

# 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).

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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
<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.*

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## B. 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
<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.*

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## 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 (\$/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).

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## 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:

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### 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> <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> <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> <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> <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

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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 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.