

General Service Rate Schedule GS

I. Applicability

This schedule is applicable to single or 3 phase service, delivered at such nominal voltage as the customer selects from among those which the District designates are available at the customer's premises, for general service customers including commercial, industrial, including non-agricultural irrigation pumping and other non-residential customers. This schedule is applicable to customer accounts with billing demands which do not exceed 300 kW for 3 or more consecutive months.

II. Non-Demand Metered Rates

This rate is for general service customers having a demand of 20 kW or less. Whenever use of energy by non-demand metered general service customers is 7,300 kWh or more for 3 consecutive months or whenever, in the District's judgment, the demand will exceed 20 kW, a demand meter will be installed and the customer will be billed on the applicable demand metered rate. The customer will be billed on the demand metered rate until the demand falls below 21 kW for 12 consecutive months.

Small Commercial GSN	Summer	Winter
Customer Charge per month or portion thereof	\$7.25	\$7.25
Energy Charge (¢/kWh) – all kWh	9.594¢	9.237¢

III. Demand Metered Rates

This rate is for general service customers having a demand of 21 kW or more and whereby a demand meter is installed. 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 21 kW for 12 consecutive months.

Small Commercial Demand-Metered Service GSS	Summer	Winter
Customer Charge per month or portion thereof	\$18.00	\$18.00
Facilities Charge per 12 month maximum kW or installed capacity		
First 20 kW	No Charge	No Charge
Additional kW per month	\$7.00	\$7.00
Energy Charge (¢/kWh)		
First 7,300 kWh per month	9.939¢	8.959¢
Additional kWh per month	6.619¢	6.910¢

IV. Optional Time-of-use Rates

Commercial and industrial demand metered customers below 300 kW may choose to be served under the small commercial time-of-use rate schedule (GS-TOU3). Transfers from "time-of-use" rate schedules may not be made more than 1 time in a 4-month period. Customers cannot return to Time-of-use service for 12 months.

V. Discontinuance of Service

Any customer resuming service within 12 months after discontinuing service will be required to pay the facilities charges and customer charges that would have been billed if service had not been discontinued, except when a customer agrees to lock out service during the full period of June through September. The facilities charge and customer charge will be waived during each of those months.

VI. Rate Option Menu

(A) Energy Assistance Program for Non-Profit Agencies

A discount of 15 percent of the customer charge, facilities charge or energy charge for general service customers, directly served by the District, who are certified non-profit agencies as outlined in Sheet No. 1-81-1. The primary function shall be to provide a home (sleeping quarters) for low income residents, who would otherwise meet the residential Energy Assistance Program Rate guidelines defining low-income if permanently residing in a residence. Given that the primary function is provided by the non-profit agencies, associated facilities that provide daytime services for the homeless (e.g., personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility square footage must be directly related to meeting these functions. In order to continue receiving the discount an energy survey must be applied for at the time of application for this rate option and the recommended cost effective energy efficiency measures must be implemented within 6 months of receiving a survey.

(B) Standby Service Option

This option is for general service customers who operate, in whole or in part, customer-owned generator(s) on their premises and where 1) the output connects to the District's electrical system, and 2) the District must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge (\$/kW of Contract Capacity per month)

Secondary Distribution Voltage	\$5.15
Primary Distribution Voltage	\$4.07
69 kV Voltage	\$2.02

(Continued)

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Supersedes Sheet No. 1-GS-1 dated May 3, 2002
Resolution No. 01-05-10 adopted May 3, 2001

Sheet No. **1-GS-1**
Effective: **May 3, 2004**

General Service Rate Schedule GS (Continued)

Standby Service Option (continue)

"Contract capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, the District will continue to bill for all applicable charges under this rate schedule. These charges include customer and facility charges, as well as demand and energy charges for District-provided power.

Optional Metered Standby Service Charge

The customer may elect to base the standby charge on actual metered generator output in relation to total site load, which may result in a different standby billing than one based on contract capacity. This option requires the customer to pay for the installation and monthly maintenance of special metering equipment at both the generator and the customer's SMUD meter.

This option uses a metered standby kW instead of contract capacity kW to determine the standby service charge. The formula is as follows:

$$\text{metered standby kW} = (\text{maximum site kW}) - (\text{SMUD billing kW})$$

where:

"maximum site kW" is the highest coincident sum of the hourly generator output, if any, and the SMUD metered load for the billing period, and

"SMUD billing kW" is the maximum hourly load recorded at the customer meter during the previous 12 months.

(C) Electric Vehicle (EV) Option

Owners of licensed commercial electric vehicles (EV's) may choose to have a charging location be billed under GSTOU2.

(D) Green Pricing Options

SMUD Community Solar Option

Customers electing this premium service option will receive an additional charge for monthly energy of no less than 1 cent and no greater than 2 cents per kWh. Contributions will be held until sufficient funds are available for construction of a solar roof top system.

SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional charge for monthly energy of no less than 1/2 cent and no greater than 2 cents per kWh. SMUD may offer up to 3 premium rate options representing various blends of renewable resources within the 1/2 cent to 2 cent range. The actual prices will be published each November and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure below the 2 cent premium limit.

(E) Net Metering for Solar Electric and Wind Turbine Generation Facilities

The net metering option is applicable to non-demand metered customers who own and operate a solar or wind electrical generation facilities with a capacity of not more than 10 kilowatts. The facility must be located on the customer's premises, operate in parallel with the District's transmission and distribution facilities, and must be intended primarily to offset part or all of the customer's own electrical requirements. Application for this option is on a first-come, first-served basis and is limited to one-tenth of one percent (0.1%) of SMUD's total system load. The customer must sign the appropriate SMUD inter-connection agreement.

1) Net Energy 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, or an equivalent means of metering. For SMUD-supplied PV systems, an additional meter for PV generation will be supplied as part of the system package. Energy supplied by the District will be charged to the customer at the average annual price of energy for the applicable rate class. Customers may elect to pay the estimated outstanding balance each month to minimize year-end settlements. At the end of each 12 month period from the origination of the Interconnection Agreement, SMUD may issue payment to SMUD energy customers for any excess kWh supplied to SMUD during the prior year. Any payments to the customer for excess energy will be based on the average retail price of electricity for each rate class over the entire annual payment period, regardless of when the excess energy may have been supplied to SMUD.

2) Standby Charges

Customers who qualify for Net Metering for Solar Electric Generation Facilities are exempted from current standby charges on that portion of their load.

** In accordance with amended CA Public Utilities Code Section 2827, Net Energy Metering is available to a customer-generator who uses a solar or wind power unit, or a hybrid system of both, with a maximum 1000kW capacity. Monthly net energy consumed or generated will be billed or credited at the applicable tier or time-of-use rate. Customer, Demand and Facilities charges will remain the same as for other customers in the applicable rate category. Bills for demand-billed commercial, industrial and agricultural customers are subject to payment in each normal billing cycle.*

(Continued)

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Supersedes Sheet No. 1-GS-2 dated May 3, 2002
Resolution No. 01-05-10 adopted May 3, 2001

Sheet No. **1-GS-2**
Effective: **May 3, 2004**

General Service Rate Schedule GS (Continued)

VII. Special Metering Charge

For customers who purchase and install communications hardware and software to transfer energy load data from their meter/recorders to a personal computer, the District will charge a monthly service fee to cover maintenance, software support and the annual licensing fee.

VIII. Conditions

1. Type of Electric Service

Firm Service

Standard service where the District provides a continuous and sufficient supply of electricity.

2. Service Voltage Definition

The following defines the 3 voltage classes available. The rate shall be determined by the voltage level at which service is taken according to the following:

a. Secondary

This is the voltage class if the definition of "primary" and "69 kV" do not apply to a customer's service.

b. Primary

This is the voltage class if a customer elects to accept service at a voltage level of 12 kV or 21 kV that is available in the area and the District approves such arrangements for a customer whose monthly demand exceeds 300 kW.

c. 69 kV

This is the voltage class if a customer elects to accept service at a voltage level of 69 kV or higher that is available in the area and the District approves such arrangements for a customer whose monthly demand exceeds 500 kW.

3. Power Factor Adjustment

Accounts with demands of 20 kW or greater may be subject to a power factor adjustment. The District, at its option, may place VAR metering equipment to record reactive power conditions. Effective January 1, 1998, when a customer's monthly power factor falls below 95% leading or lagging, the following billing adjustment will apply

$$\text{Energy} \times \$0.008 \times \left(\frac{95\%}{\text{Power Factor}} - 1 \right)$$

Energy = the total monthly kWh for the account

Power Factor = the lesser of the customer's monthly power factor or 95%

Customers that contract with SMUD for power factor corrections will have the power factor adjustment waived for the portion that is covered under the contract. The fee for correction per KVAR\$0.2125

KVAR = maximum 12 month KVAR in excess of 33% of kW.

5. Billing

PRORATION OF CHARGES

BILLING CIRCUMSTANCE	Customer Charge	Facilities Charges & Energy Charges	BASIS OF PRORATION
Less than 27 days or more than 34 days	Yes	Yes	Relationship between the length of the billing period and 30 days.
Winter/Summer season overlap	Yes	Yes	Relationship between the length of the billing period and the number of days winter and summer.

Meter reading for service rendered in accordance with this rate will not be combined for billing purposes unless the convenience of the District is served thereby.

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

I. Applicability

Applicable to single or three phase service, delivered at such nominal voltage as the customer selects from among those which the District designates are available at the customer's premises. This schedule is mandatory for all commercial and industrial (C&I) customers whose monthly demand is 1,000 kW or over for three consecutive months during the preceding 12 months. Customers will remain on this rate schedule until their demand falls below 1000 kW for 12 consecutive months. Customers with installations of commercial thermal energy storage (CTES) 500-999kW have the options of using either rate schedules GS-TOU1 or GS-TOU2 and must agree to remain on the selected rate schedule for a minimum of 12 months. (Note: The option to choose between rate schedules GS-TOU1 and GS-TOU2 is closed to new customers effective January 1, 1998 and will be eliminated December 31, 2001.) Service under this schedule is subject to meter availability. The demand for any month will be the maximum 15-minute kW delivery during the month.

II. Firm Service Rate

Rate Category	Large C&I GUS_L	Large C&I GUP_L	Large C&I GUT_L
	Secondary	Primary	69KV
Winter Season - October 1 Through May 31			
Customer Charge - per month per meter	\$85.00	\$85.00	\$225.00
Facilities Charge (per 12 months max kW or installed capacity)	\$3.15	\$3.00	\$2.40
Energy Charge			
On-Peak ¢/kWh	7.580¢	7.169¢	6.864¢
Off-Peak ¢/kWh	5.815¢	5.385¢	5.243¢
Summer Season - June 1 Through September 30			
Customer Charge - Per month per meter	\$85.00	\$85.00	\$225.00
Facilities Charge (per 12 months max kW or installed capacity)	\$3.15	\$3.00	\$2.40
Energy Charge			
Super-Peak ¢/kWh	12.304¢	9.995¢	9.688¢
On-Peak ¢/kWh	9.671¢	9.021¢	8.393¢
Off-Peak ¢/kWh	7.552¢	6.812¢	6.687

III. Rate Option Menu**

(A) Energy Assistance Program for Non-Profit Agencies

A discount of 15 percent of the customer charge, facilities charge and energy charge for large general service customers directly served by the District, who are certified non-profit agencies as outlined in Sheet No. 1-81-1. The primary function shall be to provide a home (sleeping quarters) for low income residents, who would otherwise meet the residential Energy Assistance Program Rate guidelines defining low-income if permanently residing in a residence. Given that the primary function is provided by the non-profit agencies, associated facilities that provide daytime services for the homeless (e.g., personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility square footage must be directly related to meeting these functions. In order to continue receiving the discount an energy survey must be applied for at the time of application for this rate option and the recommended cost effective energy efficiency measures must be implemented within six months of receiving a survey.

(B) Campus Rates

Campus billing is a condition whereby the customer is served from a common address or industrial campus and has several accounts or services entrances on the same contiguous campus. Campus billing provides for either hardwire or post metering combination of these accounts to a single load shape for billing purposes. This option would have the characteristics of avoiding multiple customer charges.

The following criterion define the conditions under which campus rates would be granted:

1. Contiguous site.
2. Same legal entity buying and consuming the power at the site.
3. No sub-metering on campus to third parties.
4. Common service level (voltage) for accounts to be combined.
5. Special facilities charges applied to recover additional meter/metering expense.

** In accordance with amended CA Public Utilities Code Section 2827, Net Energy Metering is available to a customer-generator who uses a solar or wind power unit, or a hybrid system of both, with a maximum 1000kW capacity. Monthly net energy consumed or generated will be billed or credited at the applicable tier or time-of-use rate. Customer, Demand and Facilities charges will remain the same as for other customers in the applicable rate category. Bills for demand-billed commercial, industrial and agricultural customers are subject to payment in each normal billing cycle.

(Reference Sheet No. 1-GS-3, V(E) Net Metering)

(Continued)

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Supersedes Sheet No. 1-GS-TOU-1 dated May 3, 2002
Resolution No. 01-05-10 adopted May 3, 2001

Sheet No. **1-GS-TOU1-1**
Effective: **May 3, 2004**

Large General Service Time-Of-Use Rate Schedule GS-TOU1 (Continued)

III. Rate Option Menu (Continued)

(B) Campus Rates

6. Single point of contact at the place of business both for billing and service questions.
7. All accounts served from a common rate and service voltage.
8. Use of parallel systems for shifting load between different rate offerings will be considered a violation of terms of this agreement. The District shall have the right to corrective billing on a single rate and full reimbursement of waived customer charges.
9. This type of service requires interval metering on each service entrance. Customers at the secondary service level will be required to pay the customer charge associated with primary service to account for additional costs to the District. A monthly service fee will be charged for the additional costs of multiple site metering.

(C) Standby Service Option

This option is for general service customers who operate, in whole or in part, customer-owned generator(s) on their premises and where 1) the output connects to the District's electrical system, and 2) the District must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge (\$/kW of Contract Capacity per month)

Secondary Distribution Voltage	\$5.15
Primary Distribution Voltage	\$4.07
69 kV Voltage	\$2.02

"Contract capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, the District will continue to bill for all applicable charges under this rate schedule. These charges include customer and facility charges, as well as demand and energy charges for District-provided power.

Optional Metered Standby Service Charge

The customer may elect to base the standby charge on actual metered generator output in relation to total site load, which may result in a different standby billing than one based on contract capacity. This option requires the customer to pay for the installation and monthly maintenance of special metering equipment at both the generator and the customer's SMUD meter.

This option uses a metered standby kW instead of contract capacity kW to determine the standby service charge. The formula is as follows:

$$\text{metered standby kW} = (\text{maximum site kW}) - (\text{SMUD billing kW})$$

where:

"maximum site kW" is the highest coincident sum of the hourly generator output, if any, and the SMUD metered load for the billing period, and

"SMUD billing kW" is the maximum hourly load recorded at the customer meter during the previous 12 months.

(D) Economic Development Rate Option

This option is applicable to full service customers with load in excess of 299 kW who create a minimum of 50 new jobs and add load at a new or expanded site. Qualified customers will receive a reduction of their estimated delivery service (distribution) charges only. For existing customers, only the additional load will qualify for the discount. Eligibility for this discount is limited to customers with Standard Industrial Classifications (SIC) 2000-3999 Manufacturing, 4800-4899 Communications, 7300-7499 Business Services and 8700-8799 Professional Services or the equivalent new NAICS codes. Qualified customers must agree to be a full service customer for five years.

Discount off the otherwise applicable delivery service rate: (Includes customer, Facilities and Demand Charges)	First 12 months	15%
	Second 12 months	10%
	Third 12 months	5%
	Fourth 12 months	0%
	Fifth 12 months	0%

(E) Green Pricing Options

SMUD Community Solar Option

Customers electing this premium service option will receive an additional charge for monthly energy of no less than 1/2 cent and no greater than 2 cents per kWh. Contributions will be held until sufficient funds are available for construction of a solar roof top system.

SMUD Renewable Energy Option

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

(Continued)

Large General Service Time-Of-Use Rate Schedule GS-TOU1 (Continued)

IV. Special Metering Charge

For customers who purchase and install communications hardware and software to transfer energy load data from their meter/recorders to a personal computer, the District will charge a monthly service fee to cover maintenance, software support and the annual licensing fee.

V. Conditions

1. Type of Electric Service

Firm Service

Standard service where the District provides a continuous and sufficient supply of electricity.

2. 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:

- a. Secondary : This is the voltage class if the definition of "primary" and "69 kV" do not apply to a customer's service.
- b. Primary : This is the voltage class if a customer elects to accept service at a voltage level of 12 kV or 21 kV that is available in the area and the District approves such arrangements for a customer whose monthly demand exceeds 300 kW.
- c. 69 kV : This is the voltage class if a customer elects to accept service at a voltage level of 69 kV or higher that is available in the area and the District approves such arrangements for a customer whose monthly demand exceeds 500 kW.

3. Power Factor Adjustment

Accounts with demands of 20 kW or greater may be subject to a power factor adjustment. The District, at its option, may place VAR metering equipment to record reactive power conditions. Effective January 1, 1998, when a customer's monthly power factor falls below 95% leading or lagging, the following billing adjustment will apply:

$$\text{Energy} \times \$0.008 \times \left(\frac{95\%}{\text{Power Factor}} - 1 \right)$$

Energy = the total monthly kWh for the account • Power Factor = the lesser of the customer's monthly power factor or 95%

Customers that contract with SMUD for power factor corrections will have the power factor adjustment waived for the portion that is covered under the contract. The fee for correction per KVAR\$0.2125

KVAR = maximum 12 month KVAR in excess of 33% of kW.

4. Time-of-Use Billing Periods

Super-peak hours include the following:

SUMMER SEASON (ONLY) – JUNE 1 Through SEPTEMBER 30

Weekdays: Between 2:00 p.m. and 8:00 p.m.

On-peak hours include the following:

WINTER SEASON - OCTOBER 1 Through MAY 31

Weekdays: Between 12:00 noon and 10:00 P.M.

SUMMER SEASON - JUNE 1 Through SEPTEMBER 30

Weekdays: Between 12:00 noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m.

Off-peak hours include the following:

ALL SEASON – JANUARY 1 Through DECEMBER 31

All day on Saturdays, Sundays and the following holidays established by California law: New Years Day, Martin Luther King Jr.'s Birthday, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving, Christmas Day and all other hours not defined as super-peak or peak.

5. Billing

PRORATION OF CHARGES

BILLING CIRCUMSTANCE	Customer Charge	Facilities Charge	BASIS OF PRORATION
Less than 27 days or more than 34 days	Yes	Yes	Relationship between the length of the billing period and 30 days.
Winter/Summer season overlap	Yes	Yes	Relationship between the length of the billing period and the number of days winter and summer.

Meter reading for service rendered in accordance with this rate will not be combined for billing purposes unless the convenience of the District is served thereby.

(End)

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

I. Applicability

Applicable to single or three phase service, delivered at such nominal voltage as the customer selects from among those which the District designates are available at the customer's premises. This schedule is mandatory for all commercial and industrial (C&I) customers whose monthly demand is 500 to 999 kW for three consecutive months. Customers will remain on this rate schedule until their demand falls below 500 kW for 12 consecutive months. Customers with installations of commercial thermal energy storage (CTES) have the option of using either rate schedules GS-TOU2 or GS-TOU1 must agree to remain on the selected rate schedule for a minimum of 12 months. (Note: The option to choose between rate schedules GS-TOU1 and GS-TOU2 is closed to new customers effective January 1, 1998 and will be eliminated December 31, 2001). The demand for any month will be the maximum 15-minute kW delivery during the month. Service under this schedule is subject to meter availability.

II. Firm Service Rate

Rate Category	Medium GUS_M	Medium GUP_M	Medium GUT_M
	Secondary	Primary	69kV
Winter Season - October 1 Through May 31			
Customer Charge - per month per meter	\$85.00	\$85.00	\$225.00
Facilities Charge (per 12 months max kW or installed capacity)	\$2.25	\$2.00	\$1.60
Energy Charge			
On-Peak ¢/kWh	7.053¢	6.611¢	6.329¢
Off-Peak ¢/kWh	5.376¢	5.031¢	4.898¢
Summer Season - June 1 Through September 30			
Customer Charge - Per month per meter	\$85.00	\$85.00	\$225.00
Facilities Charge (per 12 months max kW or installed capacity)	\$2.25	\$2.00	\$1.60
Demand Charge (\$/monthly super peak max kW)	\$5.50	\$5.00	\$0.00
Energy Charge			
Super-Peak ¢/kWh	14.298¢	13.554¢	13.138¢
On-Peak ¢/kWh	9.530¢	9.147¢	8.510¢
Off-Peak ¢/kWh	7.087¢	6.700¢	6.577¢

III. Rate Option Menu**

(A) Energy Assistance Program for Non-Profit Agencies

A discount of 15 percent of the customer charge, facilities charge, demand charge and energy charge for medium general service customers directly served by the District, who are certified non-profit agencies as outlined in Sheet No. 1-81-1. The primary function shall be to provide a home (sleeping quarters) for low income residents, who would otherwise meet the Residential Energy Assistance Program Rate guidelines defining low-income if permanently residing in a residence. Given that the primary function is provided by the non-profit agencies, associated facilities that provide daytime services for the homeless (e.g., personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility square footage must be directly related to meeting these functions. In order to continue receiving the discount, an energy survey must be applied for at the time of application for this rate option and the recommended cost effective energy efficiency measures must be implemented within six months of receiving a survey.

** In accordance with amended CA Public Utilities Code Section 2827, Net Energy Metering is available to a customer-generator who uses a solar or wind power unit, or a hybrid system of both, with a maximum 1000kW capacity. Monthly net energy consumed or generated will be billed or credited at the applicable tier or time-of-use rate. Customer, Demand and Facilities charges will remain the same as for other customers in the applicable rate category. Bills for demand-billed commercial, industrial and agricultural customers are subject to payment in each normal billing cycle.

(Reference Sheet No. 1-GS-3, V () Net Metering)

Medium General Service Time-Of-Use Rate Schedule GS-TOU2 (Continued)

III. Rate Option Menu (Continued)

(B) Campus Rates

Campus billing is a condition whereby the customer is served from a common address or industrial campus and has several accounts or services entrances on the same contiguous campus. Campus billing provides for either hardwire or post metering combination of these accounts to a single load shape for billing purposes. This option would have the characteristics of avoiding multiple customer charges. The following criterion define the conditions under which campus rates would be granted:

1. Contiguous site.
2. Same legal entity buying and consuming the power at the site.
3. No sub-metering on campus to third parties.
4. Common service level (voltage) for accounts to be combined.
5. Special facilities charges applied to recover additional meter/metering expense.
6. Single point of contact at the place of business both for billing and service questions.
7. All accounts served from a common rate and service voltage.
8. Use of parallel systems for shifting load between different rate offerings will be considered a violation of terms of this agreement. The District shall have the right to corrective billing on a single rate and full reimbursement of waived customer charges.
9. This type of service requires interval metering on each service entrance. Customers at the secondary service level will be required to pay the customer charge associated with primary service to account for additional costs to the District. A monthly service fee will be charged for the additional costs of multiple site metering.

(C) Standby Service Option

This option is for general service customers who operate, in whole or in part, customer-owned generator(s) on their premises and where 1) the output connects to the District's electrical system, and 2) the District must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge (\$/kW of Contract Capacity per month)

Secondary Distribution Voltage	\$5.15
Primary Distribution Voltage	\$4.07
69 kV Voltage	\$2.02

"Contract capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, the District will continue to bill for all applicable charges under this rate schedule. These charges include customer and facility charges, as well as demand and energy charges for District-provided power.

Optional Metered Standby Service Charge

The customer may elect to base the standby charge on actual metered generator output in relation to total site load, which may result in a different standby billing than one based on contract capacity. This option requires the customer to pay for the installation and monthly maintenance of special metering equipment at both the generator and the customer's SMUD meter.

This option uses a metered standby kW instead of contract capacity kW to determine the standby service charge. The formula is as follows:

$$\text{metered standby kW} = (\text{maximum site kW}) - (\text{SMUD billing kW})$$

where:

"maximum site kW" is the highest coincident sum of the hourly generator output, if any, and the SMUD metered load for the billing period, and

"SMUD billing kW" is the maximum hourly load recorded at the customer meter during the previous 12 months.

(D) Economic Development Rate Option

This option is applicable to full service customers with load in excess of 299 kW who create a minimum of 50 new jobs and add load at a new or expanded site. Qualified customers will receive a reduction of their estimated delivery service (distribution) charges only. For existing customers, only the additional load will qualify for the discount. Eligibility for this discount is limited to customers with Standard Industrial Classifications (SIC) 2000-3999 Manufacturing, 4800-4899 Communications, 7300-7499 Business Services and 8700-8799 Professional Services or the equivalent new NAICS codes. Qualified customers must agree to be a full service customer for five years.

Discount off the otherwise applicable delivery service rate: (Includes customer, Facilities and Demand Charges)	First 12 months	15%
	Second 12 months	10%
	Third 12 months	5%
	Fourth 12 months	0%
	Fifth 12 months	0%

Medium General Service Time-Of-Use Rate Schedule GS-TOU2 (Continued)

III. Rate Option Menu (Continued)

(E) Green Pricing Options

SMUD Community Solar Option

Customers electing this premium service option will receive an additional charge for monthly energy of no less than 1 cent and no greater than 2 cents per kWh. Contributions will be held until sufficient funds are available for construction of a solar roof top system.

SMUD Renewable Energy Option

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

IV. Special Metering Charge

For customers who purchase and install communications hardware and software to transfer energy load data from their meter/recorders to a personal computer, the District will charge a monthly service fee to cover maintenance, software support and the annual licensing fee.

V. Conditions

1. Type of Electric Service

Firm Service

Standard service where the District provides a continuous and sufficient supply of electricity.

2. 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:

- Secondary - This is the voltage class if the definition of "primary" and "69 kV" do not apply to a customer's service.
- Primary - This is the voltage class if a customer elects to accept service at a voltage level of 12 kV or 21 kV that is available in the area and the District approves such arrangements for a customer whose monthly demand exceeds 300 kW.
- 69 kV - This is the voltage class if a customer elects to accept service at a voltage level of 69 kV or higher that is available in the area and the District approves such arrangements for a customer whose monthly demand exceeds 500 kW.

3. Power Factor Adjustment

Accounts with demands of 20 kW or greater may be subject to a power factor adjustment. The District, at its option, may place VAR metering equipment to record reactive power conditions. Effective January 1, 1998, when a customer's monthly power factor falls below 95% leading or lagging, the following billing adjustment will apply:

$$\text{Energy} \times \$0.008 \times \left(\frac{95\%}{\text{Power Factor}} - 1 \right)$$

Energy = the total monthly kWh for the account

Power Factor = the lesser of the customer's monthly power factor or 95%

Customers that contract with SMUD for power factor corrections will have the power factor adjustment waived for the portion that is covered under the contract. The fee for correction per KVAR\$0.2125

KVAR = maximum 12 month KVAR in excess of 33% of kW.

4. Time-of-Use Billing Periods

Super-peak hours include the following:

SUMMER SEASON (ONLY) - JUNE 1 Through SEPTEMBER 30

Weekdays: Between 2:00 pm. and 8:00 p.m.

On-peak hours include the following:

SUMMER SEASON - JUNE 1 Through SEPTEMBER 30

Weekdays: Between 12:00 noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m.

WINTER SEASON - OCTOBER 1 Through MAY 31

Weekdays: Between 12:00 noon and 10:00 p.m.

Off-peak hours include the following:

ALL SEASON - JANUARY 1 Through DECEMBER 31

All day on Saturdays, Sundays and the following holidays established by California law: New Years Day, Martin Luther King Jr.'s Birthday, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving, Christmas Day and all other hours not defined as super-peak or peak.

(Continued)

**Medium General Service
Time-Of-Use
Rate Schedule GS-TOU2 (Continued)**

5. Billing

BILLING CIRCUMSTANCE	PRORATION OF CHARGES		BASIS OF PRORATION
	Demand Customer Charge	Demand Facilities Charge	
Less than 27 days or more than 34 days	Yes	Yes	Relationship between the length of billing period and 30 days.
Winter/Summer season overlap	Yes	Yes	Relationship between the length of the billing period and the number of days winter and summer.

Meter reading for service rendered in accordance with this rate will not be combined for billing purposes unless the convenience of the District is served thereby.

(End)

Small General Service Time-Of-Use Commercial Rate Schedule GS-TOU3

I. Applicability

Applicable to single or three phase service, delivered at such nominal voltage as the customer selects from among those which the District designates are available at the customer's premises. This schedule is mandatory for all commercial and industrial (C&I) customers whose monthly demand is 300-499 kW for three consecutive months and for all customers previously served at the primary level on Rate Schedule GS. Customers who currently have a TOU meter, and meet the new eligibility requirements for the TOU schedule (meaning they have an historical demand over 300 kW) will be changed to the new applicable rate schedule effective with the beginning of the first full billing period following May 3, 2001. Customers taking service at the secondary level will remain on this rate schedule until their demand falls below 300 kW for 12 consecutive months. Time of use meters will be installed as they become available for those customers who meet the criteria for this rate schedule but currently have only a demand meter. The applicable rates on this schedule will be effective beginning with the first full billing period following installation of the time-of-use meter. Until that time, the affected customers will remain on their applicable rate schedule. This schedule is optional for customers currently billed on Rate Schedule GS and taking service at the secondary level with historical billing demand less than 300 kW.

II. Firm Service Rate

Rate Category	Small GUS_S	Small GUP_S
	Secondary	Primary
Winter Season - October 1 Through May 31		
Customer Charge - per month per meter	\$85.00	\$85.00
Facilities Charge (per 12 months max kW or installed capacity)	\$3.00	\$2.70
Energy Charge		
On-peak ¢/kWh	7.158¢	6.709¢
Off-peak ¢/kWh	5.471¢	5.120¢
Summer Season - June 1 Through September 30		
Customer Charge - Per month per meter	\$85.00	\$85.00
Facilities Charge (per 12 months max kW or installed capacity)	\$3.00	\$2.70
Demand Charge (\$/monthly super peak max kW)	\$6.00	\$5.50
Energy Charge		
Super-peak ¢/kWh	14.744¢	13.977¢
On-peak ¢/kWh	9.749¢	9.357¢
Off-peak ¢/kWh	7.539¢	7.127¢

III. Rate Option Menu

(A) Energy Assistance Program for Non-Profit Agencies

A discount of 15 percent of the customer charge, facilities charge, demand charge and energy charge for general service customers directly served by the District, who are certified non-profit agencies as outlined in Sheet No. 1-81-1. The primary function shall be to provide a home (sleeping quarters) for low income residents, who would otherwise meet the residential Energy Assistance Program Rate guidelines defining low-income if permanently residing in a residence. Given that the primary function is provided by the non-profit agencies, associated facilities that provide daytime services for the homeless (e.g., personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility square footage must be directly related to meeting these functions. In order to continue receiving the discount an energy survey must be applied for at the time of application for this rate option and the recommended cost effective energy efficiency measures must be implemented within six months of receiving a survey.

****** *In accordance with amended CA Public Utilities Code Section 2827, Net Energy Metering is available to a customer-generator who uses a solar or wind power unit, or a hybrid system of both, with a maximum 1000kW capacity. Monthly net energy consumed or generated will be billed or credited at the applicable tier or time-of-use rate. Customer, Demand and Facilities charges will remain the same as for other customers in the applicable rate category. Bills for demand-billed commercial, industrial and agricultural customers are subject to payment in each normal billing cycle.*

(Reference Sheet No. 1-GS-3, V (E) Net Metering)

(Continued)

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Supersedes Sheet No. 1-GS-TOU3-1 dated May 3, 2002
Resolution No. **01-05-10** adopted May 3, 2001

Sheet No. **1-GS-TOU3-1**
Effective: **May 3, 2004**

Small General Service Time-Of-Use Commercial Rate Schedule GS-TOU3 (Continued)

III. Rate Option Menu (Continued)

(B) Campus Rates

Campus billing is a condition whereby the customer is served from a common address or industrial campus and has several accounts or services entrances on the same contiguous campus. Campus billing provides for either hardwire or post metering combination of these accounts to a single load shape for billing purposes. This option would have the characteristics of avoiding multiple customer charges. The following criterion define the conditions under which campus rates would be granted:

1. Contiguous site.
2. Same legal entity buying and consuming the power at the site.
3. No sub-metering on campus to third parties.
4. Common service level (voltage) for accounts to be combined.
5. Special facilities charges applied to recover additional meter/metering expense.
6. Single point of contact at the place of business both for billing and service questions.
7. All accounts served from a common rate and service voltage.
8. Use of parallel systems for shifting load between different rate offerings will be considered a violation of terms of this agreement. The District shall have the right to corrective billing on a single rate and full reimbursement of waived customer charges.
9. This type of service requires interval metering on each service entrance. Customers at the secondary service level will be required to pay the customer charge associated with primary service to account for additional costs to the District. A monthly service fee will be charged for the additional costs of multiple site metering.

(C) Standby Service Option

This option is for general service customers who operate, in whole or in part, customer-owned generator(s) on their premises and where 1) the output connects to the District's electrical system, and 2) the District must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge (\$/kW of Contract Capacity per month)

Secondary Distribution Voltage	\$5.15
Primary Distribution Voltage	\$4.07
69 kV Voltage	\$2.02

"Contract capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, the District will continue to bill for all applicable charges under this rate schedule. These charges include customer and facility charges, as well as demand and energy charges for District-provided power.

Optional Metered Standby Service Charge

The customer may elect to base the standby charge on actual metered generator output in relation to total site load, which may result in a different standby billing than one based on contract capacity. This option requires the customer to pay for the installation and monthly maintenance of special metering equipment at both the generator and the customer's SMUD meter.

This option uses a metered standby kW instead of contract capacity kW to determine the standby service charge. The formula is as follows:

$$\text{metered standby kW} = (\text{maximum site kW}) - (\text{SMUD billing kW})$$

where:

"maximum site kW" is the highest coincident sum of the hourly generator output, if any, and the SMUD metered load for the billing period, and

"SMUD billing kW" is the maximum hourly load recorded at the customer meter during the previous 12 months.

(D) Economic Development Rate Option

This option is applicable to full service customers with load in excess of 299 kW who create a minimum of 50 new jobs and add load at a new or expanded site. Qualified customers will receive a reduction of their estimated delivery service (distribution) charges only. For existing customers, only the additional load will qualify for the discount. Eligibility for this discount is limited to customers with Standard Industrial Classifications (SIC) 2000-3999 Manufacturing, 4800-4899 Communications, 7300-7499 Business Services and 8700-8799 Professional Services or equivalent new NAICS codes. Qualified customers must agree to be a full service customer for five years.

Discount off the otherwise applicable delivery service rate:	First 12 months	15%
(Includes customer, Facilities and Demand Charges)	Second 12 months	10%
	Third 12 months	5%
	Fourth 12 months	0%
	Fifth 12 months	0%

(E) Green Pricing Options

SMUD Community Solar Option

Customers electing this premium service option will receive an additional charge for monthly energy of no less than 1/2 cent and no greater than 2 cents per kWh. Contributions will be held until sufficient funds are available for construction of a solar roof top system.

(Continued)

Small General Service Time-Of-Use Commercial Rate Schedule GS-TOU3 (Continued)

(E) Green Pricing Options (Continued)

SMUD Renewable Energy Option

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

IV. Special Metering Charge

For customers who purchase and install communications hardware and software to transfer energy load data from their meter/recorders to a personal computer, the District will charge a monthly service fee to cover maintenance, software support and the annual licensing fee.

V. Conditions

1. Type of Electric Service

Firm Service

Standard service where the District provides a continuous and sufficient supply of electricity.

2. 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:

- a. Secondary : This is the voltage class if the definition of "primary" and "69 kV" do not apply to a customer's service.
- b. Primary : This is the voltage class if a customer elects to accept service at a voltage level of 12 kV or 21 kV that is available in the area and the District approves such arrangements for a customer whose monthly demand exceeds 300 kW.
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Accounts with demands of 20 kW or greater may be subject to a power factor adjustment. The District, at its option, may place VAR metering equipment to record reactive power conditions. Effective January 1, 1998, when a customer's monthly power factor falls below 95% leading or lagging, the following billing adjustment will apply:

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Energy = the total monthly kWh for the account

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4. Time-of-Use Billing Periods

Super-peak hours include the following:

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Weekdays: Between 2:00 p.m. and 8:00 p.m.

On-peak hours include the following:

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Weekdays: Between 12:00 noon and 10:00 P.M.

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5. Billing

PRORATION OF CHARGES

BILLING CIRCUMSTANCE	Customer Charge	Demand/Facilities Charge	BASIS OF PRORATION
Less than 27 days or more than 34 days	Yes	Yes	Relationship between the length of the billing period and 30 days.
Winter/Summer season overlap	Yes	Yes	Relationship between the length of the billing period and the number of days winter and summer.

Meter reading for service rendered in accordance with this rate will not be combined for billing purposes unless the convenience of the District is served thereby.

(End)