

As approved by the SMUD Board of Directors on August 20, 2020, the commercial rate restructure transition has been delayed one year, with the transition completing no later than May 31, 2022. Legacy rates will continue through 2021. See Resolution 20-08-06 for details.

# 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.

### A. Legacy Rates (closed after May 31, 2021)

1. The Legacy commercial rates (GUS\_L, GUP\_L, GUT\_L) will be closed to new customers as early as Jan. 1, 2021, and no later than May 31, 2021, as determined by SMUD
2. 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).

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

1. Customers will gradually transition to the new restructured Commercial Industrial Time-of-Day rates (CITS-4, CITP-4, CITT-4) as early as Jan. 1, 2021 and no later than May 31, 2021, as determined by SMUD.
2. Customers on the Legacy rates will gradually transition to the new restructured Commercial Industrial Time-of-Day rates as determined by SMUD beginning the first full billing cycle in January 2021 and complete the transition no later than May 31, 2021.

## II. Firm Service Rates

### A. Legacy Rates (closed after May 31, 2021)

	Voltage Level Rate Category	Large C&I Secondary GUS_L	Large C&I Primary GUP_L	Large C&I Subtransmission GUT_L
<b>Effective January 1, 2021</b>				
<b>Winter Season</b>				
<b>System Infrastructure Fixed Charge – per month per meter</b>		\$119.45	\$119.45	\$316.40
<b>Site Infrastructure Charge</b> ( <i>\$ per 12 month max kW or contract capacity</i> )		\$4.45	\$4.27	\$3.40
<b>Electricity Usage Charge</b>				
On-Peak \$/kWh		\$0.1194	\$0.1136	\$0.1095
Off-Peak \$/kWh		\$0.0946	\$0.0885	\$0.0865
<b>Summer Season</b>				
<b>System Infrastructure Fixed Charge – per month per meter</b>		\$119.45	\$119.45	\$316.40
<b>Site Infrastructure Charge</b> ( <i>\$ per 12 month max kW or contract capacity</i> )		\$4.45	\$4.27	\$3.40
<b>Electricity Usage Charge</b>				
Super-Peak \$/kWh		\$0.1860	\$0.1533	\$0.1489
On-Peak \$/kWh		\$0.1484	\$0.1395	\$0.1309
Off-Peak \$/kWh		\$0.1187	\$0.1083	\$0.1068

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Voltage Level Rate Category	Large C&I	Large C&I	Large C&I
	Secondary GUS_L	Primary GUP_L	Subtransmission GUT_L
<b>Effective October 1, 2021</b>			
<b>Winter Season</b>			
System Infrastructure Fixed Charge – per month per meter	\$121.85	\$121.85	\$322.70
Site Infrastructure Charge (\$ per 12 month max kW or contract capacity)	\$4.54	\$4.35	\$3.46
<b>Electricity Usage Charge</b>			
On-Peak \$/kWh	\$0.1218	\$0.1159	\$0.1117
Off-Peak \$/kWh	\$0.0965	\$0.0903	\$0.0882
<b>Summer Season</b>			
<i>New restructured commercial rates beyond 2021 are effective as shown in section VII. Transition Schedule.</i>			

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

Voltage Level kW Range Rate Category	C&I	C&I	C&I
	Secondary 1000+ kW CITS-4	Primary 1000+ kW CITP-4	Subtransmission 1000+ kW CITT-4
<b>Effective January 1, 2021</b>			
<b>Non-Summer Season</b>			
System Infrastructure Fixed Charge – per month per meter	\$1,157.90	\$200.45	\$1,060.65
Site Infrastructure Charge (\$ per 12 month max kW or contract capacity)	\$4.53	\$4.22	\$3.35
<b>Electricity Usage Charge</b>			
Peak \$/kWh	\$0.1205	\$0.1181	\$0.1133
Off-Peak \$/kWh	\$0.0977	\$0.0946	\$0.0914
Off-Peak Saver \$/kWh	\$0.0921	\$0.0816	\$0.0837
<b>Summer Season</b>			
System Infrastructure Fixed Charge – per month per meter	\$1,157.90	\$200.45	\$1,060.65
Site Infrastructure Charge (\$ per 12 month max kW or contract capacity)	\$4.53	\$4.22	\$3.35
Summer Peak Demand Charge (\$ per monthly peak max kW)	\$3.29	\$4.84	\$3.14
<b>Electricity Usage Charge</b>			
Peak \$/kWh	\$0.1868	\$0.1699	\$0.1538
Off-Peak \$/kWh	\$0.1184	\$0.1057	\$0.1053
<b>Effective October 1, 2021</b>			
<b>Non-Summer Season</b>			
System Infrastructure Fixed Charge – per month per meter	\$1,181.05	\$204.50	\$1,081.85
Site Infrastructure Charge (\$ per 12 month max kW or contract capacity)	\$4.63	\$4.30	\$3.41
<b>Electricity Usage Charge</b>			
Peak \$/kWh	\$0.1230	\$0.1205	\$0.1155
Off-Peak \$/kWh	\$0.0996	\$0.0965	\$0.0933
Off-Peak Saver \$/kWh	\$0.0939	\$0.0832	\$0.0854
<b>Summer Season</b>			
<i>New restructured commercial rates beyond 2021 are effective as shown in section VII. Transition Schedule.</i>			

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### III. Electricity Usage Surcharges

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

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

### IV. 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 Systems**

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

**D. Generator Standby Service Option**

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

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

Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month)	Secondary	Primary	Subtransmission
Effective January 1, 2021	\$7.35	\$5.81	\$2.94
Effective October 1, 2021	\$7.50	\$5.92	\$2.99

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

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedules NEM1 and NEM2.

**E. Net Energy Metering Option.** Refer to Rate Schedules NEM1 and NEM2.

**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

## V. Conditions of Service

### A. Type of Electric Service

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

### B. Service Voltage Definition

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

1. *Secondary Service Voltage*

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

2. *Primary Service Voltage*

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

3. *Subtransmission Service Voltage*

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

### C. Power Factor Adjustment or Waiver

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

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

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

*Electricity Usage:* the total monthly kWh for the account

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

*Power Factor Adjustment Rate*

*Effective January 1, 2021* .....\$0.0120

*Effective October 1, 2021* .....\$0.0123

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 January 1, 2021* .....\$0.3193

*Effective October 1, 2021* .....\$0.3257

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

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

### 1. Legacy Time-of-Use Billing Periods (closed no later than May 31, 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

### 2. 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

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

## 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.

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## 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 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

### VII. Transition Schedule

Season and Charge Component		Unit	Jan 1, 2021	Oct 1, 2021	2022*	2023*
<b>Service at Secondary Voltage Level (CITS-4)</b>						
System Infrastructure Fixed Charge	per month		\$1,157.90	\$1,181.05	\$2,240.25	\$3,377.40
Site Infrastructure Charge	per kW		\$4.53	\$4.63	\$4.71	\$4.80
Summer Peak Demand Charge	per kW		\$3.29	\$3.35	\$6.70	\$10.06
Summer Peak	per kWh		\$0.1868	\$0.1905	\$0.1978	\$0.2052
Summer Off-Peak	per kWh		\$0.1184	\$0.1208	\$0.1104	\$0.0998
Non-Summer Peak	per kWh		\$0.1205	\$0.1230	\$0.1240	\$0.1250
Non-Summer Off-Peak	per kWh		\$0.0977	\$0.0996	\$0.1012	\$0.1028
Non-Summer Off-Peak Saver	per kWh		\$0.0921	\$0.0939	\$0.0804	\$0.0663
<b>Service at Primary Voltage Level (CITP-4)</b>						
System Infrastructure Fixed Charge	per month		\$200.45	\$204.50	\$287.15	\$287.15
Site Infrastructure Charge	per kW		\$4.22	\$4.30	\$4.25	\$4.25
Summer Peak Demand Charge	per kW		\$4.84	\$4.93	\$9.87	\$9.87
Summer Peak	per kWh		\$0.1699	\$0.1733	\$0.1929	\$0.1929
Summer Off-Peak	per kWh		\$0.1057	\$0.1078	\$0.0979	\$0.0979
Non-Summer Peak	per kWh		\$0.1181	\$0.1205	\$0.1251	\$0.1251
Non-Summer Off-Peak	per kWh		\$0.0946	\$0.0965	\$0.1015	\$0.1015
Non-Summer Off-Peak Saver	per kWh		\$0.0816	\$0.0832	\$0.0655	\$0.0655
<b>Service at Subtransmission Voltage Level (CITT-4)</b>						
System Infrastructure Fixed Charge	per month		\$1,060.65	\$1,081.85	\$1,138.65	\$1,195.45
Site Infrastructure Charge	per kW		\$3.35	\$3.41	\$3.36	\$3.31
Summer Peak Demand Charge	per kW		\$3.14	\$3.21	\$6.41	\$9.62
Summer Peak	per kWh		\$0.1538	\$0.1568	\$0.1641	\$0.1714
Summer Off-Peak	per kWh		\$0.1053	\$0.1074	\$0.1014	\$0.0953
Non-Summer Peak	per kWh		\$0.1133	\$0.1155	\$0.1186	\$0.1217
Non-Summer Off-Peak	per kWh		\$0.0914	\$0.0933	\$0.0964	\$0.0995
Non-Summer Off-Peak Saver	per kWh		\$0.0837	\$0.0854	\$0.0748	\$0.0643

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

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

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