

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).

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III. Firm Service Rates

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

	Effective as of January 1, 2021	Effective as of October 1, 2021	Effective as of March 1, 2022
GSN T (closed October 1, 2021)			
Winter Season (January - May)			
System Infrastructure Fixed Charge per month per meter	\$22.35	\$22.80	\$23.15
Electricity Usage Charge			
All day \$/kWh	\$0.1441	\$0.1470	\$0.1492
Summer Season (June - September)			
System Infrastructure Fixed Charge per month per meter	\$22.35	n/a	\$23.15
Electricity Usage Charge			
On-Peak \$/kWh	\$0.3327	n/a	\$0.3444
Off-Peak \$/kWh	\$0.1216	n/a	\$0.1260
GSS T (closed October 1, 2021)			
Winter Season (January - May)			
System Infrastructure Fixed Charge per month per meter	\$27.15	\$27.70	\$28.10
Site Infrastructure Charge per 12 months max kW or contract capacity	\$8.390	\$8.560	\$8.688
Electricity Usage Charge			
All day \$/kWh	\$0.1131	\$0.1153	\$0.1170
Summer Season (June - September)			
System Infrastructure Fixed Charge per month per meter	\$27.15	n/a	\$28.10
Site Infrastructure Charge per 12 months max kW or contract capacity	\$8.390	n/a	\$8.688
Electricity Usage Charge			
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 January 1, 2021	Effective as of October 1, 2021	Effective as of March 1, 2022	Effective as of January 1, 2023
GFN				
All Year				
System Infrastructure Fixed Charge per month per meter	\$9.95	\$10.15	\$10.30	\$10.50
Electricity Usage Charge				
All day \$/kWh	\$0.1458	\$0.1487	\$0.1509	\$0.1539

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

	Effective as of October 1, 2021	Effective as of March 1, 2022	Effective as of January 1, 2023
CITS-0: C&I Secondary 0-20 kW			
Non-Summer Season (October - May)			
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
Electricity Usage Charge			
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
Summer Season (June - September)			
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
Electricity Usage Charge			
Peak <i>\$/kWh</i>	\$0.2355	\$0.2390	\$0.2554
Off-Peak <i>\$/kWh</i>	\$0.1331	\$0.1351	\$0.1349
CITS-1: C&I Secondary 21-299 kW			
Non-Summer Season (October - May)			
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
Electricity Usage Charge			
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
Summer Season (June - September)			
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
Electricity Usage Charge			
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.

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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 (\$/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.

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.

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.

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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

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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)

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

Off-peak pricing shall apply during the following holidays:

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

B. Restructured Time-of-Day Billing Periods

1. Time-of-Day Billing Periods

Non-Summer 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
Summer 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

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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.

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)

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IX. Transition Schedule

Season and Charge Component	Unit	October 1, 2021	March 1, 2022	January 1, 2023	2024*	2025*	2026*	2027*	2028*
CITS-0: C&I Secondary 0-20 kW									
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
CITS-1: C&I Secondary 21-299 kW									
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.

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