

General Service Rate Schedule GS

I. Applicability

This schedule applies to non-residential general service accounts with billing demand that does not exceed 300 kW for 3 or more consecutive months. General Service customers include commercial, industrial or non-agricultural irrigation pumping accounts who take single or 3-phase service at nominal voltages designated by SMUD as available at the customer premise.

II. Non-Demand Metered Rates

This rate applies to 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 SMUD'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 and energy is less than 7,300 kWh for 12 consecutive months before being returned to the GSN_T rate.

The prices in this section are subject to annual revisions in accordance with attachment 1-GS-A. Revisions will occur annually on January 1.

Small Commercial GSN_T

SUMMER SEASON - JUNE 1 through SEPTEMBER 30

System Infrastructure Fixed Charge per month.....	\$12.00
Time of Use Electricity Usage Charges (see section V)	
On-Peak ¢/kWh.....	28.37¢
Off-Peak ¢/kWh.....	10.50¢

ALL OTHER MONTHS - OCTOBER 1 through MAY 31

System Infrastructure Fixed Charge per month.....	\$12.00
Electricity Usage Charge - ¢/kWh for all kWh.....	12.40¢

III. Non-Demand Non-Metered Rate

Where the monthly consumption of electricity is consistently small or can be predetermined with reasonable accuracy by reference to the capacity of equipment served and the hours of operations, SMUD may, with customer's consent, calculate electricity consumed in lieu of providing metering equipment. The calculated electricity consumption will be billed at the average of the Non-Demand Metered Rate (GSN_T) annual electricity usage charges. The system infrastructure fixed charge for this rate will be the same as the Non-Demand Metered Rate system infrastructure fixed charge (GSN_T).

Small Commercial GFN

ALL MONTHS

System Infrastructure Fixed Charge per month.....	\$12.00
Electricity Usage Charge (¢ per kWh) – all kWh.....	12.51¢

IV. Demand Metered Rates

This rate applies to 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 and energy is less than 7,300 kWh for 12 consecutive months before being returned to the GSN_T rate.

Small Commercial Demand-Metered Service GSS_T

SUMMER SEASON - JUNE 1 through SEPTEMBER 30

System Infrastructure Fixed Charge per month.....	\$22.00
Site Infrastructure Charge per 12 month maximum kW or installed capacity	\$6.80
Time of Use Electricity Usage Charges (see section V)	
On-Peak ¢/kWh.....	23.36¢
Off-Peak ¢/kWh.....	8.10¢

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Resolution No. 11-08-06 adopted August 4, 2011

Sheet No. 1-GS-1
Effective: January 1, 2012
Edition: January 1, 2012

General Service Rate Schedule GS

ALL OTHER MONTHS - OCTOBER 1 through MAY 31

System Infrastructure Fixed Charge per month.....	\$22.00
Site Infrastructure Charge per 12 month maximum kW or installed capacity	\$6.80
Electricity Usage Charge – ¢/kWh for all kWh.....	9.16¢

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

On-Peak Hours: Summer weekdays between 3:00 p.m. and 6:00 p.m., exclusive of July 4th and Labor Day holidays.
Off-Peak Hours: All other summer hours.

VI. Electricity Usage Surcharges

The following surcharges will apply to all kWh used per month subject to the conditions detailed in the following Tariff sheets:

Solar Surcharge, established to comply with state regulation, creates a fund for encouraging customer-owned solar power generation. See Tariff Sheet No. 1-SB-1 for further details, including current surcharge amount.

Hydro Generation Adjustment (HGA) will only apply when low levels of precipitation adversely affect SMUD's hydroelectric production. See Tariff Sheets No. 1-HGA-1-2 for further information on how the HGA is calculated and when it applies.

VII. Discontinuance of Service

Any customer resuming service within 12 months after discontinuing service will be required to pay the Site Infrastructure Charges and System Infrastructure Fixed 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 Site Infrastructure Charges and System Infrastructure Fixed Charges will be waived during each of those months.

VIII. Rate Option Menu

(A) Energy Assistance Program for Non-Profit Agencies

Please see Sheet No. 1-EAPR-1 for details on the Energy Assistance Program.

(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 SMUD's electrical system and 2) SMUD must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month)	Secondary	Primary	Sub-transmission
	\$6.25	\$4.95	\$2.50

"Contract Capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for District-provided power.

(C) Plug-in Electric Vehicle (PEV) Option

Owners of licensed commercial plug-in electric vehicles (PEV) and/or commercial battery electric or plug-in hybrid electric vehicles (PHEV) may choose to have a charging location be billed under the applicable rate schedule, excluding the GFN rate. The term PEV is meant to be inclusive of both Battery Electric Vehicle and Plug-in Hybrid Electric Vehicles.

General Service Rate Schedule GS

(D) Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments towards the installation of a photoelectric system at a selected community locale. See the SMUD website for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional charge for monthly energy of no less than 1/2¢ and no greater than 2¢ per kWh. SMUD may offer up to 3 premium rate options representing various blends of renewable resources within the 1/2¢ to 2¢ 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¢ premium limit.

(E) Implementation of Energy Efficiency Program or Installation of New Solar/Photovoltaic Systems

Customers who implement a District-sponsored Energy Efficiency program or a District-approved solar/photovoltaic system to offset their on-site energy usage may request a reset of their 12-month historical demand upon completion of the project.

(F) Net Metering for Solar Electric, Wind Turbine, and Biomass Generation Facilities

Please see Sheet No. 1-NM-1 for details on the Net Metering option.

IX. Special Metering Charge

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

X. Conditions

(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

Customers on this Rate Schedule may only apply for Secondary Service Voltage as defined below. Customers seeking an alternate class of voltage service must comply with the criteria listed below and apply under the applicable Rate Schedule.

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 "Sub-transmission".

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. Sub-transmission Service Voltage

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

General Service Rate Schedule GS

(C) Power Factor Adjustment

Accounts on a demand rate may be subject to a power factor adjustment. SMUD, at its option, may place Volt ampere-reactive (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

$$\text{Electricity Usage} \times \$0.0098 \times \left(\frac{95\%}{\text{Power Factor}} - 1 \right)$$

Electricity Usage = 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\$0.2588

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

(D) Billing

Meter reading 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.

PRORATION OF CHARGES

The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated during non-standard billing periods. The following table shows the basis for the proration during these circumstances.

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	

(End)

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 SMUD 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. 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 Voltage Level	Large C&I GUS_L Secondary	Large C&I GUP_L Primary	Large C&I GUT_L Sub-transmission
Winter Season - October 1 through May 31			
System Infrastructure Fixed Charge - per month per meter	\$96.70	\$96.70	\$256.10
Site Infrastructure Charge (<i>per 12 months max kW or installed capacity</i>)	\$3.60	\$3.45	\$2.75
Electricity Usage Charge			
On-Peak ¢/kWh	9.64¢	9.17¢	8.83¢
Off-Peak ¢/kWh	7.64¢	7.15¢	6.99¢
Summer Season - June 1 through September 30			
System Infrastructure Fixed Charge - per month per meter	\$96.70	\$96.70	\$256.10
Site Infrastructure Charge (<i>per 12 months max kW or installed capacity</i>)	\$3.60	\$3.45	\$2.75
Electricity Usage Charge			
Super-Peak ¢/kWh	15.03¢	12.39¢	12.03¢
On-Peak ¢/kWh	12.01¢	11.29¢	10.57¢
Off-Peak ¢/kWh	9.60¢	8.76¢	8.63¢

III. Electricity Usage Surcharges

The following surcharges will apply to all kWh used per month subject to the conditions detailed in the following Tariff sheets:

Solar Surcharge, established to comply with state regulation, creates a fund for encouraging customer-owned solar power generation. See Tariff Sheet No. 1-SB-1 for further details, including current surcharge amount.

Hydro Generation Adjustment (HGA) will only apply when low levels of precipitation adversely affect SMUD's hydroelectric production. See Tariff Sheets No. 1-HGA-1-2 for further information on how the HGA is calculated and when it applies.

IV. Rate Option Menu

(A) Energy Assistance Program Rate (EAPR) for Non-Profit Agencies

Please see Sheet No. 1-EAPR-1 for details on the Energy Assistance Program Rate.

(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 System Infrastructure Fixed Charges. The following criteria 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. Special facilities charges applied to recover additional meter/metering expense.
5. Single point of contact at the place of business both for billing and service questions.
6. All accounts served from a common rate and service voltage.
7. Use of parallel systems for shifting load between different rate offerings will be considered a violation of terms of this agreement. SMUD shall have the right to corrective billing on a single rate and full reimbursement of waived System Infrastructure Fixed Charges.
8. This type of service requires interval metering on each service entrance. Customers at the secondary service level will be required to pay the System Infrastructure Fixed Charge associated with primary service to account for additional costs to SMUD. A monthly service fee will be charged for the additional costs of multiple site metering.

Large General Service Time of Use Rate Schedule GS-TOU1

(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 SMUD's electrical system, and 2) SMUD must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge (\$/kW of Contract Capacity per month)	Secondary	Primary	Sub-transmission
	\$6.25	\$4.95	\$2.50

"Contract Capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for District-provided power.

(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. 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. Qualified customers will receive a reduction of the System Infrastructure Fixed Charge, Maximum Demand Charge, Site Infrastructure Charge and Electricity Usage components of their bill, based on the table below.

Economic Development Discount				
Year 1	Year 2	Year 3	Year 4	Year 5
5%	3%	1%	0%	0%

(E) Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments towards the installation of a photoelectric system at a selected community locale. See the SMUD website for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional charge for monthly energy of no less than 1/2¢ and no greater than 2¢ per kWh. SMUD may offer up to three premium rate options representing various blends of renewable resources within the 1/2¢ to 2¢ 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¢ premium limit.

(F) 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 consumption may request a reset of their 12-month historical demand upon completion of the project.

(G) Net Metering for Solar Electric, Wind Turbine, and Biomass Generation Facilities

Please see Sheet No. 1-NM-1 for details on the Net Metering option.

V. 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, SMUD will charge a monthly service fee to recover maintenance, software support costs and the annual licensing fee.

VI. Conditions

(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.

Large General Service Time of Use Rate Schedule GS-TOU1

(B) Service Voltage Definition

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

1. Secondary Service Voltage

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

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. Sub-transmission Service Voltage

This sub-transmission 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

Accounts with demands of 20 kW or greater may be subject to a power factor adjustment. SMUD, 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:

$$\text{Electricity Usage} \times \$0.0098 \times \left(\frac{95\%}{\text{Power Factor}} - 1 \right)$$

Electricity Usage = 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\$0.2588
KVAR = maximum 12 month KVAR in excess of 33% of kW.

(D) 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 all other hours not defined as super-peak or on-peak, including all day on weekends and the holidays in the following table:

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

**Large General Service
Time of Use
Rate Schedule GS-TOU1**

(E) Billing

Meter reading 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.

PRORATION OF CHARGES

The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated during non-standard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration during these circumstances.

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	

(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 SMUD 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. 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 Voltage Level	Medium GUS_M Secondary	Medium GUP_M Primary	Medium GUT_M Sub-transmission
Winter Season - October 1 Through May 31			
System Infrastructure Fixed Charge - per month per meter	\$96.70	\$96.70	\$256.10
Site Infrastructure Charge (<i>per 12 months max kW or installed capacity</i>)	\$2.55	\$2.25	\$1.85
Electricity Usage Charge			
On-Peak ¢/kWh	9.19¢	8.69¢	8.37¢
Off-Peak ¢/kWh	7.28¢	6.89¢	6.75¢
Summer Season - June 1 Through September 30			
System Infrastructure Fixed Charge - Per month per meter	\$96.70	\$96.70	\$256.10
Site Infrastructure Charge (<i>per 12 months max kW or installed capacity</i>)	\$2.55	\$2.25	\$1.85
Maximum Demand Charge (<i>\$/monthly super peak max kW</i>)	\$6.25	\$5.75	\$0.00
Electricity Usage Charge			
Super-Peak ¢/kWh	17.44¢	16.60¢	16.12¢
On-Peak ¢/kWh	12.01¢	11.58¢	10.85¢
Off-Peak ¢/kWh	9.24¢	8.80¢	8.66¢

III. Electricity Usage Surcharges

The following surcharges will apply to all kWh used per month subject to the conditions detailed in the following Tariff sheets:

Solar Surcharge, established to comply with state regulation, creates a fund for encouraging customer-owned solar power generation. See Tariff Sheet No. 1-SB-1 for further details, including current surcharge amount.

Hydro Generation Adjustment (HGA) will only apply when low levels of precipitation adversely affect SMUD's hydroelectric production. See Tariff Sheets No. 1-HGA-1-2 for further information on how the HGA is calculated and when it applies.

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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 System Infrastructure Fixed Charges. The following criteria 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. Special facilities charges applied to recover additional meter/metering expense.
5. Single point of contact at the place of business both for billing and service questions.
6. All accounts served from a common rate and service voltage.
7. Use of parallel systems for shifting load between different rate offerings will be considered a violation of terms of this agreement. SMUD shall have the right to corrective billing on a single rate and full reimbursement of waived System Infrastructure Fixed Charges.
8. This type of service requires interval metering on each service entrance. Customers at the secondary service level will be required to pay the System Infrastructure Fixed Charge associated with primary service to account for additional costs to SMUD. A monthly service fee will be charged for the additional costs of multiple site metering.

Medium General Service Time of Use Rate Schedule GS-TOU2

(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 SMUD's electrical system, and 2) SMUD must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month)	Secondary	Primary	Sub-transmission
	\$6.25	\$4.95	\$2.50

"Contract Capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include customer and facility charges, as well as Maximum Demand and Electricity Usage Charges for SMUD-provided power.

(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. 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. Qualified customers will receive a reduction of the System Infrastructure Fixed Charge, Maximum Demand Charge, Site Infrastructure Charge and Electricity Usage components of their bill, based on the table below.

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5%	3%	1%	0%	0%

(E) Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments towards the installation of a photoelectric system at a selected community locale. See the SMUD website for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional charge for monthly energy of no less than 1/2¢ and no greater than 2¢ per kWh. SMUD may offer up to three premium rate options representing various blends of renewable resources within the 1/2¢ to 2¢ 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¢ premium limit.

(F) 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 consumption may request a reset of their 12-month historical demand upon completion of the project.

(G) Net Metering for Solar Electric, Wind Turbine, and Biomass Generation Facilities

Please see Sheet No. 1-NM-1 for details on the Net Metering option.

V. 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, SMUD will charge a monthly service fee to recover maintenance, software support costs and the annual licensing fee.

VI. Conditions

(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.

Medium General Service Time of Use Rate Schedule GS-TOU2

(B) Service Voltage Definition

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

1. Secondary Service Voltage

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

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. Sub-transmission Service Voltage

This sub-transmission 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

Accounts with demands of 20 kW or greater may be subject to a power factor adjustment. SMUD, 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:

$$\text{Electricity Usage} \times \$0.0098 \times \left(\frac{95\%}{\text{Power Factor}} - 1 \right)$$

Electricity Usage = 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\$0.2588

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

(D) 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 all other hours not defined as super-peak or on-peak, including all day on weekends and the holidays in the following table:

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

**Medium General Service
Time of Use
Rate Schedule GS-TOU2**

(E) Billing

Meter reading 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.

PRORATION OF CHARGES

The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated during non-standard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration during these circumstances.

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	

(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 SMUD 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 taking service at the secondary level will remain on this rate schedule until their demand falls below 300 kW for 12 consecutive months.

II. Firm Service Rate

Rate Category	Small GUS_S Secondary	Small GUP_S Primary
Winter Season - October 1 through May 31		
System Infrastructure Fixed Charge - per month per meter	\$96.70	\$96.70
Site Infrastructure Charge (<i>per 12 months max kW or installed capacity</i>)	\$3.40	\$3.05
Electricity Usage Charge		
On-peak ¢/kWh	9.33¢	8.81¢
Off-peak ¢/kWh	7.40¢	7.00¢
Summer Season - June 1 through September 30		
System Infrastructure Fixed Charge - per month per meter	\$96.70	\$96.70
Site Infrastructure Charge (<i>per 12 months max kW or installed capacity</i>)	\$3.40	\$3.05
Maximum Demand Charge (<i>\$/monthly super peak max kW</i>)	\$6.85	\$6.25
Electricity Usage Charge		
Super-peak ¢/kWh	17.96¢	17.09¢
On-peak ¢/kWh	12.27¢	11.82¢
Off-peak ¢/kWh	9.75¢	9.28¢

III. Electricity Usage Surcharges

The following surcharges will apply to all kWh used per month subject to the conditions detailed in the following Tariff sheets:

Solar Surcharge, established to comply with state regulation, creates a fund for encouraging customer-owned solar power generation. See Tariff Sheet No. 1-SB-1 for further details, including current surcharge amount.

Hydro Generation Adjustment (HGA) will only apply when low levels of precipitation adversely affect SMUD's hydroelectric production. See Tariff Sheets No. 1-HGA-1-2 for further information on how the HGA is calculated and when it applies.

IV. Rate Option Menu

(A) Energy Assistance Program Rate (EAPR) for Non-Profit Agencies

Please see Sheet No. 1-EAPR-1 for details on the Energy Assistance Program.

(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 System Infrastructure Fixed Charges. The following criteria 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. Special facilities charges applied to recover additional meter/metering expense.
5. Single point of contact at the place of business both for billing and service questions.
6. All accounts served from a common rate and service voltage.
7. Use of parallel systems for shifting load between different rate offerings will be considered a violation of terms of this agreement. SMUD shall have the right to corrective billing on a single rate and full reimbursement of waived System Infrastructure Fixed Charges.
8. This type of service requires interval metering on each service entrance. Customers at the secondary service level will be required to pay the System Infrastructure Fixed Charge associated with primary service to account for additional costs to SMUD. A monthly service fee will be charged for the additional costs of multiple site metering.

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

(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 SMUD's electrical system, and 2) SMUD must stand ready to provide backup or maintenance service to replace the generator(s).

Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month)	Secondary	Primary	Sub-transmission
	\$6.25	\$4.95	\$2.50

"Contract Capacity" is a fixed kilowatt value determined by the rating of the generator unit. In addition to the standby service charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for SMUD-provided power.

(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. 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. Qualified customers will receive a reduction of the System Infrastructure Fixed Charge, Maximum Demand Charge, Site Infrastructure Charge and Electricity Usage components of their bill, based on the table below.

Economic Development Discount				
Year 1	Year 2	Year 3	Year 4	Year 5
5%	3%	1%	0%	0%

(E) Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments towards the installation of a photoelectric system at a selected community locale. See the SMUD website for further information on monthly contribution options and currently identified projects.

2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional charge for monthly energy of no less than 1/2¢ and no greater than 2¢ per kWh. SMUD may offer up to three premium rate options representing various blends of renewable resources within the 1/2¢ to 2¢ 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¢ premium limit.

(F) 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 consumption may request a reset of their 12-month historical demand upon completion of the project.

(G) Net Metering for Solar Electric, Wind Turbine, and Biomass Generation Facilities

Please see Sheet No. 1-NM-1 for details on the Net Metering option.

V. Special Metering Charge

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

VI. Conditions

(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.

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

(B) Service Voltage Definition

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

1. Secondary Service Voltage

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

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. Sub-transmission Service Voltage

This sub-transmission 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

Accounts with demands of 20 kW or greater may be subject to a power factor adjustment. SMUD, 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:

$$\text{Electricity Usage} \times \$0.0098 \times \left(\frac{95\%}{\text{Power Factor}} - 1 \right)$$

Electricity Usage = 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\$0.2588

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

(D) 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 all other hours not defined as super-peak or on-peak, including all day on weekends and the holidays in the following table:

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

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

(E) Billing

Meter reading 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.

PRORATION OF CHARGES

The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated during non-standard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration during these circumstances.

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	

(End)