

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 submetered 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)

(Rate Codes RS09, RL09, RW09, RS17, RL17, RW17)

Customer charge per month or portion thereof\$5.00

Energy Charge:

Tier I Baseline Quantities per month7.378¢ per kWh
Tier II Quantities per month12.995¢ per kWh
Tier III Excess per month14.231¢ per kWh
Energy Surcharge - All kWh ¢/kWh*0.263¢ per kWh

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

(Rate Codes RS14, RL14, RW14)

Customer charge per month or portion thereof\$5.00

Energy Charge:

Tier I Baseline Quantities per month5.431¢ per kWh
Tier II Quantities per month9.633¢ per kWh
Tier III Excess per month10.549¢ per kWh
Energy Surcharge - All kWh ¢/kWh*0.263¢ per kWh

SUMMER SEASON - MAY 1 Through OCTOBER 31

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

(Rate Codes RS09, RL09, RW09, RS14, RL14, RW14, RS17, RL17, RW17)

Customer charge per month or portion thereof\$5.00

Energy Charge:

Tier I Baseline Quantities per month8.058¢ per kWh
Tier II Quantities per month13.965¢ per kWh
Tier III Excess per month15.688¢ per kWh
Energy Surcharge - All kWh ¢/kWh*0.263¢ 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

* Applicable to all kWh, except Tier I EAPR and Life Support, effective May 3, 2001; the energy surcharge includes a .263¢ 36-month Power Supply Reserve surcharge.

**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 (Rate Codes RS14, RL14, RT14, or RW14) will be placed on the Standard Rate (Rate Categories RSE, RWE) (Rate Codes RS09, RL09, RW09) or on the Time-of-Use (Rate Category RTE) (Rate Code RT09) if applicable, upon application for service. New occupants and new customers installing electric space heat equipment (Rate Categories RSE, RWE) (Rate Codes RS09, RL09, RW09) shall be entitled to the Tier I Baseline Quantities for Electric Space Heat and billed the Standard Rate.

(Continued)

Note: Rate Codes were modified to Rate Categories based on SMUD billing system changes effective October 2000.

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Supersedes Sheet No. 1-R-1 dated May 3, 2001
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Sheet No. **1-R-1**
Effective: **May 3, 2002**

Residential Service Rate Schedule R (Continued)

III. Optional Life Support and Energy Assistance Programs

Life Support Program

A discount of 30 percent of the customer charge and the energy charges for the Tier I Baseline Quantities per month for residential customers who certify that a full-time resident of the household requires regular use of a life support device that is essential to sustain life or relied upon for mobility as outlined in Sheet No. 1-80-1. The Energy Surcharge does not apply to Tier I kWh for Life Support customers.

Energy Assistance Program

A discount of 30 percent of the customer charge and the energy charges for the Tier I Baseline Quantities per month for low income residential customers who meet the eligibility requirements as specified in Sheet No. 1-81-1. The Energy Surcharge does not apply to Tier I kWh for Energy Assistance program customers.

Life Support & Energy Assistance Programs

For residential customers qualifying for both Life Support and Energy Assistance Program options, a discount of 50 percent of the customer charge and energy charges for the Tier I Baseline Quantities per month. The Energy Surcharge does not apply to Tier I kWh for Life Support and Energy Assistance Program Customers.

IV. Optional Time-of-Use Rates

Option 1

ALL SEASONS - JANUARY 1 Through DECEMBER 31

Time-of-Use Rate (Rate Categories RTE, RTC, RTG)

(Rate Codes RT09, RT14, RT17)

Optional Time-of-Use Rate.

Winter

Customer charge-per month or portion there of	\$5.00
On-Peak ¢/kWh	8.335¢
Off-Peak ¢/kWh	7.491¢
Energy Surcharge - All kWh ¢/kWh*	0.263¢

Summer

Customer charge-per month or portion there of	\$5.00
On-Peak ¢/kWh	19.793¢
Off-Peak ¢/kWh	8.514¢
Energy Surcharge - All kWh ¢/kWh*	0.263¢

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 Rate) 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 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

Optional 5 period rate (Rate Category RTO)

Winter

Customer Charge-per month or portion there of	\$10.00
On-Peak ¢/kWh	8.411¢
Off-Peak ¢/kWh	7.620¢
Energy Surcharge - All kWh ¢/kWh*	0.263¢

Summer

Customer Charge per month or portion there of	\$10.00
Super-Peak ¢/kWh	20.070¢
On-Peak ¢/kWh	12.948¢
Off-Peak ¢/kWh	7.532¢
Energy Surcharge - All kWh ¢/kWh*	0.263¢

* Applicable to all kWh, except Tier I EAPR and Life Support, effective May 3, 2001; the energy surcharge includes a .263¢ 36-month Power Supply Reserve surcharge.

(Continued)

Note: Rate Codes were modified to Rate Categories based on SMUD billing system changes effective October 2000.

SACRAMENTO MUNICIPAL UTILITY DISTRICT

Supersedes Sheet No. 1-R-2 dated May 3, 2001
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Sheet No. **1-R-2**
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Residential Service Rate Schedule R (Continued)

V. Rate Option Menu

(A) Residential Thermal Energy Storage Option (Rate Category, RTT) (Rate Code RT11) (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 1.824¢ per kWh of the winter off-peak energy charge, 4.819¢ per kWh off the summer on-peak energy charge, and 2.073¢ per kWh off the summer off-peak energy charge.

Rate Category RTT (Rate Code RT11) 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 (Rate Code RT11) will be placed on the standard time-of-use rate (Rate Category RTE) (Rate Code RT09) 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 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\$5.15

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 1.777¢ per kWh of the off-peak energy charge, the customer charge will be waived. (Rate Category RTEV) (Rate Code 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 and Wind Turbine Generation Facilities*

The net metering option is applicable to residential and non-demand metered customers who own and operate a solar or wind electrical generation facility 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 twelve (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 1000 kW capacity. Monthly net energy consumed or generated will be billed or credited at the applicable tier or time-of-use rate. Customer charges will remain the same as for other customers in the applicable rate category.

Note: Rate Codes were modified to Rate Categories based on SMUD billing system changes effective October 2000.

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SACRAMENTO MUNICIPAL UTILITY DISTRICT

Supersedes Sheet No. 1-R-3 dated May 3, 2001
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Sheet No. **1-R-3**
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Residential Service Rate Schedule R (Continued)

(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 \$32 for Special Facilities to cover the additional costs for providing this service.

V. Rate Option Menu (Continued)

(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.

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/recorders 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 nondepletable 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) (Rate Code RS19)

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 customer 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 (Rate 14) premises with Rate Categories RSC or RWC.

(Continued)

Note: Rate Codes were modified to Rate Categories based on SMUD billing system changes effective October 2000.

SACRAMENTO MUNICIPAL UTILITY DISTRICT

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Residential Service Rate Schedule R (Continued)

VII. Conditions (Continued)

4. Time-of-Use Rate Periods

Option 1

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 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 on-peak.

Option 2

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 SEASONS - JANUARY 1 through DECEMBER 31

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

5. 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)

Note: Rate Codes were modified to Rate Categories based on SMUD billing system changes effective October 2000.

SACRAMENTO MUNICIPAL UTILITY DISTRICT

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