energy Metering Rate Schedule NEM1

## I. Applicability

This Rate Schedule NEM1 applies to residential, commercial/industrial, and agricultural customers who established service at their premises prior to January 1, 2022 and have an electrical generation facility on their premises that is fueled by a renewable fuel source which had an application for interconnection approved by SMUD prior to January 1, 2022.

In the event that the Solar and Storage Rate is not available on January 1, 2022 due to implementation delays, this Rate Schedule NEM1 would temporarily apply to those customers on Rate Schedule SSR who establish service, move out/in, or transfer service at a premises that have an electrical generation facility that is fueled by a renewable fuel source on or after January 1, 2022 or have an electrical generation facility on their premises that is fueled by a renewable fuel source which was approved for interconnection by SMUD on or after January 1, 2022, that are subject to the transition period described under Section II. Transitional Conditions. These customers will be transitioned to Rate Schedule SSR as soon as technically feasible.

This Rate Schedule NEM1 will be closed to new customers as of January 1, 2022, except for those customers that are subject to the transition period described under Section II. Transitional Conditions of Rate Schedule SSR.

All NEM1 Customers will be transitioned to Rate Schedule SSR as early as January 1, 2031, as technically feasible. At that point, all residential customers must also be on Rate Schedule R-TOD. Once all customers have been transitioned, this Rate Schedule NEM1 will be eliminated.

Once a customer is enrolled in Rate Schedule SSR, they cannot return to this Rate Schedule NEM1.

A renewable electrical generation facility is a facility that is eligible for certification as a renewable energy resource as defined by the California Energy Resources Conservation and Development Commission (CEC).<sup>1</sup> These facilities include, but may not be limited to, generators fueled by:

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

Small hydroelectric generation facilities will not qualify for this 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.

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

# Net Energy Metering Rate Schedule NEM1

## 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 customer has not received storage incentives under a qualifying SMUD program; and
7. The facility does not increase in size more than 10% of the generating capacity originally approved, or 1 kW, whichever is greater, and does not exceed 110% of the generating capacity originally approved, based on the CEC-AC rating at the initial date of approval; and
8. The customer has not submitted a revised or new interconnection application for entire system replacement; and
9. 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.*

## IV. Metering

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.

## 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, Summer Super Peak Demand Charge, Summer Peak Demand Charge, program fees, surcharges and taxes.
- B. Residential, Commercial Industrial customers on rate schedule CI-TOD 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.

# Net Energy Metering Rate Schedule NEM1

## 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.
5. The value will be published on SMUD's website, [www.smud.org](http://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. Residential Rate Requirement

Residential customers who have an eligible renewable electrical generation facility on their premises that was approved by SMUD for installation, or who move-in or transfer service to a premises with an eligible renewable electrical generation facility on or after January 1, 2018 must also be on Rate Schedule R-TOD.

*(End)*

# Renewable Energy Bill Credit Rate Schedule RBC

## I. Applicability

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

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

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

## II. Conditions of Service

### A. General Eligibility Requirements

The following are requirements for eligibility under this Rate Schedule:

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

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

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

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

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

# Renewable Energy Bill Credit Rate Schedule RBC

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

## C. Generator Account

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

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

## D. Benefiting Account

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

## III. Renewable Energy

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

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

## IV. Crediting of Renewable Energy

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

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

## V. Metering

### A. Metering Requirement for the Generator Account

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

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

# Renewable Energy Bill Credit Rate Schedule RBC

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

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

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

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

## **VI. Special Billing Conditions**

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

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

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

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

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

Customers taking service on this Rate Schedule are not eligible to take service on Rate Schedules NEM1 or SSR.

*(End)*

# Temporary Service Rule and Regulation 13

## I. Conditions for Temporary Service

SMUD will furnish temporary service to operations of a speculative nature or questionable permanency if the applicant for temporary service:

1. Pays to SMUD, in advance or as SMUD may direct, the estimated cost to SMUD of installing and removing all facilities specifically required for such temporary service; and
2. Establishes credit pursuant to Rule and Regulation 6.

SMUD reserves the right to charge a temporary service customer for any additional construction work needed solely for the continuation of temporary service, or to refuse service if such service would, in SMUD's judgment, prove a hardship or hazard to it or its customers.

There shall be no connection of customer-owned generation facilities under this rule.

## II. Refund of Temporary Charges

Within three years of the date when service was first delivered, service will be considered permanent and payments made in excess of delinquent meter and service charges shall be refunded without interest when a customer served under this rule has requested a refund of temporary charges, and has:

1. Installed sewer, water, and foundation; or
2. Operated the same or greater electrical load originally installed for a period of 36 consecutive months from the date when service was first delivered under this rule.

*(End)*

# Rates, Rules and Regulations Effective in 2022

## 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.

# Agricultural Service Rate Schedule AG

## I. Applicability

This Rate Schedule 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.

|  | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|------------------------------------|----------------------------------|------------------------------------|
| <b>ASN</b>   |                                    |                                  |                                    |
| <b>Winter Season</b> (November - April)                              |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | \$12.40                            | \$12.60                          | \$12.85                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| <i>All day \$/kWh</i>  | \$0.1378                           | \$0.1398                         | \$0.1428                           |
| <b>Summer Season</b> (May - October)                                 |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | n/a                                | \$12.60                          | \$12.85                            |
| <b>Electricity Usage Charge</b>                                      | n/a                                |                                  |                                    |
| <i>All day \$/kWh</i>  |                                    | \$0.1534                         | \$0.1564                           |

# Agricultural Service Rate Schedule AG

## 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.

|  | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|------------------------------------|----------------------------------|------------------------------------|
| <b>ASD</b>   |                                    |                                  |                                    |
| <b>Winter Season</b> (November - April)  |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i>               | \$28.80                            | \$29.25                          | \$29.80                            |
| <b>Site Infrastructure Charge</b> <i>per 12 months max kW or contract capacity</i> |                                    |                                  |                                    |
| First 30kW   | No Charge                          | No Charge                        | No Charge                          |
| Additional kW per month  | \$2.850                            | \$2.893                          | \$2.951                            |
| <b>Electricity Usage Charge</b>  |                                    |                                  |                                    |
| Base Usage <i>8,750 kWh per month</i>  | \$0.1526                           | \$0.1549                         | \$0.1580                           |
| Base Usage Plus <i>kWh over 8,750 per month</i>                                    | \$0.1198                           | \$0.1216                         | \$0.1240                           |
| <b>Summer Season</b> (May - October)   |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i>               | n/a                                | \$29.25                          | \$29.80                            |
| <b>Site Infrastructure Charge</b> <i>per 12 months max kW or contract capacity</i> |                                    |                                  |                                    |
| First 30kW   | n/a                                | No Charge                        | No Charge                          |
| Additional kW per month  | n/a                                | \$2.893                          | \$2.951                            |
| <b>Electricity Usage Charge</b>  |                                    |                                  |                                    |
| Base Usage <i>8,750 kWh per month</i>  | n/a                                | \$0.1484                         | \$0.1514                           |
| Base Usage Plus <i>kWh over 8,750 per month</i>                                    | n/a                                | \$0.1074                         | \$0.1095                           |

## C. Small Agricultural Optional Time-of-Day – 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-Day 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.

|  | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|------------------------------------|----------------------------------|------------------------------------|
| <b>AON</b>   |                                    |                                  |                                    |
| <b>Winter Season</b> (November - April)                              |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | \$16.65                            | \$16.90                          | \$17.25                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| On-peak <i>\$/kWh</i>  | \$0.1585                           | \$0.1609                         | \$0.1641                           |
| Off-peak <i>\$/kWh</i>   | \$0.1351                           | \$0.1371                         | \$0.1399                           |
| <b>Summer Season</b> (May - October)                                 |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | n/a                                | \$16.90                          | \$17.25                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| On-peak <i>\$/kWh</i>  | n/a                                | \$0.2332                         | \$0.2379                           |
| Off-peak <i>\$/kWh</i>   | n/a                                | \$0.1254                         | \$0.1279                           |

# Agricultural Service Rate Schedule AG

## D. Large Agricultural Optional Time-of-Day – 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-Day 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.

|  | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|------------------------------------|----------------------------------|------------------------------------|
| <b>AOD</b>   |                                    |                                  |                                    |
| <b>Winter Season (November - April)</b>                              |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | \$100.25                           | \$101.75                         | \$103.80                           |
| <b>Maximum Demand Charge</b> <i>\$ per monthly max kW</i>            | \$2.840                            | \$2.883                          | \$2.940                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| On-peak <i>\$/kWh</i>  | \$0.1578                           | \$0.1602                         | \$0.1634                           |
| Off-peak <i>\$/kWh</i>   | \$0.1340                           | \$0.1360                         | \$0.1388                           |
| <b>Summer Season (May - October)</b>                                 |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> |                                    | \$101.75                         | \$103.80                           |
| <b>Maximum Demand Charge</b> <i>\$ per monthly max kW</i>            |                                    | \$4.030                          | \$4.110                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| On-peak <i>\$/kWh</i>  |                                    | \$0.2478                         | \$0.2528                           |
| Off-peak <i>\$/kWh</i>   |                                    | \$0.1322                         | \$0.1348                           |

## III. Electricity Usage Surcharges

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

**A. Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 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 connected to SMUD's electrical system; and
3. 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<br>(\$/kW of Contract Capacity per month) | Secondary | Primary | Subtransmission |
|---|-----------|---------|-----------------|
| Effective October 1, 2021   | \$7.500   | \$5.920 | \$2.990         |
| Effective March 1, 2022   | \$7.562   | \$6.009 | \$3.035         |
| Effective January 1, 2023   | \$7.713   | \$6.129 | \$3.096         |

# Agricultural Service Rate Schedule AG

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 only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

**B. Customer Energy Generation Options.** Refer to Rate Schedules NEM1 and SSR.

**C. SMUD Renewable Energy Option**

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org).

**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](http://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 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*

|                           |          |
|---------------------------|----------|
| Effective October 1, 2021 | \$0.0123 |
| Effective March 1, 2022   | \$0.0125 |
| Effective January 1, 2023 | \$0.0127 |

### 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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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*

|                           |          |
|---------------------------|----------|
| Effective October 1, 2021 | \$0.3257 |
| Effective March 1, 2022   | \$0.3306 |
| Effective January 1, 2023 | \$0.3372 |

## D. Time-of-Day Billing Periods

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

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

# Agricultural Service Rate Schedule AG

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 Electricity Usage allowances, System Infrastructure Fixed Charge, Maximum Demand 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 service has been disconnected. 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)*

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

## I. Applicability

This Rate Schedule 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](http://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.<br>Mon – Sat except<br>holidays | 6:00 a.m. to 2:00 p.m. &<br>8:00 p.m. to 10:00 p.m.<br>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.

| Reserved Capacity Rate <i>per kW</i> | Secondary | Primary | Subtransmission |
|--------------------------------------|-----------|---------|-----------------|
| Effective March 1, 2022              | \$7.278   | \$7.278 | \$6.993         |
| Effective January 1, 2023            | \$7.423   | \$7.423 | \$7.133         |

#### 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 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 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.

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

## 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 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 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 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

|                           |          |         |
|---------------------------|----------|---------|
| Effective March 1, 2022   | \$10.934 | \$1.703 |
| Effective January 1, 2023 | \$11.152 | \$1.737 |

\* 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](http://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.

### E. Application Under SMUD'S OATT

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

# Distribution Wheeling Service Rate Schedule DWS

## 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 Commercial & Industrial Energy Assistance Program Rate Schedule EAPR

## I. Applicability

This Rate Schedule EAPR applies to customers receiving service under residential or Commercial & Industrial 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. 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 | Maximum Electricity Usage Discount |
|-----------------------|------------------------------------|
| 0-50%                 | \$60                               |
| >50 to 100%           | \$32                               |
| >100 to 150%          | \$10                               |
| >150 to 200%          | \$0                                |

## 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

All eligible non-profit organization accounts on a residential rate will receive the maximum residential discount.

# Residential and Commercial & Industrial Energy Assistance Program Rate Schedule EAPR

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), Maximum Demand Charge (kW), Site Infrastructure Charge (kW), Summer Peak Demand Charge (kW), and Summer Super Peak Demand Charge (kW) each billing period.
- B. The Commercial & Industrial rate schedule CI-TOD1 System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.
- C. The Commercial & Industrial rate schedules CI-TOD2, CI-TOD3 and CI-TOD4 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 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](http://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 electricity usage 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. The monthly System Infrastructure Fixed Charge discount will be prorated for bill periods shorter than 27 days as shown in the table below.

| Billing Circumstance                | Basis for Proration  |
|-------------------------------------|--|
| Bill period is shorter than 27 days | Relationship between the length of the billing period and 30 days. |

*(End)*

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

## I. Applicability

This Rate Schedule 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

| GS-TDP  | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|----------------------------------|------------------------------------|
| <b>Winter Season (January - May)</b>  |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b>   | \$327.55                         | \$334.10                           |
| <b>Site Infrastructure Charge per 12 months max kW or contract capacity</b>   | \$0.639                          | \$0.652                            |
| <b>Electricity Usage Charge</b>   |                                  |                                    |
| On-peak \$/kWh  | \$0.1134                         | \$0.1156                           |
| Off-peak \$/kWh   | \$0.0810                         | \$0.0826                           |
| <b>Summer Season (June - September)</b>   |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b>   | \$327.55                         | \$334.10                           |
| <b>Site Infrastructure Charge per 12 months max kW or contract capacity</b>   | \$0.639                          | \$0.652                            |
| <b>TDP Summer Super-Peak Demand Charge (\$/kW)</b>  |                                  |                                    |
| 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 $T \geq 100^\circ$ for 2 or more consecutive days; or   | \$6.577                          | \$6.709                            |
| "Extremely Hot" if $T \geq 100^\circ$ for a single day; or  | \$6.181                          | \$6.305                            |
| "Very Hot" if $100^\circ > T > 95^\circ$ for a single day; or   | \$1.147                          | \$1.170                            |
| "Mild to Hot" if $95^\circ \geq T$  | No Charge                        | No Charge                          |
| <b>Electricity Usage Charge</b>   |                                  |                                    |
| Super-peak \$/kWh   | \$0.1541                         | \$0.1572                           |
| On-peak \$/kWh  | \$0.1355                         | \$0.1382                           |
| Off-peak \$/kWh   | \$0.1019                         | \$0.1039                           |

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 HGA.

## IV. Rate Option Menu

### A. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org)

### 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](http://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

#### 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.



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

## 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 service has been disconnected. 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)*

# Hydro Generation Adjustment Rate Schedule HGA

## I. Applicability

This Rate Schedule HGA applies to all customers receiving retail electric service from SMUD. Annually, SMUD will calculate how the yearly variation of precipitation affects hydro generation from the Upper American River Project (UARP) and impacts the SMUD budget.

## II. Conditions

- A. SMUD estimates that each inch of precipitation results in 30,000 megawatt hours (MWh) of generation.
- B. The HGA precipitation period begins April 1 of the previous year and ends on March 31 of the current year (Water Year).
- C. The actual inches of precipitation (AP) for each period shall be measured at the National Weather Service Pacific House Cooperative Observer measuring station or suitable replacement.
- D. The AP will be compared to the 50-year median (midpoint) inches of precipitation (MP) measured at Pacific House.
- E. The price of power delivered into the area designated as North Path 15 (NP15) will be used to determine the dollar impact of any excess or shortfall of energy. If NP15 is no longer available, then a suitable replacement will be used.
- F. The AP will be capped at a maximum of 80 inches per Water Year to accommodate for spill.

## III. Budget Impact Determination

The following calculations will be used to determine SMUD's budget impact (BI) from precipitation variances:

### A. Precipitation Variance

$$\text{Inches of Precipitation Variance } (\pm \text{IPV}) = \text{MP} - \text{AP}$$

The variance of precipitation equals the difference between the 50-year median and the actual inches of precipitation.

### B. Generation Conversion

$$\pm \text{IPV} \quad \times \quad 30,000 \text{ MWh/inch} \quad = \quad \pm \text{MWh}$$

The variance of hydro generation, in megawatt hours, equals the inches of precipitation variance x 30,000 MWh/inch.

### C. Calculation of Budget Effects

The market cost of energy is the simple average of the actual first quarter monthly NP15 prices as of April 1 and the second, third and fourth quarters monthly forecast NP15 prices. If NP15 is no longer available, then a suitable replacement will be used.

$$\pm \text{MWh} \quad \times \quad \text{market cost of energy } (\$/\text{MWh}) \quad = \quad \pm \text{budget impact } (\$)$$

## IV. Hydro Rate Stabilization Fund

The BI will first be compared to the Hydro Rate Stabilization Fund (HRSF). In Water Years with above median precipitation, funds shall be deposited to the HRSF from Operating Revenues until the HRSF reaches a maximum of 6% of budgeted annual gross retail revenue, at which time subsequent excesses may be returned to the customer through the Hydro Generation Adjustment (HGA). In Water Years with below median precipitation, funds will be withdrawn from the HRSF and applied to Operating Revenues until the HRSF balance reaches zero, at which time the HGA will be levied as a surcharge on electricity usage.

## V. Budget Impact Limitations

The BI will not exceed  $\pm 4$  percent of budgeted annual gross retail revenue.

SACRAMENTO MUNICIPAL UTILITY DISTRICT  
Resolution No. \_\_\_\_ adopted \_\_\_\_\_

Sheet No. HGA-1  
Effective: January 1, 2022  
Edition: January 1, 2022

# Hydro Generation Adjustment Rate Schedule HGA

## VI. Rate Charges

The HGA deposits into or transfers out of the Hydro Rate Stabilization Fund will be calculated as follows:

**HRSF – BI = Calculated HRSF**

- A. If Calculated HRSF is < 0

The Accountant will transfer the remaining balance of the HRSF to Operating Revenues and the HGA will be set at:

$$- \frac{\text{Calculated HRSF}}{\text{Budgeted annual retail kWh sales}} = \text{HGA}$$

- B. If Calculated HRSF is  $\geq 0$  and  $\leq 6$  percent of budgeted annual gross retail revenue:

The Accountant will transfer the positive BI out of the HRSF and into Operating Revenues and transfer the negative BI into the HRSF from Operating Revenues.

- C. If the Calculated HRSF is > 6 percent of budgeted annual gross retail revenue:

The Accountant will transfer the negative BI into the HRSF from Operating Revenues up to 6 percent of budgeted annual gross retail revenue. The Board may authorize the HGA or direct the funds for another purpose. At the Board's direction, the HGA will be set at:

$$- \frac{(\text{Calculated HRSF} - 6\% \text{ of budgeted annual gross retail revenue})}{\text{Budgeted annual retail kWh sales}} = \text{HGA}$$

## VII. Application

The HGA became effective July 1, 2008. The HGA is recalculated for each Water Year and will be applied to the rate schedules May 1 until April 30 of the following year.

(End)

# Outdoor Night Lighting Service Rate Schedule NLGT

## I. Applicability

This Rate Schedule 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

|  | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|----------------------------------|------------------------------------|
| <b>NLGT</b>  |                                  |                                    |
| <b>Electricity and Switching Charge</b> <i>\$ per watt of connected load</i> | \$0.0302                         | \$0.0308                           |

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 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](http://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 Electricity Usage Charge will be prorated as shown in the following table.

| <b>Billing Circumstance</b>         | <b>Basis for Proration</b>  |
|-------------------------------------|---|
| 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 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.) 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.
3. Customers who qualify for Rate Schedule NEM1 and have an eligible renewable electrical generation facility that was approved for installation prior to January 1, 2018 are eligible to enroll in the Fixed Rate and may remain on the Fixed Rate after December 31, 2022.
4. Customers who have an eligible renewable electrical generation facility under Rate Schedule NEM1 that was approved for installation on or after January 1, 2018 are not eligible to enroll in the Fixed Rate.
5. Customers who have an eligible renewable electrical generation facility under Rate Schedule SSR are not eligible to enroll in the Fixed Rate.
6. Customers who have a storage facility without an associated eligible generating facility are not eligible to enroll in the Fixed Rate.
7. Customers who have master meters, including those enrolled on the RSMM rate category, are not eligible to enroll in the Fixed Rate.
8. The Fixed Rate will be used for the collection of revenue associated with unauthorized use of residential electric service regardless of the date(s) or time(s) in which the use occurred.

### 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 NEM1 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.) 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 NEM1 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 transitioned to SMUD’s standard TOD (5-8 p.m.) Rate as early as January 1, 2023, as technically feasible. If an eligible generation facility customer in this rate category elects an open rate, the customer cannot return to the Legacy Rate.
4. The Legacy Rate will be eliminated once all customers are removed from this rate and the rate transition is complete.

# Residential Service Rate Schedule R

**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.
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 (SIFC) 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.

**II. Firm Service Rates**

**A. Fixed Rate Customers (rate category RF01)**

|   | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|----------------------------------|------------------------------------|
| <b>Fixed Rate (RF01)</b>                                      |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                      |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b> | \$22.70                            | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                               |                                    |                                  |                                    |
| All kWh usage per month <i>\$/kWh</i>                         | \$0.1153                           | \$0.1170                         | \$0.1194                           |
| <b>Summer Season (June - September)</b>                       |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b> | n/a                                | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                               |                                    |                                  |                                    |
| All kWh usage per month <i>\$/kWh</i>                         | n/a                                | \$0.1870                         | \$0.1907                           |

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

|   | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|----------------------------------|------------------------------------|
| <b>Legacy Rates (RSCH, RWCH, RSEH, RWEH, RSGH, RWGH) (Closed)</b> |                                    |                                  |                                    |
| <b>Winter Season* (October - May)</b>                             |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b>     | \$22.70                            | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                                   |                                    |                                  |                                    |
| All kWh usage per month <i>\$/kWh</i>                             | \$0.1279                           | \$0.1298                         | \$0.1324                           |
| <b>Summer Season (June - September)</b>                           |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b>     | n/a                                | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                                   |                                    |                                  |                                    |
| All kWh usage per month <i>\$/kWh</i>                             | n/a                                | \$0.1486                         | \$0.1516                           |

\* All seasons with the exclusion of summer (June 1 – September 30). Winter Season includes Fall (Oct 1 – Nov 30) and Spring (Apr 1 – May 31) periods for Electric Heat rate customers (RSCH, RWCH, RSEH, RWEH).

# Residential Service Rate Schedule R

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

|   | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|------------------------------------|----------------------------------|------------------------------------|
| <b>Master Metered Multifamily and Mobile Home Park Billing (Closed)</b> |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                                |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b>           | \$22.70                            | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| All kWh usage per month <i>\$/kWh</i>                                   | \$0.1279                           | \$0.1298                         | \$0.1324                           |
| <b>Summer Season (June - September)</b>                                 |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge per month per meter</b>           | n/a                                | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>   |                                    |                                  |                                    |
| All kWh usage per month <i>\$/kWh</i>                                   | n/a                                | \$0.1486                         | \$0.1516                           |

**III. Electricity Usage Surcharges**

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

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

**IV. Rate Option Menu**

**A. Energy Assistance Program.** Refer to Rate Schedule EAPR.

**B. Medical Equipment Discount Program.** Refer to Rate Schedule MED.

**C. Joint Participation in Medical Equipment Discount and Energy Assistance Programs.** Refer to Rate Schedule MED.

**D. Time-of-Day Rate.** Refer to Rate Schedule 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) have a combined nameplate rating of less than 100 kW; 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 January 1 through December 31**

**\$/kW of Contract Capacity per month**

|                           |         |
|---------------------------|---------|
| Effective October 1, 2022 | \$7.450 |
| Effective March 1, 2022   | \$7.562 |
| Effective January 1, 2023 | \$7.713 |

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

The Generator Standby Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

# Residential Service Rate Schedule R

**F. Customer Energy Generation Option.** Refer to Rate Schedule NEM1.

**G. SMUD Renewable Energy Option**

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org).

**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](http://www.smud.org).

**I. Plug-In Electric Vehicle (PEV) Option.** Refer to Rate Schedule 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 SIFC.

**Three-Phase Service – January 1 through December 31**

**Special Facilities fee per month**

|                           |         |
|---------------------------|---------|
| Effective October 1, 2022 | \$48.71 |
| Effective March 1, 2022   | \$49.45 |
| Effective January 1, 2023 | \$50.45 |

**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 monthly SIFC will be prorated when the bill period is shorter than 27 days. The following table shows the basis for the proration in these circumstances. 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 (SIFC and kWh)   | Relationship between the length of the billing period and 30 days.  |
| Bill period is longer than 34 days (kWh)             |   |
| 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 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.
3. Customers who have an eligible renewable electrical generation facility under Rate Schedules NEM1 or SSR that was approved for installation by SMUD on or after January 1, 2018, or who establish service at a premises that has an electrical generation facility that is fueled by a renewable fuel source on or after January 1, 2018 must be on this Rate Schedule R-TOD.

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.) Rate (rate category RT02)

1. The TOD (5-8 p.m.) Rate is the standard rate for SMUD’s residential customers. Eligible customers can elect the Fixed Rate under Rate Schedule R as an alternative rate.
2. The TOD (5-8 p.m.) Rate is an optional rate for customers who have an eligible renewable electrical generation facility under Rate Schedule NEM1 that was approved for installation by SMUD prior to January 1, 2018.
3. 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.

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

<sup>1</sup> See Section V. Conditions of Service

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

1. The TOD (4-7 p.m.) Rate is closed for enrollment to residential customers.
2. Customers who have an eligible renewable electrical generation facility under Rate Schedule NEM1 that was approved for installation by SMUD before January 1, 2018, and are enrolled on the TOD (4-7 p.m.) Rate may remain on this closed rate until December 31, 2022.
3. The TOD (4-7 p.m.) Rate will terminate for customers with an eligible renewable electrical generation facility under Rate Schedule NEM1 as early as January 1, 2023 as technically feasible. Customers will then transition to SMUD’s standard TOD (5-8 p.m.) Rate, as determined by SMUD.
4. Existing customers who have an eligible renewable electrical generation facility under Rate Schedule NEM1 that was approved for installation by SMUD before January 1, 2018 may enroll in the TOD (5-8 p.m.) Rate or any other open rate at any time; however, once enrolled in the TOD (5-8 p.m.) Rate or any other open rate, the customer cannot return to the TOD (4-7 p.m.) Rate.

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

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.

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

<sup>1</sup> See Section V. Conditions of Service

**C. Optional Critical Peak Pricing (CPP) Rate (rate categories RTC1 and RTC2)**

1. The CPP rate is available as of June 1, 2022 for customers who are participating in a qualifying program. Customers that have accepted a storage incentive under the Solar and Storage Rate incentive program are required to enroll in this rate for a duration as determined by SMUD program rules posted on [www.smud.org](http://www.smud.org).
2. A maximum of 30,000 customers may be enrolled in this rate at any given time.
3. CPP Events may range from one to four hours, but not more than once per day. CPP Events may be called during any hour of the day during summer months, including holidays and weekends, up to 50 hours per summer. CPP Events may span multiple time-of-day periods.
4. CPP Events will be announced by SMUD a day in advance. However, in the event of a system emergency, announcements may occur the same day as the event.
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.

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

<sup>1</sup> 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.) Rate

|  | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|------------------------------------|----------------------------------|------------------------------------|
| <b>Time-of-Day (5-8 p.m.) Rate (RT02)</b>                            |                                    |                                  |                                    |
| <b>Non-Summer Season (October - May)</b>                             |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | \$22.70                            | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>   | \$0.1494                           | \$0.1516                         | \$0.1547                           |
| Off-Peak <i>\$/kWh</i>   | \$0.1082                           | \$0.1098                         | \$0.1120                           |
| <b>Summer Season (June - September)</b>                              |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | n/a                                | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>   | n/a                                | \$0.3215                         | \$0.3279                           |
| Mid-Peak <i>\$/kWh</i>   | n/a                                | \$0.1827                         | \$0.1864                           |
| Off-Peak <i>\$/kWh</i>   | n/a                                | \$0.1323                         | \$0.1350                           |

### B. Optional Time-of-Day (4-7 p.m.) Rate (Closed)

|  | Effective as of<br>October 1, 2021 | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|------------------------------------|----------------------------------|------------------------------------|
| <b>Time-of-Day (4-7 p.m.) Rate (RT01) (Closed)</b>                   |                                    |                                  |                                    |
| <b>Winter Season (October - May)</b>                                 |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | \$22.70                            | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| Peak <i>\$/kWh</i>   | \$0.1655                           | \$0.1680                         | \$0.1713                           |
| Off-Peak <i>\$/kWh</i>   | \$0.0953                           | \$0.0967                         | \$0.0986                           |
| <b>Summer Season (June - September)</b>                              |                                    |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | n/a                                | \$23.05                          | \$23.50                            |
| <b>Electricity Usage Charge</b>                                      |                                    |                                  |                                    |
| Summer Super Peak <i>\$/kWh</i>                                      | n/a                                | \$0.4200                         | \$0.4284                           |
| Peak <i>\$/kWh</i>   | n/a                                | \$0.1680                         | \$0.1713                           |
| Off-Peak <i>\$/kWh</i>   | n/a                                | \$0.0967                         | \$0.0986                           |

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

**C. Optional Critical Peak Pricing Rate**

1. The CPP Rate base prices per time-of-day period are the same as the prices per time-of-day period for TOD (5-8 p.m.).
2. The CPP Rate provides a discount per kWh on the Mid-Peak and Off-Peak prices during summer months.
3. During CPP Events, customers will be charged for energy used at the applicable time-of-day period rate plus the CPP Rate Event Price per kWh as shown on www.smud.org.
4. During CPP Events, energy exported to the grid will be compensated at the CPP Rate Event Price per kWh as shown on www.smud.org.
5. The CPP Rate Event Price and discount will be updated annually at SMUD’s discretion and posted on www.smud.org.

**D. Plug-In Electric Vehicle Credit (rate categories RT02, RT01, RTC1 and RTC2)**

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

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 HGA.

**IV. Rate Option Menu**

- A. Energy Assistance Program.** Refer to Rate Schedule EAPR.  
**B. Medical Equipment Discount Program.** Refer to Rate Schedule MED.  
**C. Joint Participation in Medical Equipment Discount and Energy Assistance Program.** Refer to Rate Schedule 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) have a combined nameplate rating less than 100 kW; 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 – January 1 through December 31  
\$/kW of Contract Capacity per month**

|                           |         |
|---------------------------|---------|
| Effective October 1, 2022 | \$7.450 |
| Effective March 1, 2022   | \$7.562 |
| Effective January 1, 2023 | \$7.713 |

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 only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

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

**E. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.**

**F. SMUD Renewable Energy Option**

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on [www.smud.org](http://www.smud.org)

**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](http://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

|                           |         |
|---------------------------|---------|
| Effective October 1, 2022 | \$48.71 |
| Effective March 1, 2022   | \$49.45 |
| Effective January 1, 2023 | \$50.45 |

**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 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 will be prorated when the bill period is shorter than 27 days as shown in the following table. 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. |

*(End)*

# Solar and Storage Rate Rate Schedule SSR

## I. Applicability

This Rate Schedule SSR applies to residential, commercial/industrial, and agricultural customers who establish service at a premises that has an electrical generation facility that is fueled by a renewable fuel source on or after January 1, 2022 (except customers subject to the transition period described under Section II. Transitional Conditions) or have an electrical generation facility on their premises that is fueled by a renewable fuel source which was approved for interconnection by SMUD on or after January 1, 2022 (except customers subject to the transition period described under Section II. Transitional Conditions).\*

All customers that have an electrical generation facility on their premises that is fueled by a renewable fuel source may elect to enroll in Rate Schedule SSR on or after January 1, 2022.

A renewable electrical generation facility is a facility that is eligible for certification as a renewable energy resource as defined by the California Energy Resources Conservation and Development Commission (CEC).<sup>1</sup> These facilities include, but may not be limited to, generators fueled by:

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

Small hydroelectric generation facilities will not qualify for this 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.

\*Storage facilities installed without an associated generating facility qualify for this tariff, regardless of the date approved by SMUD.

## II. Transitional Conditions

In the event that this Solar and Storage Rate is not available on January 1, 2022 due to implementation delays, customers will temporarily be subject to Rate Schedule NEM1 until transitioned to Rate Schedule SSR when it is technically feasible.

The transitional customers may receive a storage incentive under a Solar and Storage Rate program and may size their electrical generating facility up to 110% of their own electrical requirements.

Customers with a storage facility without an associated eligible generating facility cannot be on Rate Schedule NEM1.

## III. Generator Standby Charges

Customers who qualify for the Solar and Storage Rate through this Rate Schedule are exempt from generator standby charges on that portion of their load that is served by the eligible facility.

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

# Solar and Storage Rate Rate Schedule SSR

## IV. 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 up to 110% 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. Residential customers must also be on Rate Schedule R-TOD; and
7. 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.*

## V. Metering

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.

## VI. Export Compensation Rate

The Export Compensation Rate effective January 1, 2022 will be \$0.0740 per kWh (subject to updates as described in the paragraph below).

Export is defined as all kWh registered on the customer bi-directional meter as delivered to SMUD.

SMUD will update the Export Compensation Rate every four years, starting in 2026, using a combination of publicly available local indices and SMUD actual costs for components of the Export Compensation Rate. The Export Compensation Rate will not be changed more than  $\pm 30\%$  every four years. The revised value will be subject to Board approval at a regular Board meeting and will be posted on [www.smud.org](http://www.smud.org). The revised Export Compensation Rate will apply to all customers on the Solar and Storage Rate.

## VII. Payments

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

- A. In any regular billing month, the electricity supplied by SMUD is billed at retail pricing, based on the customer's rate category.
- B. Any electricity that is exported to SMUD is credited at the Export Compensation Rate on the customer's bill. The export credit can only offset electricity usage charges. Any remaining credit will carry over to subsequent billing periods.
- C. The System Infrastructure Fixed Charge, Summer Super Peak Demand Charge, Summer Peak Demand Charge, Maximum Demand Charge, Site Infrastructure Charge, electricity usage charges that are not offset by the export credit, program fees, surcharges and taxes must be paid each monthly billing cycle.

# Solar and Storage Rate Rate Schedule SSR

## VIII. Storage Incentives

- A. All customers that receive a storage incentive through a qualifying SMUD program must be on Rate Schedule SSR.
- B. Customers that received a storage incentive through a qualifying SMUD program that only have a storage facility (that is not associated with a renewable or other electrical generating facility) must be on Rate Schedule SSR.

*(End)*

# Street Lighting Service Rate Schedule SLS

## I. Applicability

This Rate Schedule 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 Category SL\_DOM**

For the purposes of the following prices a "month" is considered to be a single billing period 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 the first full billing cycle after the following date(s), the charge will be as follows:

|  | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|----------------------------------|------------------------------------|
| <b>SL_COM</b>  |                                  |                                    |
| <b>Electricity and Switching Charge</b> <i>\$ per watt of connected load</i> | \$0.0302                         | \$0.0308                           |

## 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:

|  | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|----------------------------------|------------------------------------|
| <b>SL_COM_M</b>  |                                  |                                    |
| <b>System Infrastructure Fixed Charge</b> <i>per month per meter</i> | \$10.50                          | \$10.70                            |
| <b>Electricity Usage Charge</b> <i>All day \$/kWh</i>                | \$0.0907                         | \$0.0925                           |

# Street Lighting Service Rate Schedule SLS

## 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 the first full billing cycle after the following date(s), the charge will be as follows:

|  | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|----------------------------------|------------------------------------|
| <b>SL_CODM (closed)</b>  |                                  |                                    |
| <b>Electricity and Switching Charge</b> <i>\$ per watt of connected load</i> | \$0.0302                         | \$0.0308                           |

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.

## V. SMUD (District)-owned and maintained — Rate Category SL\_DOM

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.

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.

### A. Pricing

Effective the first full billing cycle after the following date(s), the charge will be as follows:

|  | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|--|----------------------------------|------------------------------------|
| <b>SL_DOM</b>  |                                  |                                    |
| <b>Electricity and Switching Charge</b> <i>\$ per watt of connected load</i> | \$0.0302                         | \$0.0308                           |

### 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.

# Street Lighting Service Rate Schedule SLS

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.

## 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 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](http://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.

# Street Lighting Service Rate Schedule SLS

**C. Proration of Charges (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 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 TC ILS applies to electric service for the benefit of cities, counties, and other public agencies for pedestrian and vehicular traffic signal units, together with related control devices for the purpose of traffic safety and management 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 this schedule a "month" is considered to be a single billing period of 27 to 34 days.

## II. Rates (Rate Categories TS\_F, TS)

| TS_F, TS   | Effective as of | Effective as of |
|--|-----------------|-----------------|
|  | March 1, 2022   | January 1, 2023 |
| System Infrastructure Fixed Charge for metering point per month or portion thereof | \$6.23          | \$6.36          |
| Electricity Usage Charge All day \$/kWh  | \$0.1138        | \$0.1161        |

## 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 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 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

| TSS   | Effective as of<br>March 1, 2022 | Effective as of<br>January 1, 2023 |
|---|----------------------------------|------------------------------------|
| For units not larger than 70 watts or connected load and not exceeding three lamps per unit, the monthly charge <b>per unit</b> per month | \$4.52                           | \$4.61                             |
| For units larger than 70 watts or connected load and not exceeding three lamps per unit, the monthly charge <b>per lamp per watt</b>      | \$0.0317                         | \$0.0323                           |
| Total charge per month being not less than  | \$4.52                           | \$4.61                             |

## 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 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)