

# Residential Service Rate Schedule R

## I. Applicability

This schedule is applicable to single and three-phase residential service in single-family residences and in flats and apartments individually metered by the District; to single and three-phase general farm service where the residence is supplied through the same meter or to additional meters on a farm where the energy consumed is only for domestic purposes; to single and three-phase residential service supplied to a multifamily accommodation through a master-meter or to a mobile home park through a master-meter and sub-metered to all individual mobile home or single-family units.

## II. Rates

### WINTER SEASON - NOVEMBER 1 Through APRIL 30

#### Standard Rate (Rate Categories RSE, RWE, RSG, RWG)

Service charge.....\$5.00

#### Energy Charge:

Tier I Baseline Quantities per month .....8.61¢ per kWh

Tier II Quantities per month.....14.76¢ per kWh

Tier III Excess per month.....16.00¢ per kWh

Solar Surcharge.....0.10¢ per kWh

#### Electric Space Heat Rate \*\* (CLOSED) (Rate Categories RSC, RWC)

Service charge per month or portion thereof.....\$5.00

#### Energy Charge:

Tier I Baseline Quantities per month .....6.66¢ per kWh

Tier II Quantities per month.....11.40¢ per kWh

Tier III Excess per month.....12.32¢ per kWh

Solar Surcharge.....0.10¢ per kWh

### SUMMER SEASON - MAY 1 Through OCTOBER 31

#### Standard Rate (Rate Categories RSE, RWE, RSC, RWC, RSG, RWG)

Service charge.....\$5.00

#### Energy Charge:

Tier I Baseline Quantities per month .....9.29¢ per kWh

Tier II Quantities per month.....15.73¢ per kWh

Tier III Excess per month.....17.46¢ per kWh

Solar Surcharge.....0.10¢ per kWh

### WINTER TIER QUANTITIES - NOVEMBER 1 THROUGH APRIL 30

Rate Category	RSE, RSC	RWE, RWC	RSG	RWG
Tier I kWh per month	0-1120	0-1420	0-620	0-920
Tier II kWh per month	1121-1400	1421-1700	621-825	921-1125
Tier III kWh per month	>1400	>1700	>825	>1125

### SUMMER TIER QUANTITIES - MAY 1 THROUGH OCTOBER 31

	RSE, RSC, RSG	RWE, RWC, RWG
Tier I kWh per month	0-700	0-1000
Tier II kWh per month	701-1000	1001-1300
Tier III kWh per month	>1000	>1300

\*\*The Winter Season (CLOSED) Electric Space Heat Rate is no longer available to new installations of electric space heat equipment, effective May 1, 1996. Any new occupant to a current premise with (CLOSED) Rate Categories RSC, RTC, or RWC will be placed on the Standard Rate (Rate Categories RSE, RWE) or on the Time-of-Use (Rate Category RTE) if applicable, upon application for service. New occupants and new customers installing electric space heat equipment (Rate Categories RSE, RWE) shall be entitled to the Tier 1 Baseline Quantities for Electric Space Heat and billed the Standard Rate.

## III. Optional Medical Equipment Discount and Energy Assistance Programs

### SACRAMENTO MUNICIPAL UTILITY DISTRICT

Resolution No. 07-06-09 adopted June 21, 2007

Sheet No. 1-R-1  
January 1, 2008

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## Medical Equipment Discount Program

A discount of 30 percent of the service charge and 35 percent of the energy charges for the Tier I Baseline Quantities per month and 30 percent of the energy charges for the Tier II and Tier III Quantities per month for residential customers who certify that a full-time resident of the household requires regular use of a medical equipment device that is essential to sustain life or relied upon for mobility as outlined in Sheet No. 1-MED-1.

## Energy Assistance Program

A discount of 30 percent of the service charge and 35 percent of the energy charges for the Tier I Baseline Quantities per month and 30 percent of the energy charges for the Tier II and Tier III Quantities per month is applied for low-income residential customers who meet the eligibility requirements as specified in Sheet No. 1-EAPR-1.

## Medical Equipment Discount & Energy Assistance Programs

For residential customers qualifying for both Medical Equipment Discount and Energy Assistance Program options, a discount of 50 percent of the service charge and 55 percent of the energy charges for the Tier I Baseline Quantities per month and 30 percent of the energy charges for the Tier II and Tier III Quantities per month.

## IV. Optional Time-of-Use Rates

*Option 1* (Rate Categories RTE, RTC, RTG)

### WINTER SEASON - NOVEMBER 1 Through APRIL 30

Service charge .....	\$5.00
On-Peak ¢/kWh .....	9.56¢
Off-Peak ¢/kWh .....	8.72¢
Solar Surcharge .....	0.10¢

### SUMMER SEASON - MAY 1 Through OCTOBER 31

Service charge .....	\$5.00
On-Peak ¢/kWh .....	21.02¢
Off-Peak ¢/kWh .....	9.74¢
Solar Surcharge .....	0.10¢

### Trial Time-of-Use Billing

Residential customers shall be entitled to a 12-month trial period for option 1 in which the customer shall receive a credit (after 12 months of billing on the option at Time-of-Use Rates) for the accumulated difference, if applicable, between the Standard Rate and the Optional Time-of-Use, after which either the Standard Rate or the Optional Time-of-Use Rate must be selected. If the Optional Time-of-Use Rate is selected, customers subsequently requesting a transfer from the Optional Time-of-Use Rate to the Standard Rate may not return to the Optional Time-of-Use Rate for a 12-month period.

*Option 2* (Rate Categories RTE5, RTC5, RTG5)

### WINTER SEASON - OCTOBER 1 Through MAY 31

Service Charge .....	\$10.00
On-Peak ¢/kWh .....	9.64¢
Off-Peak ¢/kWh .....	8.85¢
Solar Surcharge .....	0.10¢

### SUMMER SEASON - JUNE 1 Through SEPTEMBER 30

Service Charge .....	\$10.00
Super-Peak ¢/kWh .....	21.30¢
On-Peak ¢/kWh .....	14.18¢
Off-Peak ¢/kWh .....	8.76¢
Solar Surcharge .....	0.10¢

## V. Rate Option Menu

### (A) Residential Thermal Energy Storage Option (Rate Category, RTT) (CLOSED)

Residential customers who are equipped with a Residential Thermal Energy Storage (RTES) system *or* who may qualify by meeting the load criteria established for RTES including the lockout of space-conditioning compressors during the on-peak period, and who are billed on the Optional Time-of-Use Rate (Option 1), shall be entitled to a credit of 2.45¢ per kWh off the winter off-peak energy charge, 5.45¢ per kWh off the summer on-peak energy charge, and 2.70¢ per kWh off the summer off-peak energy charge.

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Rate Category RTT will no longer be available to new occupants as well as new installations of RTES systems, or other qualifying equipment effective June 1, 1997. At the time of application for service, new occupants of a current premise with (CLOSED) Rate Category RTT will be placed on the standard time-of-use rate (Rate Category RTE) and will be informed of other rate options available to them.

## **(B) Standby Service Option**

This option is for residential customers who operate, in whole or in part, privately-owned generator(s) with a contract capacity (combined nameplate rating) less than 100 kW on their premises, and are connected to the District's electrical system requiring the District to standby ready to provide backup or maintenance service to replace the generator(s). Charges for Standby Service are as follows:

ALL MONTHS - (January 1 Through December 31)

Standby Charge (\$ per kW):

Based on contract capacity per month.....\$5.51

Energy Charges:

All energy provided to the customer by the District will be billed at the applicable energy charges under the Standard Rate or Optional Time-of-Use Rate.

## **(C) Electric Vehicle (EV) Option**

This option is for residential customers who own licensed passenger electrical vehicles, and take service under the optional Time-of-Use Rate (Option 1) upon proof of vehicle registration.

Installation of a time-of-use meter on the charging location and billing under the Optional Time-of-Use Rate (Option 1) with a credit of 2.20¢ per kWh off the off-peak energy charge, the service charge will be waived. (Rate Category RTEV)

## **(D) Residential PV Pioneer Green Fee**

This option is for residential customers who participate in the District's "PV Pioneer Project." Participation in the "PV Pioneer Project" shall be at the sole discretion of the District.

Green Fee per month.....\$4.00

## **(E) Net Metering for Solar Electric, Wind Turbine, and Biomass Generation Facilities**

The net metering option is applicable to residential, small commercial, commercial, industrial, or agricultural customers who have a solar or wind electrical generation facility, or a hybrid system of both, or biomass with a capacity of not more than 1000 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-half of one-percent (0.5%) of SMUD's total system load. The customer must sign the appropriate SMUD interconnection agreement.

### **1. Net Energy Metering for Residential.**

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 photovoltaic (PV) systems, an additional meter for PV generation will be supplied as part of the system package. Customers may elect to pay the estimated outstanding balance each month to minimize year-end settlements. At the end of each twelve (12) month period from the origination of the net metering agreement, SMUD may issue payment to SMUD energy customers for any excess kWh supplied to SMUD during the prior year. Monthly net energy consumed or generated will be billed or credited at the applicable tier or time-of-use rate.

### **2. Standby Charges**

Customers who qualify for Net Metering are exempt from current standby charges on that portion of their load.

## **(F) Residential Three-phase Service Option**

This option is applicable to customers in areas where three-phase service is available. The District shall charge a monthly service fee of \$34.24 for Special Facilities to cover the additional costs for providing this service.

## **(G) Green Pricing Options**

### **1. SMUD Community Solar Option**

Customers electing this premium service option will receive an additional monthly energy charge 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.

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## 2. SMUD Renewable Energy Option

Customers electing this premium power service will receive an additional monthly energy charge 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.

## 3. Flat Fee Options:

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

Green Fee flat charge per month 100% option \$6.00

Green Fee flat charge per month 50% option \$3.00

## VI. Special Metering Charge

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

## VII. Conditions

### A. Electric Space Heat

Tier Quantities for electric space heat are applicable to residential customers where no domestic space heat equipment other than electric, or solar with electric backup, is installed. The use of residential thermal energy storage, dual fuel heat pumps, or individual heat pumps equipped with central source systems deriving the majority from solar collectors will qualify under this definition. Effective September 1, 1980, this rate was closed to new installation of electric resistance heating unless the installation meets at least one of the following two conditions:

1. The electric resistance system is used to supplement a heating and/or cooling system by at least 60 percent of the annual energy requirement and is supplied by a device using a non-depletable source of energy.
2. The electric resistance system is used to supplement a heat pump system.

### B. Domestic Well

Tier Quantities for domestic wells are applicable to residential customers who own and operate a well, that is their sole source of domestic water, and whereby the well is billed on the residential rates.

### C. Master-Metered Multifamily Accommodation and Mobile Home Park Billing (Rate Category RMHP)

The master-metered customer's energy consumption will be billed under the Tier Quantities using the ratio of the number of occupied single-family accommodations which are Electric or Non-Electric Space Heat to the total number of occupied single-family accommodations. The billing calculation will include applicable discounts to the Tier 1 baseline and service charges for qualifying energy assistance and life support program participants. It is the responsibility of the customer to advise the District within 15 days following any change in the number of occupied single-family accommodations wired for electric service and/or any change in the number of qualifying life support and/or energy assistance program participants, and/or new occupants of the existing premises with Rate Categories RSC or RWC.

### D. Time-of-Use Billing Periods

The following defines the time periods for the optional time-of-use rates:

- a. Option 1 (Rate Categories RTE, RTC, RTG, RTT)

On-peak hours include the following:

WINTER SEASON - NOVEMBER 1 Through APRIL 30

Weekdays Between 7:00 a.m. and 10:00 a.m., and 5:00 p.m. and 8:00 p.m.

SUMMER SEASON - MAY 1 Through OCTOBER 31

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

Off-peak hours include the following:

ALL SEASONS - JANUARY 1 through DECEMBER 31

All day on Saturdays, Sundays and the following holidays:

Martin Luther King Jr.'s Birthday 3rd Mon. in Jan.

Presidents Day 3rd Mon. in Feb.

Memorial Day Last Mon. in May

Labor Day 1st Mon. in Sep.

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Thanksgiving Day	4th Thu. in Nov.
New Year's Day	January 1
Lincoln's Birthday	February 12
Independence Day	July 4
Columbus Day	October 12
Veterans Day	November 11
Christmas Day	December 25

All other hours not defined as super-peak or on-peak.

b. Option 2 (Rate Categories RTE5, RTC5, RTG5)

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 SEASONS - JANUARY 1 through DECEMBER 31

All day on Saturdays, Sundays and the following holidays:

Martin Luther King Jr.'s Birthday	3rd Mon. in Jan.
Presidents Day	3rd Mon. in Feb.
Memorial Day	Last Mon. in May
Labor Day	1st Mon. in Sep.
Thanksgiving Day	4th Thu. in Nov.
New Year's Day	January 1
Lincoln's Birthday	February 12
Independence Day	July 4
Columbus Day	October 12
Veterans Day	November 11
Christmas Day	December 25

and all other hours not defined as super-peak or on-peak.

### E. Billing

#### PRORATION OF CHARGES

BILLING CIRCUMSTANCE	Customer Charge	Energy Tiers/ Discounts	BASIS OF PRORATION
Less than 27 days or More than 34 days	No	Yes	Relationship between the length of the billing period and 30 days.
Winter/summer season overlap	No	Yes	Relationship between the length of the billing Period & the number of days winter and summer.

(End)