



Addendum and Errata to the General Manager's Report and Recommendation on

Rates and Services

Volume 4, Addendum 2, Errata 1
June 14, 2013



General Manager's Report and Recommendation on

Rates and Services

*Addendum No. 2 and Errata No. 1 to the General Manager's
Report and Recommendation on Rates and Services Dated
May 2, 2013*

June 14, 2013

A Sacramento Municipal Utility District Publication

General Manager's Report and Recommendation on Rates and Services, Addendum No. 2 and Errata No. 1

June 14, 2013

Prepared by:

Sacramento Municipal Utility District's
Pricing Division of Resource Planning, Pricing & Commodity Risk
Management

under the direction of:

John DiStasio, General Manager & CEO

For additional copies of this volume, or for information on issues
included in the report, call SMUD at:

1-888-742-SMUD (7683)

Contents

- Overview 4
- Addendum No. 2 5
 - 1. Small General Service Eligibility (GSS_S Rate)..... 5
 - 2. Nonagricultural Irrigation 6
 - 3. Update Rule and Regulation 18 6
 - 4. Renewable Energy Bill Credit..... 7
 - 5. General Changes to Rates, Rules and Regulations..... 7
 - 6. Smart Pricing Pilot Rates 12
- Errata No. 1 16
- Environmental Assessment..... 18

Overview

This document, consisting of Addendum No. 2 and Errata No. 1, adds supplementary recommendations and corrections to the General Manager’s Report and Recommendation on Rates and Services (“Report”) dated May 2, 2013. The areas addressed include the following:

Addendum No. 2

- Small General Service Eligibility (GSS_S Rate),
- Nonagricultural Irrigation,
- Update Rule and Regulation 18,
- Renewable Energy Billing Credit,
- General Changes to Rates, Rules and Regulations,
- Smart Pricing Pilot Rates , and

Errata No. 1

- Minor Corrections to the Report, including certain Rate Schedules and Rules and Regulations.

Addendum No. 2

1. Small General Service Eligibility (GSS_S Rate)

Purpose

The Report contains a recommendation to add a kWh component to the applicability for the GSS_T rate. This will result in keeping many small commercial customers that are on the cusp of the GSS_T rate on the GSN_T rate unless the customers exceed both the energy and demand thresholds. The Report recommendation should have also applied to legacy rates GSS_S and GSN, which include accounts which have not yet transitioned to new meters with time-of-use capabilities. As used in this section of the addendum GSS_T includes the legacy rate GSS_S and GSN_T includes the legacy rate GSN.

Due to changes effective January 2012, many GSN_T customers with very low electricity consumption have been moved to the GSS_T demand rate and are experiencing unintended bill increases due to the demand charges. The proposal in the Report is effective January 1, 2014 and under the provisions of the new rate schedule, the GSS_T customer must be below 21 kW for 12 months in order to return to the GSN_T rate. Accordingly, the customers that were moved from GSN_T to GSS_T since 2012 are caught between the 2012 criteria and the 2014 criteria without a means to return to the GSN_T for up to another 12 months.

This Addendum proposes to include the legacy rate GSS_S in the eligibility changes that require a kWh threshold and to provide a one-time exception for certain customers that have been placed on the higher GSS_S legacy rate or the GSS_T rate.

Recommendation

The following is recommended effective September 1, 2013:

- Allow any customer that moved from GSN_T to GSS_T since January 1, 2012 to return to the GSN_T rate if their account did not have three consecutive months of consumption at 7300 kWh or more during the prior 12 months, and
- During the period September 1, 2013 through December 31, 2013 do not allow accounts which fail to meet the 7300 kWh usage threshold to move to the GSS_T rates.

2. Nonagricultural Irrigation

Purpose

In 2001 the rates for Agricultural (AG) and General Service (GS) accounts with monthly maximum demands of 299 kW or less were on the same Rate Schedule, 1-GS. The applicability section specifies that irrigation pumping loads for nonagricultural purposes qualify for the Agricultural rates.

When the new Rate Schedule, 1-AG, was created the applicability for non-agricultural irrigation was not deleted from the 1-GS rate schedule. This has caused confusion about which rate applies for this type of load.

Pumping loads of 299 kW or less for nonagricultural irrigation purposes qualify for the AG rate not the GS rate. If a pumping load for nonagricultural irrigation demand exceeds 299 kW the account will be placed on the applicable 1-GS-TOU1, TOU2, or TOU3 rate.

Recommendation

Delete the wording relating to “*General Service customers include commercial and nonagricultural irrigation pumping accounts*” in the “Applicability” section of the 1-GS Rate Schedule, as indicated on page 1 of Rate Schedule 1-GS effective January 1, 2014 and January 1, 2015 included in this addendum.

3. Update Rule and Regulation 18

Purpose

Rule and Regulation 18 concerns the sale and resale of electricity to master-metered customers. The proposed changes to Rule and Regulation 18 provide clarification and codification of existing policies and operating practices regarding mobile home parks, and takes into account the new proposed Renewable Energy Bill Credit rate schedule for master metered customers that choose to install a renewable generation facility.

Recommendation

Adopt the proposed changes as incorporated in the attached Rule and Regulation 18 with an effective date of August 2, 2013.

4. Renewable Energy Bill Credit

Purpose

Recognizing that a previously unrealized distributed generation opportunity exists among residential master-metered customers, SMUD proposes a renewable energy bill credit rate schedule. This rate schedule will only be available to residential master-metered customers.

The rate schedule will provide residential master-metered customers the opportunity to receive renewable energy valued bill credits to be applied to their master-metered bill. This will enable master-metered customers to receive the benefits of distributed renewable energy generation, but without the issues inherent with net energy metering at a master-metered premise. Participating customers will be required to sign a 10 or 15 year contract with SMUD to secure current Feed-In Tariff pricing for the duration of the term. This pricing used for the bill credits reflects the avoided cost of energy and the price of the renewable attributes associated with the renewable energy. As part of this rate schedule, SMUD will own all of the renewable attributes produced by the generation facility.

The size of the system shall not exceed the customer's on-site load and SMUD will not compensate for excess generation.

Revenue Impact

Any renewable energy bill credits provided to participating customers will reflect SMUD's avoided cost to procure or produce energy. Therefore, it is expected for this proposed rate schedule to have a neutral effect on SMUD's revenue.

Recommendation

Adopt the proposed Renewable Energy Bill Credit Rate Schedule 1-RBC with an effective date of January 1, 2014.

5. General Changes to Rates, Rules and Regulations

This section proposes further changes to existing SMUD's Rates, Rules and Regulations, effective January 1, 2014, that provide consistent language or language clarification but do not alter any pricing components. These modifications will have no impact on revenue.

Net Energy Metering (NEM)

Purpose

Section IV. B. of schedule 1-NEM is missing language specifying under what conditions a NEM customer is required to pay the cost differential between standard metering and bi-directional metering.

Recommendation

Delete:

~~The customer may be required to pay the cost differential between standard metering and bi-directional metering.~~

Replace with:

New net-meter customers on GS-TOU1, GS-TOU2 or GS-TOU3 will be required to pay the cost differential between standard metering and bi-directional metering.

The modified rate sheet 1-NEM-2 of Rate Schedule 1-NEM is included in this addendum.

Rate Change for Residential Thermal Energy Storage (RTT)

Purpose

The RTT rate functions as an RTEH rate with a seasonal credit. However, the RTEH rate has been changed to a four month summer season while the RTT rate has remained on a six month summer season. The RTT rate needs to be changed to a four month summer season for time period compatibility. Because there is only one remaining account on the RTT rate and the rate is being phased out, it would not be cost effective to create a new RTT rate in SMUD's billing system to accommodate the four month summer season. The most efficient handling of the one remaining account is to put it on the RTEH rate and apply the appropriate discount during bill creation.

Recommendation

The recommendation is to place the remaining RTT account on the RTEH rate with the appropriate discount and modify the 1-R-TOU rate schedule for this change, as indicated in the modified rate sheets 1-R-TOU-1 of Rate Schedule 1-R-TOU included in this addendum effective January 1 of 2014, 2015, 2016 and 2017.

Rule and Regulation 1 - Definitions

Purpose

The Report proposes pole attachment fees and terms and conditions of access for new contracts pursuant to Assembly Bill 1027 (2011). Accordingly, for clarification, SMUD proposes to define the term pole attachment.

Recommendation

The recommendation is to add the following definition to Rule and Regulation 1 – Definitions, according to the attached:

Pole Attachment

A Pole Attachment is equipment owned by an external party and attached to a SMUD distribution pole that distributes electricity at less than 50 kilovolts. SMUD approval is required and the external party must pay the actual costs incurred by SMUD to facilitate the Pole Attachment plus ongoing attachment fees. If a Pole Attachment draws energy from SMUD, the applicable rate charges and energy rate shall also apply.

Rule and Regulation 6 – Billing, Payment of Bills and Credit

The Report Volume 1, under Miscellaneous Rate Changes, item 1. Late Penalty Fees for Public Entities (pages 36-37) includes a recommendation to modify language in section IV of Rule and Regulation 6, to extend the payment due date for public entities from 19 to 30 business days effective January 1, 2014.

Purpose

This section proposes modifying the initial effective date from January 1, 2014, to “no later than January 1, 2014.” This would allow eligible public entities to begin receiving the benefits of the extended payment date as soon as SMUD’s billing system is modified to incorporate this change.

Recommendation

Change the effective date of the modified public entity late fee proposal in the Report from January 1, 2014 to “no later than January 1, 2014”, as indicated in the modified Rule and Regulation 6, rate sheet 02-06-3 included in this addendum.

Street Lighting Service, Rate Schedule SLS

The Report Volume 2, Appendix A, Street Lighting Service (pages 51-52), and Appendix B, Street Lighting Service (pages 47-49) includes the proposed street lighting rates effective January 1, 2014 and January 1, 2015. In order to follow the standard practice for billing the street lighting service, the effective dates needs to be changed to accommodate the monthly billing for billing cycle 13 (street lighting) in January 2014 and January 2015.

Purpose

This section proposes modifying the initial effective date for Rate Schedule 1-SLS from January 1, 2014, and January 1, 2015 to January 23, 2014 and January 23, 2015. These changes are to accommodate the monthly billing for cycle 13.

Recommendation

Change the effective date of the proposed Rate Schedule 1-SLS in Volume 2 of the Report, Appendix A, pages 51-52, from January 1, 2014 to January 23, 2014; and Appendix B, pages 47-49 from January 1, 2015 to January 23, 2015, as indicated in the modified rate sheets included in this addendum.

Residential and General Service EAPR Program, Rate Schedule EAPR.

The Report Volume 2, Appendices A, B, C and D includes the proposed EAPR Rate Schedule 1-EAPR effective January 1 of 2014, 2015, 2016 and 2017. The small commercial legacy rates, Rate Schedule 1-GS-LEG is closed to new customers effective January 1, 2012. The initial intent for creating this legacy rate was to allow a smooth transition throughout the year 2012 in the migration from the non-TOU rate structure to the new TOU General Service Rate Schedule 1-GS. It was expected that no customers would remain on the Rate Schedule 1-GS-LEG. However, there are approximately 130 customers on the Rate Schedule 1-GS-LEG, primarily due to minor technical issues with accessing billing data remotely. The Rate Schedule 1-EAPR does not include the rate codes GSN and GSS_S in Section V. Discount for Nonprofit Organizations.

Purpose

This section proposes to amend the proposed Rate Schedule 1-EAPR effective January 1, 2014, 2015, 2016 and 2017 to incorporate the non TOU rates codes GSN and GSS_S in section V. Discount for Nonprofit Organizations.

Recommendation

Amend the proposed Rate Schedule 1-EAPR effective January 1 of 2014, 2015, 2016, and 2017 included in the Report, Volume 2, Appendices A, B, C, and D, to incorporate the non TOU rates codes GSN and GSS_S in section V. Discount for Nonprofit Organizations, as indicated in the modified rate sheets included in this addendum.

General Service Campus Billing, Rate Schedule CB

Campus Billing is an option for customers with at least one account on a GS-TOU rate as defined on Rate Schedules 1-GS-TOU1, 1-GS-TOU2 and 1-GS-TOU3. The Report Volume 2, Appendix A, includes the proposed Rate Schedule 1-CB (pages 43-45) that exempts campus accounts created prior to January 1, 2014 from all of the newly proposed requirements. However, existing accounts should only be exempted from the following criteria:

- J: “At least one of the proposed campus accounts is on a GS-TOU rate as defined in Rate Schedules 1-GS-TOU1, 1-GS-TOU2 or 1-GS-TOU3”, and
- K: “All the meters must feed off the same substation as determined by SMUD.”

Purpose

This section proposes to amend the language in the new proposed Rate Schedule 1-CB, sheet 1-CB-2 after section IV Conditions of Service, subsection K, and sheet 1-CB-3 Section VII. Terminating a Campus Billing Account.

Recommendation

Reorder the conditions of service criteria in Section IV in Rate Schedule 1-CB effective January 1, 2014 and modify the language as follows:

- Change the language in the new 1-CB rate schedule after section IV Conditions of Service subsection K to:

Campus accounts created before January 1, 2014, are grandfathered under the prior rate option with regard to subsection J and subsection K. If a grandfathered account requests that additional meters be added to the campus, the addition will be allowed if the service is fed from a substation already part of the campus account.

- Replace the existing language in Rate Schedule 1-CB, Section VII to read:

If after a rolling twelve-month period the demand for the campus account falls below the minimum demand for a GS-TOU3 rate, the campus account will be terminated. All meters will revert to individual accounts. The accounts will not be eligible to return to a campus account for twelve months thereafter and only if they meet all the criteria for the Campus Billing Option listed in Section IV Conditions of Service. This rule applies to all Campus accounts regardless the date they were created.

The customer can elect to revert back to individual accounts at any time by contacting Billing or an Energy Advisor. All meters will be converted to single accounts and the corresponding current rates will be assigned based on usage and demand. It may take more than one billing cycle to change the campus account back to individual accounts.

The modified rate schedule is included in this addendum.

6. Smart Pricing Pilot Rates

The Report Volume 1, under Smart Pricing Pilot Rates (pages 24-25) includes recommendations to remove these pilot rates and EAPR discounts from Rate Schedule 1-R and 1-EAPR effective January 1, 2014. The proposal described below modifies the initial recommendation, and extends the Smart Pricing Pilot rates beyond year 2013.

For SMUD, the study provided a test of the acceptance and effectiveness of residential time-based rates to reduce peak summer demand¹. The study's interim report, based on summer 2012 results, did in fact find high customer satisfaction with the experimental rates, as well as very good customer response, averaging double digit load shifts during peak hours.

The study offered the following pilots:

- The "Summer Weekday Value Plan" with high peak prices during 4-7 p.m. each weekday,
- The "Off-Peak Discount Plan", which raised prices significantly between 4-7 p.m. only during 12 "Conservation Days", corresponding to periods of critical power and cost concerns for SMUD, and
- The "Optimum Off-Peak Plan" which combines the daily and Conservation Day price features.

Purpose

This section amends the proposed elimination of the Smart Pricing Pilot Rates from SMUD's Rates, Rules and Regulations, effective January 1, 2014. This proposal would extend these pilot rates through 2017, primarily to the current, limited group of participants. During this time, the rates, which feature off-peak tiered pricing, would follow the same plan for tier convergence affecting the other, standard rates. The pilot extension will have several objectives, including the following:

- To permit participants the opportunity to continue trying to save on the pilot rates, after two summers of adapting to the peak pricing,
- To evaluate the persistence of participant load shifting over time,
- To explore alternative solutions to automated integration of hourly participant load data during Conservation Day events into SMUD's billing system, and

¹ For more information on the original Smart Pricing rates, see [General Manager's Report and Recommendation on Rates and Services, SmartSacramento@ Pricing Pilot, Volume 2, Sacramento Municipal Utility District, April 7, 2011 on SMUD's website, www.smud.org.](#)

- To continue to test emerging customer load control technologies in conjunction with peak pricing

The pilot rates would be offered first to existing participants, who may also choose to return to their otherwise applicable rate. The Summer Weekday Value Plan will also be offered to a control group of participants who were offered this rate on a deferred basis. In addition, SMUD may, at its discretion, make the Off-Peak Discount Plan and the Optimum Off-Peak Plan available to other participants.

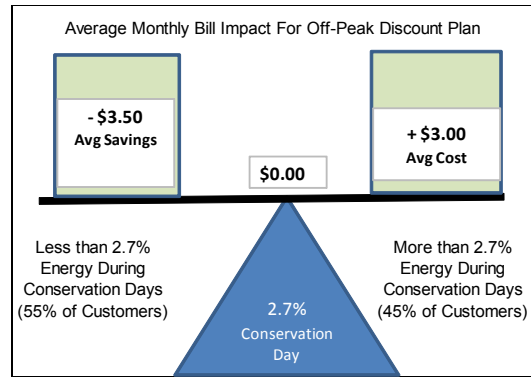
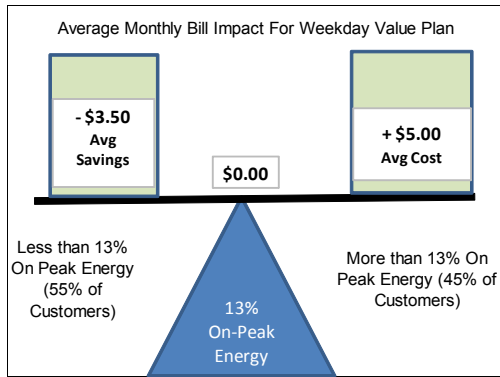
If all currently eligible participants accepted the rate extension offers, the total number of customers on the pilot rates in 2014 may be as high as 11,700, as indicated in the following table. The actual number will vary based on levels of acceptance and the degree to which SMUD extends the offer to new participants.

Smart Pricing Pilot Rate	Participants
Summer Weekday Plan (Current Participants)	5,200
Summer Weekday Plan (Deferred Participants)	3,400
Subtotal	8,600
Off-Peak Discount Plan	2,500
Optimum Off-Peak Plan	600
Total	11,700

Revenue Impact

The Smart Pricing rates are designed to be revenue neutral, based on the average load profile for the general residential population. This means that around half the customers would benefit on the new rate, while half will pay more. In general, those that initially benefit will use less than the average percentage of energy during the peak periods, which is approximately 13% for the Summer Weekday Plan, and 2.7% for the Off-Peak Discount Plan.

These percentages represent the pivot points for either initially having bill savings or seeing added bill costs on the rates. The following graphic illustrates this relationship. Customers who currently use energy at the pivot points will see no difference in their bills when switching to the Smart Pricing rates. Those using above the pivot points will see bill impacts which average between \$3 and \$5 per month. Those using below the pivot points will see savings averaging around \$3.50 per month.



Recommendation

- Adopt the following Smart Pricing pilot rates for 2014- 2017, including base use allowances and low income discounts.
- Limit rate eligibility to current and deferred participants in the Smart Pricing pilot.
- Allow SMUD, at its discretion, to extend the Smart Pricing rates to other participants.

Proposed Weekday Value Plan

	Bill Component	2014	2015	2016	2017
Summer Prices	SIFC	\$14.00	\$16.00	\$18.00	\$20.00
	Base Use	\$0.0765	\$0.0800	\$0.0840	\$0.0930
	Base Plus	\$0.1750	\$0.1760	\$0.1800	
	On-Peak	\$0.28	\$0.28	\$0.30	\$0.30
Summer Base Use Allowance	Standard	700	730	970	All kWh
	Well	1,000	1,030	1,270	
Low Income Discount	Energy discount	38.0%	40.0%	44.0%	48.0%
	SIFC discount	-\$8.50	-\$9.50	-\$10.50	-\$11.50
	Max discount (std)	\$52.00	\$49.00	\$43.00	\$42.00
	Max discount (w/ well)	\$64.00	\$61.00	\$55.00	\$54.00
Peak Period	June through September Weekdays, between 4:00 p.m. and 7:00 p.m., excluding Independence Day and Labor Day				

Proposed Off-Peak Discount Plan

	Bill Component	2014	2015	2016	2017
Summer Prices	SIFC	\$14.00	\$16.00	\$18.00	\$20.00
	Base Use	\$0.0860	\$0.0900	\$0.0960	\$0.1040
	Base Plus	\$0.1700	\$0.1740	\$0.1800	
	Conservation Day	\$0.75	\$0.75	\$0.75	\$0.75
Summer Base Use Allowance	Standard	765	835	1,100	All kWh
	Well	1,065	1,135	1,400	
Low Income Discount	Energy discount	38.0%	40.0%	44.0%	48.0%
	SIFC discount	-\$8.50	-\$9.50	-\$10.50	-\$11.50
	Max discount (std)	\$52.00	\$49.00	\$43.00	\$42.00
	Max discount (w/ well)	\$64.00	\$61.00	\$55.00	\$54.00
Conservation Day	Up to 12 SMUD-called events, June through September Weekdays, between 4:00 p.m. and 7:00 p.m., excluding Independence Day and Labor Day				

Proposed Optimal Off-Peak Plan

	Bill Component	2014	2015	2016	2017
Summer Prices	SIFC	\$14.00	\$16.00	\$18.00	\$20.00
	Base Use	\$0.0640	\$0.0650	\$0.0720	\$0.0790
	Base Plus	\$0.1610	\$0.1640	\$0.1680	
	On-Peak	\$0.28	\$0.28	\$0.30	\$0.30
	Conservation Day	\$0.75	\$0.75	\$0.75	\$0.75
Summer Base Use Allowance	Standard	700	730	970	All kWh
	Well	1,000	1,030	1,270	
Low Income Discount	Energy discount	38.0%	40.0%	44.0%	48.0%
	SIFC discount	-\$8.50	-\$9.50	-\$10.50	-\$11.50
	Max discount (std)	\$52.00	\$49.00	\$43.00	\$42.00
	Max discount (w/ well)	\$64.00	\$61.00	\$55.00	\$54.00
Peak Period	June through September Weekdays, between 4:00 pm and 7:00 p.m., excluding Independence Day and Labor Day				
Conservation Day	Up to 12 SMUD-called events, June through September Weekdays, between 4:00 p.m. and 7:00 p.m., excluding Independence Day and Labor Day				

Errata No. 1

Errata No. 1 to the General Manager’s Report and Recommendation on Rates and Services dated May 2, 2013.

The General Manager’s Report and Recommendations on Rates and Services (“Report”) is amended with the following minor corrections:

- 1) The 2013 EAPR Fixed Charge Discount in the table at the top of Volume 1, page 20 is corrected to \$7.50.
- 2) The time-of-use periods in rate sheet 1-GS-TOU1-4 and rate sheet 1-GS-TDP-3 in Volume 2 are amended to add:

Summer Super Peak: June 1 – September 30 Weekdays between 2:00 p.m. and 8:00 p.m.

- 3) The power factor adjustment language on the General Service Rate Schedules 1-GS and 1-GS-LEG incorrectly states that “accounts on a demand rate *are* subject to a power factor (PF) adjustment charge.” This language is corrected to read:

“Accounts on a demand rate *may* be subject to a power factor (PF) adjustment charge.”
- 4) The Base Usage allowance included in section VI “Conditions of Service” in all residential service Rate Schedules 1-R for years 2014-2016, incorrectly displays the allowance for electric heat and domestic well eligibility. The language in this section has been corrected, as indicated in the attached modified residential rate sheets for years 2014-2016.
- 5) The last sentence of the footnote marked with an asterisk in Section II. Firm Service Rates in Rate Schedule 1-R effective January 1 of 2014, 2015 and 2016 has been deleted to avoid inadvertent change to the initial language of the footnote. Additionally, the wording “(to new customers)” below the heading “Electric Heat CLOSED*” in Section II was removed because is not necessary. These corrections were incorporated in the attached modified residential tariff sheets for years 2014-2016.

- 6) In Rate Schedule 1-R effective January 1, 2017, Section V. Conditions of Service, the language included in letters A. and B. that references the allowance for electric heat and domestic well eligibility is unnecessary, all kWh usage has been merged into one flat price by seasons in year 2017. The language in Section V, letters A and B has been removed, as indicated in the attached modified tariff sheets.
- 7) In Rate Schedule 1-R-TOU, Option 1, paragraph 1 replace the last sentence with “*Time periods and holidays are detailed in Section V. Conditions of Service.*”
- 8) Rate Schedule 1-R-TOU, Option 2 paragraph 1, is corrected to read:

Option 2 has two periods in the winter season and three periods in the summer season. The time of day when SMUD experiences the highest demand for electricity in the summer (June through September) is called the super-peak period; on each side of this time period there is an on-peak period; remaining hours are referred to as the off-peak period. Time periods and holidays are detailed in Section V. Conditions of Service. This change is reflected in the attached rate schedules.
- 9) The section related to “electricity usage surcharges” was inadvertently omitted from Rate Schedule 1-SLS. The language has been added in section VI Electricity Usage Charges. The amended Rate Schedule is included in the Addendum.

Environmental Assessment

- 1.0 Section 21080(b)(8) of the California Public Resources Code and Section 15273 of the California Environmental Quality Act (CEQA) Guidelines (California Code of Regulations, Title 14, Sections 15000, et seq.) provide that CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, and other charges by public agencies which the public agency finds are for the purpose of:
 - (1) Meeting operating expenses, including employee wage rates and fringe benefits;
 - (2) Purchasing or leasing supplies, equipment, or materials;
 - (3) Meeting financial reserve needs and requirements;
 - (4) Obtaining funds for capital projects necessary to maintain service within existing service areas; or
 - (5) Obtaining funds that are necessary to maintain such intra-city transfers as are authorized by city charter.
- 2.0 Section 15061(b) (3) of the CEQA Guidelines provides that where it can be said with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA.
- 3.0 The proposed action to amend the Eligibility for Small General Service (GSS) Rate, is for the purposes set forth in (1) through (4) of Section 1.0 of the Environmental Assessment. Therefore, this rate action is exempt from the requirements of CEQA.
- 4.0 The proposed action to address Pumping Load for Nonagricultural Irrigation, is for the purposes set forth in (1) through (4) of Section 1.0 of the Environmental Assessment. Therefore, this rate action is exempt from the requirements of CEQA.
- 5.0 It can be seen with certainty that there is no possibility that the proposed action to amend Rule and Regulation 18 regarding mobile home parks may have a significant effect on the environment. Therefore, this proposed action is not subject to CEQA.
- 6.0 The proposed action to create a Renewable Energy Billing Credit Rate Schedule (RBC), is for the purposes set forth in (1) through (4) of Section 1.0 of the Environmental Assessment. Therefore, this rate action is exempt from the requirements of CEQA.

- 7.0 The proposed action to revise the net energy metering requirement to pay the costs between standard metering and bi-directional metering, is for the purposes set forth in (1) through (4) of Section 1.0 of the Environmental Assessment. Therefore, this rate action is exempt from the requirements of CEQA.
- 8.0 The proposed action to place the remaining RTT account on the RTEH Rate and include a seasonal discount for this account, is for the purposes set forth in (1) through (4) of Section 1.0 of the Environmental Assessment. Therefore, this rate action is exempt from the requirements of CEQA.
- 9.0 It can be seen with certainty that there is no possibility that the proposed action to add a definition of Pole Attachment to Rule and Regulation 1 may have a significant effect on the environment. Therefore, this proposed action is not subject to CEQA.
- 10.0 It can be seen with certainty that there is no possibility that the proposed action to amend the effective date of the public entity late fee in Rule and Regulation 6 may have a significant effect on the environment. Therefore, this proposed action is not subject to CEQA.
- 11.0 It can be seen with certainty that there is no possibility that the proposed action to amend the effective dates for Rate Schedule 1-SLS may have a significant effect on the environment. Therefore, this proposed action is not subject to CEQA.
- 12.0 The proposed action to amend the proposed Rate Schedule 1-EAPR to include rate codes GSN and GSS_S in section V. Discount for Nonprofit Organizations, is for the purposes set forth in (1) through (4) of Section 1.0 of the Environmental Assessment. Therefore, this rate action is exempt from the requirements of CEQA.
- 13.0 It can be seen with certainty that there is no possibility that the proposed action to amend Rate Schedule 1-CB in order to clarify the applicability criteria may have a significant effect on the environment. Therefore, this proposed action is not subject to CEQA.
- 14.0 The proposed action to amend the initial recommendation on Smart Pricing Pilot Rates and extend the pilot rates beyond 2013, is for the purposes set forth in (1) through (4) of Section 1.0 of the Environmental Assessment. Therefore, this rate action is exempt from the requirements of CEQA.
- 15.0 It can be seen with certainty that there is no possibility that the proposed action to make minor corrections to certain language and provide additional clarification in SMUD's Rates, Rules and Regulations may have a significant effect on the environment. Therefore, this proposed action is not subject to CEQA.

Amended Rates, Rules and Regulations

List of Amended Rates, Rules and Regulations

	<u>Effective Date</u>	<u>Sheet Number</u>	<u>Page Number</u>
R Residential Service	Jan 1, 2014	1-R-1-4	1
R Residential Service	Jan 1, 2015	1-R-1-4	5
R Residential Service	Jan 1, 2016	1-R-1-4	9
R Residential Service	Jan 1, 2017	1-R-3	13
R Residential Time-Of-Use Service	Jan 1, 2014	1-R-TOU-1	14
R Residential Time-Of-Use Service	Jan 1, 2015	1-R-TOU-1	15
R Residential Time-Of-Use Service	Jan 1, 2016	1-R-TOU-1	16
R Residential Time-Of-Use Service	Jan 1, 2017	1-R-TOU-1	17
Residential Smart Pricing Pilot.....	Jan 1, 2014	1-R-SPO-1-4	18
Residential Smart Pricing Pilot.....	Jan 1, 2015	1-R-SPO-1-4	22
Residential Smart Pricing Pilot.....	Jan 1, 2016	1-R-SPO-1-4	26
Residential Smart Pricing Pilot.....	Jan 1, 2017	1-R-SPO-1-3	30
GS General Service	Jan 1, 2014	1-GS-1, 3	33
GS General Service	Jan 1, 2015	1-GS-1,3	35
GS-LEG General Service	Jan 1, 2014	1-GS-LEG3	37
GS-LEG General Service	Jan 1, 2015	1-GS-LEG3	38
GS-TOU1 Large General Service Time-of-Use	Jan 1, 2014	1-GS-TOU1-4	39
GS-TOU1 Large General Service Time-of-Use	Jan 1, 2015	1-GS-TOU1-4	40
GS General Service Campus Billing.....	Jan 1, 2014	1-CB-1-3	41
GS-TDP General Service Temperature Dependent Pricing and Economic Retention	Jan 1, 2014	1-GS-TDP-3	44
GS-TDP General Service Temperature Dependent Pricing and Economic Retention	Jan 1, 2015	1-GS-TDP-3	45
SLS Street Light Service	Jan 1, 2014	1-SLS-1-3	46
SLS Street Light Service	Jan 1, 2015	1-SLS-1-3	49
Energy Assistance Program	Jan 1, 2014	1-EAPR-1	52
Energy Assistance Program	Jan 1, 2015	1-EAPR-1	53

List of Amended Rates, Rules and Regulations

Energy Assistance Program	Jan 1, 2016	1-EAPR-1	54
Energy Assistance Program	Jan 1, 2017	1-EAPR-1	55
NEM Net Metering for Qualifying Facilities.....	Jan 1, 2014	1-NEM-2	56
Rule 1 Definitions	Jan 1, 2014	2-01-1-3	57
Rule 6 Billing, Payment of Bill, and Credit	No later than Jan 1, 2014	2-06-1-3	60
Rule 18 Services to Premises and Use of Energy	Aug 2, 2013	2-18-1-2	63
Renewable Energy Bill Credit	Aug 2, 2013	1-RBC-1-3	65
Amended Page 20 of General Manager’s Report dated May 2, 2013.....	n/a	n/a	68

Residential Service Rate Schedule R

I. Applicability

This Rate Schedule 1-R applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes; and
3. Master-metered service to a qualifying multifamily accommodation or mobile home park that is submetered to all single-family units or individual mobile homes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

Heating Type Availability Rate Category	Electric Heat CLOSED* RSCH, RWCH	Electric Heat OPEN RSEH, RWEH	Nonelectric Heat OPEN RSGH, RWGH
Winter Season – December 1 through March 31			
System Infrastructure Fixed Charge per month	\$14.00	\$14.00	\$14.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.0828	\$0.0955	\$0.0955
Base-Plus Usage per month \$/kWh	\$0.1542	\$0.1771	\$0.1771
Spring Season – April 1 through May 31 and Fall Season – October 1 through November 30			
System Infrastructure Fixed Charge per month	\$14.00	\$14.00	\$14.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.0867	\$0.0955	\$0.0955
Base-Plus Usage per month \$/kWh	\$0.1542	\$0.1771	\$0.1771
Summer Season – June 1 through September 30			
System Infrastructure Fixed Charge per month	\$14.00	\$14.00	\$14.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.1033	\$0.1033	\$0.1033
Base-Plus Usage per month \$/kWh	\$0.1836	\$0.1836	\$0.1836

III. Base Usage and Base-Plus Usage Quantities (Kilowatt-hours per month)

Heating Type Availability	Electric Heat CLOSED*	Electric Heat OPEN	Nonelectric Heat OPEN
Winter Season – December 1 through March 31			
Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	1,280	1,280	690
Base-Plus Usage kWh per month	> 1,280	> 1,280	> 690
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage maximum kWh per month	1,580	1,580	990

Residential Service Rate Schedule R

Base-Plus Usage kWh per month	> 1,580	> 1,580	> 990
-------------------------------	---------	---------	-------

**Spring Season – April 1 through May 31 and
Fall Season – October 1 through November 30**

(Kilowatt-hours per month)

Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	920	920	690
Base-Plus Usage kWh per month	> 920	> 920	> 690
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage maximum kWh per month	1,220	1,220	990
Base-Plus Usage kWh per month	> 1,220	> 1,220	> 990

Summer Season – June 1 through September 30

(Kilowatt-hours per month)

Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	765	765	765
Base-Plus Usage kWh per month	> 765	> 765	> 765
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage per month \$/kWh	1,065	1,065	1,065
Base-Plus Usage per month \$/kWh	> 1,065	> 1,065	> 1,065

* The *CLOSED* Electric Heat Rate was closed to new installations of electric heating equipment, effective May 1, 1996. Upon application for service, any new occupant to a premise currently on the *CLOSED* Rate Categories RSCH, RWCH, or RTCH will be placed on the applicable Open Electric Heat Rate RSEH, RWEH, or RTEH.

IV. Electricity Usage Surcharges

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

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program (Rate Categories with suffix “_E”).** Refer to Rate Schedule 1–EAPR.
- B. **Medical Equipment Discount Program (Rate Categories with suffix “_L”).** Refer to Rate Schedule 1–MED.
- C. **Joint Participation in Medical Equipment Discount and Energy Assistance Programs (Rate Categories with suffix “_EL”).** Refer to Rate Schedule 1–MED.
- D. **Time-of-Use Rate Option.** Refer to Rate Schedule 1- R-TOU.
- E. **Generator Standby Service Option**

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

1. The customer has generation, sited on the customer premise, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating of less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and

Residential Service Rate Schedule R

- 5. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Generator Standby Charge January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.25

In addition to the Generator Standby Charge, SMUD will continue to bill for all applicable charges under this rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power.

The Generator Standby Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

F. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

G. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, 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 monthly electricity usage 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 and/or renewable energy credits 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 at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

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

Fixed Greenergy All Renewables.....\$6.00
Fixed Greenergy Advocate.....\$3.00

H. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

I. Plug-In Electric Vehicle (PEV) Option (Rate Category RTEV). The RTEV rate is closed to new customers. Refer to SMUD’s website, www.smud.org, for electric vehicle pilot rates.

J. Residential Three-Phase Service Option

This option is open to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month.....\$39.90

Residential Service Rate Schedule R

VI. Conditions of Service

A. Electric Heat Eligibility (Rate Categories RSCH, RSEH, RWCH, RWEH)

Residential customers with electric heating may qualify for an additional kWh in Base Usage allowance during the winter, spring and fall seasons, as indicated in Section III. To be eligible, the customer's electric heating system must be the sole source of domestic heating installed at the metered premise, except in the case of renewable heating sources, noted in criterion 4 listed below. In addition, the electric heating system must meet one of the following eligibility criteria that are further defined in Rule and Regulation 1:

1. An electric resistance heating system that was installed prior to September 1, 1980; or
2. An electric heating system that qualified under the Closed Electric Heat Rate before May 1, 1996;
3. A heat pump, including units with electric resistance backup;
4. An electric resistance heating system used to supplement a geothermal, solar, or other renewable fuel heating system.

Nonrenewable fuel sources for heating systems that do not qualify for the added residential electric heat Base Usage allowances include, but are not limited to:

- Fossil fuels such as natural gas, propane, gasoline, and oil; and
- Wood and pelletized fuels.

B. Domestic Well Eligibility (Rate Categories RWCH, RWEH, RWGH)

Residential customers who own and operate a well as the sole source of domestic water, may qualify for an additional kWh of monthly Base Usage quantity on the residential meter serving the well, as indicated in section III.

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

This rate is closed to new customers unless SMUD determines that it is not reasonable or feasible to provide service and meter the individual units directly.

The master-metered customer's electricity consumption will be billed under the Base Usage and Base-Plus Usage quantities using the ratio of the number of occupied single-family accommodations with electric or nonelectric heat to the total number of occupied single-family accommodations. The billing calculation will include applicable discounts to the Base Usage Charge and System Infrastructure Fixed Charge for qualifying energy assistance and medical equipment discount program participants. The customer must advise SMUD 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 medical equipment discount and/or energy assistance program participants, and/or new occupants of the existing premises with rate categories RSCH or RWCH.

VII. Billing

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

Residential Service Rate Schedule R

I. Applicability

This Rate Schedule 1-R applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes; and
3. Master-metered service to a qualifying multifamily accommodation or mobile home park that is submetered to all single-family units or individual mobile homes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

Heating Type Availability Rate Category	Electric Heat CLOSED* RSCH, RWCH	Electric Heat OPEN RSEH, RWEH	Nonelectric Heat OPEN RSGH, RWGH
Winter Season – December 1 through March 31			
System Infrastructure Fixed Charge per month	\$16.00	\$16.00	\$16.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.0912	\$0.0998	\$0.0998
Base-Plus Usage per month \$/kWh	\$0.1578	\$0.1805	\$0.1805
Spring Season – April 1 through May 31 and Fall Season – October 1 through November 30			
System Infrastructure Fixed Charge per month	\$16.00	\$16.00	\$16.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.0912	\$0.0998	\$0.0998
Base-Plus Usage per month \$/kWh	\$0.1578	\$0.1805	\$0.1805
Summer Season – June 1 through September 30			
System Infrastructure Fixed Charge per month	\$16.00	\$16.00	\$16.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.1076	\$0.1076	\$0.1076
Base-Plus Usage per month \$/kWh	\$0.1870	\$0.1870	\$0.1870

III. Base Usage and Base-Plus Usage Quantities (Kilowatt-hours per month)

Heating Type Availability	Electric Heat CLOSED*	Electric Heat OPEN	Nonelectric Heat OPEN
Winter Season – December 1 through March 31			
Principal Rate Categories			
Base Usage maximum kWh per month	RSCH	RSEH	RSGH
Base-Plus Usage kWh per month	1,500	1,500	770
Base-Plus Usage kWh per month	> 1,500	> 1,500	> 770
Well Rate Categories			
Base Usage maximum kWh per month	RWCH	RWEH	RWGH
Base-Plus Usage kWh per month	1,800	1,800	1,070
Base-Plus Usage kWh per month	> 1,800	> 1,800	> 1,070

Residential Service Rate Schedule R

**Spring Season – April 1 through May 31 and
Fall Season – October 1 through November 30**
(Kilowatt-hours per month)

Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	1,100	1,100	770
Base-Plus Usage kWh per month	> 1,100	> 1,100	> 770
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage maximum kWh per month	1,400	1,400	1,070
Base-Plus Usage kWh per month	> 1,400	> 1,400	> 1,070

Summer Season – June 1 through September 30
(Kilowatt-hours per month)

Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	835	835	835
Base-Plus Usage kWh per month	> 835	> 835	> 835
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage per month \$/kWh	1,135	1,135	1,135
Base-Plus Usage per month \$/kWh	> 1,135	> 1,135	> 1,135

* The *CLOSED* Electric Heat Rate was closed to new installations of electric heating equipment, effective May 1, 1996. Upon application for service, any new occupant to a premise currently on the *CLOSED* Rate Categories RSCH, RWCH, or RTCH will be placed on the applicable Open Electric Heat Rate RSEH, RWEH, or RTEH.

IV. Electricity Usage Surcharges

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

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program (Rate Categories with suffix “_E”).** Refer to Rate Schedule 1–EAPR.
- B. **Medical Equipment Discount Program (Rate Categories with suffix “_L”).** Refer to Rate Schedule 1–MED.
- C. **Joint Participation in Medical Equipment Discount and Energy Assistance Programs (Rate Categories with suffix “_EL”).** Refer to Rate Schedule 1–MED.
- D. **Time-of-Use Rate Option.** Refer to Rate Schedule 1- R-TOU.
- E. **Generator Standby Service Option**

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

1. The customer has generation, sited on the customer premise, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating of less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Residential Service Rate Schedule R

Generator Standby Charge January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.25

In addition to the Generator Standby Charge, SMUD will continue to bill for all applicable charges under this rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power.

The Generator Standby Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

F. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

G. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, 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 monthly electricity usage 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 and/or renewable energy credits 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 at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

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

Fixed Greenergy All Renewables.....	\$6.00
Fixed Greenergy Advocate.....	\$3.00

H. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD's website, www.smud.org.

I. Plug-In Electric Vehicle (PEV) Option (Rate Category RTEV). The RTEV rate is closed to new customers. Refer to SMUD's website, www.smud.org, for electric vehicle pilot rates.

J. Residential Three-Phase Service Option

This option is open to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month.....\$40.90

VI. Conditions of Service

A. Electric Heat Eligibility (Rate Categories RSCH, RSEH, RWCH, RWEH)

Residential Service Rate Schedule R

Residential customers with electric heating may qualify for an additional kWh in Base Usage allowance during the winter ,spring and fall seasons, as indicated in Section III. To be eligible, the customer’s electric heating system must be the sole source of domestic heating installed at the metered premise, except in the case of renewable heating sources, noted in criterion 4 listed below. In addition, the electric heating system must meet one of the following eligibility criteria that are further defined in Rule and Regulation 1:

1. An electric resistance heating system that was installed prior to September 1, 1980; or
2. An electric heating system that qualified under the Closed Electric Heat Rate before May 1, 1996;
3. A heat pump, including units with electric resistance backup;
4. An electric resistance heating system used to supplement a geothermal, solar, or other renewable fuel heating system.

Nonrenewable fuel sources for heating systems that do not qualify for the added residential electric heat Base Usage allowances include, but are not limited to:

- Fossil fuels such as natural gas, propane, gasoline, and oil; and
- Wood and pelletized fuels.

B. Domestic Well Eligibility (Rate Categories RWCH, RWEH, RWGH)

Residential customers who own and operate a well that as the sole source of domestic water, may qualify for an additional kWh of monthly Base Usage quantity on the residential meter serving the well, as indicated in Section III.

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

This rate is closed to new customers unless SMUD determines that it is not reasonable or feasible to provide service and meter the individual units directly.

The master-metered customer’s electricity consumption will be billed under the Base Usage and Base-Plus Usage quantities using the ratio of the number of occupied single-family accommodations with electric or nonelectric heat to the total number of occupied single-family accommodations. The billing calculation will include applicable discounts to the Base Usage Charge and System Infrastructure Fixed Charge for qualifying energy assistance and medical equipment discount program participants. The customer must advise SMUD 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 medical equipment discount and/or energy assistance program participants, and/or new occupants of the existing premises with rate categories RSCH or RWCH.

VII. Billing

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

Residential Service Rate Schedule R

I. Applicability

This Rate Schedule 1-R applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes; and
3. Master-metered service to a qualifying multifamily accommodation or mobile home park that is submetered to all single-family units or individual mobile homes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rates

Heating Type Availability Rate Category	Electric Heat CLOSED* RSCH, RWCH	Electric Heat OPEN RSEH, RWEH	Nonelectric Heat OPEN RSGH, RWGH
Winter Season – December 1 through March 31			
System Infrastructure Fixed Charge per month	\$18.00	\$18.00	\$18.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.1007	\$0.1036	\$0.1036
Base-Plus Usage per month \$/kWh	\$0.1578	\$0.1805	\$0.1805
Spring Season – April 1 through May 31 and Fall Season – October 1 through November 30			
System Infrastructure Fixed Charge per month	\$18.00	\$18.00	\$18.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.1007	\$0.1036	\$0.1036
Base-Plus Usage per month \$/kWh	\$0.1578	\$0.1805	\$0.1805
Summer Season – June 1 through September 30			
System Infrastructure Fixed Charge per month	\$18.00	\$18.00	\$18.00
Electricity Usage Charge:			
Base Usage per month \$/kWh	\$0.1142	\$0.1142	\$0.1142
Base-Plus Usage per month \$/kWh	\$0.1870	\$0.1870	\$0.1870

III. Base Usage and Base-Plus Usage Quantities (Kilowatt-hours per month)

Heating Type Availability	Electric Heat CLOSED*	Electric Heat OPEN	Nonelectric Heat OPEN
Winter Season – December 1 through March 31			
Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	3,000	3,000	1,000
Base-Plus Usage kWh per month	> 3,000	> 3,000	> 1,000
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage maximum kWh per month	3,000	3,000	1,300

Residential Service Rate Schedule R

Base-Plus Usage kWh per month	> 3,000	> 3,000	> 1,300
-------------------------------	---------	---------	---------

**Spring Season – April 1 through May 31 and
Fall Season – October 1 through November 30**

(Kilowatt-hours per month)

Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	3,000	3,000	1,000
Base-Plus Usage kWh per month	> 3,000	> 3,000	> 1,000
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage maximum kWh per month	3,000	3,000	1,300
Base-Plus Usage kWh per month	> 3,000	> 3,000	> 1,300

Summer Season – June 1 through September 30

(Kilowatt-hours per month)

Principal Rate Categories	RSCH	RSEH	RSGH
Base Usage maximum kWh per month	1,100	1,100	1,100
Base-Plus Usage kWh per month	> 1,100	> 1,100	> 1,100
Well Rate Categories	RWCH	RWEH	RWGH
Base Usage per month \$/kWh	1,400	1,400	1,400
Base-Plus Usage per month \$/kWh	> 1,400	> 1,400	> 1,400

* The *CLOSED* Electric Heat Rate was closed to new installations of electric heating equipment, effective May 1, 1996. Upon application for service, any new occupant to a premise currently on the *CLOSED* Rate Categories RSCH, RWCH, or RTCH will be placed on the applicable Open Electric Heat Rate RSEH, RWEH, or RTEH.

IV. Electricity Usage Surcharges

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

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program (Rate Categories with suffix “_E”).** Refer to Rate Schedule 1–EAPR.
- B. **Medical Equipment Discount Program (Rate Categories with suffix “_L”).** Refer to Rate Schedule 1–MED.
- C. **Joint Participation in Medical Equipment Discount and Energy Assistance Programs (Rate Categories with suffix “_EL”).** Refer to Rate Schedule 1–MED.
- D. **Time-of-Use Rate Option.** Refer to Rate Schedule 1- R-TOU.
- E. **Generator Standby Service Option**

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

1. The customer has generation, sited on the customer premise, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating of less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and

Residential Service Rate Schedule R

- 5. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Generator Standby Charge January 1 through December 31

\$/kW of Contract Capacity per month.....\$6.25

In addition to the Generator Standby Charge, SMUD will continue to bill for all applicable charges under this rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power.

The Generator Standby Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

F. Net Energy Metering Option. Refer to Rate Schedule 1-NEM.

G. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, 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 monthly electricity usage 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 and/or renewable energy credits 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 at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

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

Fixed Greenergy All Renewables.....\$6.00
Fixed Greenergy Advocate.....\$3.00

H. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

I. Plug-In Electric Vehicle (PEV) Option (Rate Category RTEV). The RTEV rate is closed to new customers. Refer to SMUD’s website, www.smud.org, for electric vehicle pilot rates.

J. Residential Three-Phase Service Option

This option is open to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month.....\$40.90

Residential Service Rate Schedule R

VI. Conditions of Service

A. Electric Heat Eligibility (Rate Categories RSCH, RSEH, RWCH, RWEH)

Residential customers with electric heating may qualify for an additional kWh in Base Usage allowance during the non-summer months of October – May, as indicated in Section III. To be eligible, the customer’s electric heating system must be the sole source of domestic heating installed at the metered premise, except in the case of renewable heating sources, noted in criterion 4 listed below. In addition, the electric heating system must meet one of the following eligibility criteria that are further defined in Rule and Regulation 1:

1. An electric resistance heating system that was installed prior to September 1, 1980; or
2. An electric heating system that qualified under the Closed Electric Heat Rate before May 1, 1996;
3. A heat pump, including units with electric resistance backup;
4. An electric resistance heating system used to supplement a geothermal, solar, or other renewable fuel heating system.

Nonrenewable fuel sources for heating systems that do not qualify for the added residential electric heat Base Usage allowances include, but are not limited to:

- Fossil fuels such as natural gas, propane, gasoline, and oil; and
- Wood and pelletized fuels.

B. Domestic Well Eligibility (Rate Categories RWCH, RWEH, RWGH)

Residential customers who own and operate a well as the sole source of domestic water, may qualify for an additional kWh of monthly Base Usage quantity on the residential meter serving the well, as indicated in Section III.

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

This rate is closed to new customers unless SMUD determines that it is not reasonable or feasible to provide service and meter the individual units directly.

The master-metered customer’s electricity consumption will be billed under the Base Usage and Base-Plus Usage quantities using the ratio of the number of occupied single-family accommodations with electric or nonelectric heat to the total number of occupied single-family accommodations. The billing calculation will include applicable discounts to the Base Usage Charge and System Infrastructure Fixed Charge for qualifying energy assistance and medical equipment discount program participants. The customer must advise SMUD 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 medical equipment discount and/or energy assistance program participants, and/or new occupants of the existing premises with rate categories RSCH or RWCH.

VII. Billing

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

Residential Service Rate Schedule R

V. Conditions of Service

A. Master-Metered Multifamily Accommodation and Mobile Home Park Billing (Rate Category RSMM)

This rate is closed to new customers unless SMUD determines that it is not reasonable or feasible to provide service and meter the individual units directly.

The master-metered customer's electricity consumption will be billed under the Base Usage and Base-Plus Usage quantities using the ratio of the number of occupied single-family accommodations with electric or nonelectric heat to the total number of occupied single-family accommodations. The billing calculation will include applicable discounts to the Base Usage Charge and System Infrastructure Fixed Charge for qualifying energy assistance and medical equipment discount program participants. The customer must advise SMUD 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 medical equipment discount and/or energy assistance program participants, and/or new occupants of the existing premises with rate categories RSCH or RWCH.

VI. Billing

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

Residential Time-of-Use Service Rate Schedule R-TOU

I. Applicability

This Rate Schedule 1-R-TOU applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Option 1 Time-of-Use Rate (Rate Categories RTCH, RTEH, RTGH)

1. Option 1 has two periods in the winter season (October through May) and two periods in the summer season (June through September). The times of day when SMUD experiences more demand for electricity is called the on-peak; all other times are referred to as off-peak. Time periods and holidays are detailed in Section V. Conditions of Service.
2. SMUD offers a trial time-of-use (TOU) option for residential customers who want to see if they benefit from this type of rate. Residential customers shall be entitled to a 12-month trial period for Option 1 Time-of-Use. The trial applies to the house load only and does not include any electric vehicle charging. At the end of the trial period the total electricity usage charges for the trial period will be compared to what the total electricity usage charges would have been on the applicable non-TOU rate for the same period. If the customer would have paid less during the trial period had they been on the applicable non-TOU rate, the customer will receive a credit for the difference after which either the Standard Rate or the Option 1 Time-of-Use Rate must be selected.
3. If customers formerly on a closed rate elect to remain on the Option 1 Time-of-Use Rate beyond the trial period, the customers forfeit their eligibility to return to the closed rate. Customers formerly on a closed electric rate will be placed on the otherwise applicable rates RSEH or RWEH.
4. If the Option 1 Time-of-Use Rate is selected at the end of the trial period, customers subsequently requesting a transfer from the Option 1 Time-of-Use Rate to the Standard Rate may not return to the Option 1 Time-of-Use Rate for a 12-month period. Customers returning to the Option 1 Time-of-Use Rate at the same premise are not entitled to an additional trial period.

B. Option 2 Time-of-Use (Rate Categories RTE5, RTC5, RTG5)

1. Option 2 has two periods in the winter season and three periods in the summer season. The time of the day when SMUD experiences the highest demand for electricity in the summer (June through September) is called the super-peak period; on each side of this time period there is an on-peak period; remaining hours are referred to as off-peak period.. Time periods and holidays are detailed in Section V. Conditions of Service.
2. Option 2 is not a trial rate. Any electric heat customer transferring to this optional rate shall forfeit any eligibility for a rate that has been closed to new customers. Customers subsequently requesting a transfer from the Option 2 Time-of-Use Rate to the Standard Rate may not return to the Option 2 Time-of-Use Rate for a 12-month period.

C. Residential Thermal Energy Storage Option (Rate Category RTT – CLOSED)

1. A residential customer whose premise is equipped with a Residential Thermal Energy Storage (RTES) system or who may have qualified by meeting the load criteria established for RTES including the lockout of space-conditioning compressors during the on-peak period, and who is billed on the Option 1 Time-of-Use Rate shall be entitled to a credit on the winter off-peak and summer off-peak and summer on-peak prices.
2. Rate Category RTT was closed to new occupants of premises equipped with RTES systems and to new installations of RTES systems, or other qualifying equipment, effective June 1, 1997. At the time of application for service, a new occupant of a premise currently on the CLOSED Rate Category RTT will be placed on the Option 1 Time-of-Use Rate (Rate Category RTEH) and will be informed of other rate options available to them.
3. Effective January 1, 2014, the rate category RTT is closed. Remaining customers on the RTT rate will be placed on the RTEH rate with the RTES credit applied at billing.

Residential Time-of-Use Service Rate Schedule R-TOU

I. Applicability

This Rate Schedule 1-R-TOU applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Option 1 Time-of-Use Rate (Rate Categories RTCH, RTEH, RTGH)

1. Option 1 has two periods in the winter season (October through May) and two periods in the summer season (June through September). The times of day when SMUD experiences more demand for electricity is called the on-peak; all other times are referred to as off-peak. Time periods and holidays are detailed in Section V. Conditions of Service.
2. SMUD offers a trial time-of-use (TOU) option for residential customers who want to see if they benefit from this type of rate. Residential customers shall be entitled to a 12-month trial period for Option 1 Time-of-Use. The trial applies to the house load only and does not include any electric vehicle charging. At the end of the trial period the total electricity usage charges for the trial period will be compared to what the total electricity usage charges would have been on the applicable non-TOU rate for the same period. If the customer would have paid less during the trial period had they been on the applicable non-TOU rate, the customer will receive a credit for the difference after which either the Standard Rate or the Option 1 Time-of-Use Rate must be selected.
3. If customers formerly on a closed rate elect to remain on the Option 1 Time-of-Use Rate beyond the trial period, the customers forfeit their eligibility to return to the closed rate. Customers formerly on a closed electric rate will be placed on the otherwise applicable rates RSEH or RWEH.
4. If the Option 1 Time-of-Use Rate is selected at the end of the trial period, customers subsequently requesting a transfer from the Option 1 Time-of-Use Rate to the Standard Rate may not return to the Option 1 Time-of-Use Rate for a 12-month period. Customers returning to the Option 1 Time-of-Use Rate at the same premise are not entitled to an additional trial period.

B. Option 2 Time-of-Use (Rate Categories RTE5, RTC5, RTG5)

1. Option 2 has two periods in the winter season and three periods in the summer season. The time of the day when SMUD experiences the highest demand for electricity in the summer (June through September) is called the super-peak period; on each side of this time period there is on-peak period; remaining hours are referred to as off-peak period. Time periods and holidays are detailed in Section V. Conditions of Service.
2. Option 2 is not a trial rate. Any electric heat customer transferring to this optional rate shall forfeit any eligibility for a rate that has been closed to new customers. Customers subsequently requesting a transfer from the Option 2 Time-of-Use Rate to the Standard Rate may not return to the Option 2 Time-of-Use Rate for a 12-month period.

C. Residential Thermal Energy Storage Option (Rate Category RTT – CLOSED)

1. A residential customer whose premise is equipped with a Residential Thermal Energy Storage (RTES) system or who may have qualified by meeting the load criteria established for RTES including the lockout of space-conditioning compressors during the on-peak period, and who is billed on the Option 1 Time-of-Use Rate shall be entitled to a credit on the winter off-peak and summer off-peak and summer on-peak prices.
2. Rate Category RTT was closed to new occupants of premises equipped with RTES systems and to new installations of RTES systems, or other qualifying equipment, effective June 1, 1997. At the time of application for service, a new occupant of a premise currently on the CLOSED Rate Category RTT will be placed on the Option 1 Time-of-Use Rate (Rate Category RTEH) and will be informed of other rate options available to them.
3. Effective January 1, 2014, the rate category RTT is closed. Remaining customers on the RTT rate will be placed on the RTEH rate with the RTES credit applied at billing.

Residential Time-of-Use Service Rate Schedule R-TOU

I. Applicability

This Rate Schedule 1-R-TOU applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Option 1 Time-of-Use Rate (Rate Categories RTCH, RTEH, RTGH)

1. Option 1 has two periods in the winter season (October through May) and two periods in the summer season (June through September). The times of day when SMUD experiences more demand for electricity is called the on-peak; all other times are referred to as off-peak. Time periods and holidays are detailed in Section V. Conditions of Service.
2. SMUD offers a trial time-of-use (TOU) option for residential customers who want to see if they benefit from this type of rate. Residential customers shall be entitled to a 12-month trial period for Option 1 Time-of-Use. The trial applies to the house load only and does not include any electric vehicle charging. At the end of the trial period the total electricity usage charges for the trial period will be compared to what the total electricity usage charges would have been on the applicable non-TOU rate for the same period. If the customer would have paid less during the trial period had they been on the applicable non-TOU rate, the customer will receive a credit for the difference after which either the Standard Rate or the Option 1 Time-of-Use Rate must be selected.
3. If customers formerly on a closed rate elect to remain on the Option 1 Time-of-Use Rate beyond the trial period, the customers forfeit their eligibility to return to the closed rate. Customers formerly on a closed electric rate will be placed on the otherwise applicable rates RSEH or RWEH.
4. If the Option 1 Time-of-Use Rate is selected at the end of the trial period, customers subsequently requesting a transfer from the Option 1 Time-of-Use Rate to the Standard Rate may not return to the Option 1 Time-of-Use Rate for a 12-month period. Customers returning to the Option 1 Time-of-Use Rate at the same premise are not entitled to an additional trial period.

B. Option 2 Time-of-Use (Rate Categories RTE5, RTC5, RTG5)

1. Option 2 has two periods in the winter season and three periods in the summer season. The time of the day when SMUD experiences the highest demand for electricity in the summer (June through September) is called the super-peak period; on each side of this time period there is an on-peak period; remaining hours are referred to as off-peak period. Time periods and holidays are detailed in Section V. Conditions of Service.
2. Option 2 is not a trial rate. Any electric heat customer transferring to this optional rate shall forfeit any eligibility for a rate that has been closed to new customers. Customers subsequently requesting a transfer from the Option 2 Time-of-Use Rate to the Standard Rate may not return to the Option 2 Time-of-Use Rate for a 12-month period.

C. Residential Thermal Energy Storage Option (Rate Category RTT – CLOSED)

1. A residential customer whose premise is equipped with a Residential Thermal Energy Storage (RTES) system or who may have qualified by meeting the load criteria established for RTES including the lockout of space-conditioning compressors during the on-peak period, and who is billed on the Option 1 Time-of-Use Rate shall be entitled to a credit on the winter off-peak and summer off-peak and summer on-peak prices.
2. Rate Category RTT was closed to new occupants of premises equipped with RTES systems and to new installations of RTES systems, or other qualifying equipment, effective June 1, 1997. At the time of application for service, a new occupant of a premise currently on the CLOSED Rate Category RTT will be placed on the Option 1 Time-of-Use Rate (Rate Category RTEH) and will be informed of other rate options available to them.
3. Effective January 1, 2014, the rate category RTT is closed. Remaining customers on the RTT rate will be placed on the RTEH rate with the RTES credit applied at billing.

Residential Time-of-Use Service Rate Schedule R-TOU

I. Applicability

This Rate Schedule 1-R-TOU applies to single- and three-phase service for the following types of residential premises:

1. Individually metered residences including single-family homes, duplexes, apartments, and condominiums; and
2. General farm service where the meter also serves the residence or additional meters on a farm where the electricity consumed is solely for domestic purposes.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

A. Option 1 Time-of-Use Rate (Rate Categories RTCH, RTEH, RTGH)

1. Option 1 has two periods in the winter season (October through May) and two periods in the summer season (June through September). The times of day when SMUD experiences more demand for electricity is called the on-peak; all other times are referred to as off-peak. Time periods and holidays are detailed in Section V. Conditions of Service.
2. SMUD offers a trial time-of-use (TOU) option for residential customers who want to see if they benefit from this type of rate. Residential customers shall be entitled to a 12-month trial period for Option 1 Time-of-Use. The trial applies to the house load only and does not include any electric vehicle charging. At the end of the trial period the total electricity usage charges for the trial period will be compared to what the total electricity usage charges would have been on the applicable non-TOU rate for the same period. If the customer would have paid less during the trial period had they been on the applicable non-TOU rate, the customer will receive a credit for the difference after which either the Standard Rate or the Option 1 Time-of-Use Rate must be selected.
3. If customers formerly on a closed rate elect to remain on the Option 1 Time-of-Use Rate beyond the trial period, the customers forfeit their eligibility to return to the closed rate. Customers formerly on a closed electric rate will be placed on the otherwise applicable rates RSEH or RWEH.
4. If the Option 1 Time-of-Use Rate is selected at the end of the trial period, customers subsequently requesting a transfer from the Option 1 Time-of-Use Rate to the Standard Rate may not return to the Option 1 Time-of-Use Rate for a 12-month period. Customers returning to the Option 1 Time-of-Use Rate at the same premise are not entitled to an additional trial period.

B. Option 2 Time-of-Use (Rate Categories RTE5, RTC5, RTG5)

1. Option 2 has two periods in the winter season and three periods in the summer season. The time of the day when SMUD experiences the highest demand for electricity in the summer (June through September) is called the super-peak period; on each side of this time period there is an on-peak period; remaining hours are referred to as off-peak period. Time periods and holidays are detailed in Section V. Conditions of Service.
2. Option 2 is not a trial rate. Any electric heat customer transferring to this optional rate shall forfeit any eligibility for a rate that has been closed to new customers. Customers subsequently requesting a transfer from the Option 2 Time-of-Use Rate to the Standard Rate may not return to the Option 2 Time-of-Use Rate for a 12-month period.

C. Residential Thermal Energy Storage Option (Rate Category RTT – CLOSED)

1. A residential customer whose premise is equipped with a Residential Thermal Energy Storage (RTES) system or who may have qualified by meeting the load criteria established for RTES including the lockout of space-conditioning compressors during the on-peak period, and who is billed on the Option 1 Time-of-Use Rate shall be entitled to a credit on the winter off-peak and summer off-peak and summer on-peak prices.
2. Rate Category RTT was closed to new occupants of premises equipped with RTES systems and to new installations of RTES systems, or other qualifying equipment, effective June 1, 1997. At the time of application for service, a new occupant of a premise currently on the CLOSED Rate Category RTT will be placed on the Option 1 Time-of-Use Rate (Rate Category RTEH) and will be informed of other rate options available to them.
3. Effective January 1, 2014, the rate category RTT is closed. Remaining customers on the RTT rate will be placed on the RTEH rate with the RTES credit applied at billing.

Residential Smart Pricing Pilot Rate Schedule R-SPO

I. Applicability

This schedule 1-R-SPO applies to single and three-phase service for residential premises, and is only available to current and deferred participants of the Smart Pricing pilot study. They apply solely during the summer season. Participants are billed on their otherwise applicable rates during the remaining months of the year. SMUD may, at its sole discretion, extend the Smart Pricing rates to other eligible participants.

II. Rate Charges

(Rate categories RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_SP)

A. Weekday Value Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$14.00
On-Peak \$/kWh.....	\$0.2800
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0765
Off-Peak Base-Plus Usage per month.....	\$0.1750

B. Off-Peak Discount Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$14.00
Conservation Day \$/kWh.....	\$0.7500
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0860
Off-Peak Base-Plus Usage per month.....	\$0.1700

C. Optimum Off-Peak Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$14.00
Conservation Day \$/kWh.....	\$0.7500
On-Peak \$/kWh.....	\$0.2800
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0640
Off-Peak Base-Plus Usage per month.....	\$0.1610

III. Base Usage Quantities

Smart Pricing Off-Peak Base Usage (June 1 – September 30 Summer Only)

Smart Pricing Options	Standard Rate	With Domestic Well
Weekday Value Plan	700 kWh	1,000 kWh
Off-Peak Discount Plan	765 kWh	1,065 kWh
Optimum Off-Peak Plan	700 kWh	1,000 kWh

IV. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program.** The Energy Assistance Program discount is available to eligible customers who meet the specific eligibility requirements prescribed in Rate Schedule 1-EAPR.

Residential Smart Pricing Pilot Rate Schedule R-SPO

B. Medical Equipment Discount Program. The Medical Equipment discount is not available on the residential Smart Pricing pilot rates.

C. Generator Standby Service Option

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

1. The customer owns and operates or leases one or more generators, sited on the customer premise, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Generator Standby Service – January 1 through December 31
\$/kW of Contract Capacity per month.....\$6.25

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected Residential Smart Pricing TOU pilot rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable Residential SmartPricing Time-of-Use Rates.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1–NEM.

E. Net Energy Metering Option. The rate Schedule 1-NEM is not available on the residential Smart Pricing pilot rates.

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, 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 monthly electricity usage 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 and/or renewable energy credits 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 at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

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

Fixed Greenergy All Renewables.....	\$6.00
Fixed Greenergy Advocate.....	\$3.00

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

Residential Smart Pricing Pilot Rate Schedule R-SPO

H. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month\$39.90

VI. Conditions of Service

A. Billing Periods (June 1 – September 30 Summer Only)

On-Peak Hours	Summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays.
Conservation Days	Up to twelve summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays, announced by SMUD a day in advance as a Conservation Day event.
Off-Peak Base Usage Hours	Usage in all other non-peak hours up to Off-Peak Base Usage for standard customers and customers with domestic wells.
Off-Peak Base-Plus Usage Hours	Usage in non-peak hours beyond Off-Peak Base Usage for standard customers and customers with domestic wells

B. Billing Holidays

Off-peak pricing in the Time Based Pricing Plans shall apply during the following holidays:

<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

C. Electric Space Heat Eligibility

Residential customers with electric space heating may qualify for additional kWh in Base Usage allowance during the winter, spring and fall seasons as indicated in section III. To be eligible, the customer's electric space heating system must be the sole source of domestic space heating installed at the metered premise, except in the case of renewable heating sources, noted in criteria 4 listed below. In addition the electric space heating system must meet one of the following eligibility criteria:

1. An electric space heating system that qualified under the Closed Electric Heat rate before May 1, 1996, **or**
2. A heat pump, including any unit with electric resistance backup, **or**
3. An electric resistance heating system that was installed prior to September 1, 1980, **or**
4. An electric resistance heating system used to supplement a geo-thermal, solar or other renewable fuel heating system.

Non-renewable sources of space heat systems that do **not** qualify for the added residential electric space heat Base Usage

Residential Smart Pricing Pilot Rate Schedule R-SPO

allowances include:

- Fossil fuels such as natural gas, propane, gasoline and oil;
- Wood and pelletized fuels.

D. Domestic Well Eligibility

Residential customers who own and operate a well that is their sole source of domestic water, are eligible for additional kWh of monthly Base Usage quantity on the residential meter serving the well, as indicated in section III.

VII. Billing Proration of Charges

A. Proration of Charges

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

Residential Smart Pricing Pilot Rate Schedule R-SPO

I. Applicability

This schedule 1-R-SPO applies to single and three-phase service for residential premises, and is only available to current and deferred participants of the Smart Pricing pilot study. They apply solely during the summer season. Participants are billed on their otherwise applicable rates during the remaining months of the year. SMUD may, at its sole discretion, extend the Smart Pricing rates to other eligible participants.

II. Rate Charges

(Rate categories RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_SP)

A. Weekday Value Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$16.00
On-Peak \$/kWh.....	\$0.2800
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0800
Off-Peak Base-Plus Usage per month.....	\$0.1760

B. Off-Peak Discount Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$16.00
Conservation Day \$/kWh.....	\$0.7500
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0900
Off-Peak Base-Plus Usage per month.....	\$0.1740

C. Optimum Off-Peak Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$16.00
Conservation Day \$/kWh.....	\$0.7500
On-Peak \$/kWh.....	\$0.2800
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0650
Off-Peak Base-Plus Usage per month.....	\$0.1640

III. Base Usage Quantities

Smart Pricing Off-Peak Base Usage (June 1 – September 30 Summer Only)

Smart Pricing Options	Standard Rate	With Domestic Well
Weekday Value Plan	730 kWh	1,030 kWh
Off-Peak Discount Plan	835 kWh	1,135 kWh
Optimum Off-Peak Plan	730 kWh	1,030 kWh

IV. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program.** The Energy Assistance Program discount is available to eligible customers who meet the specific eligibility requirements prescribed in Rate Schedule 1-EAPR.

Residential Smart Pricing Pilot Rate Schedule R-SPO

B. Medical Equipment Discount Program. The Medical Equipment discount is not available on the residential Smart Pricing pilot rates.

C. Generator Standby Service Option

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

1. The customer owns and operates or leases one or more generators, sited on the customer premise, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Generator Standby Service – January 1 through December 31
\$/kW of Contract Capacity per month.....\$6.25

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected Residential Smart Pricing TOU pilot rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable Residential SmartPricing Time-of-Use Rates.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1–NEM.

E. Net Energy Metering Option. The rate Schedule 1-NEM is not available on the residential SmartPricing pilot rates. .

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, 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 monthly electricity usage 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 and/or renewable energy credits 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 at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

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

Fixed Greenergy All Renewables.....	\$6.00
Fixed Greenergy Advocate.....	\$3.00

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

Residential Smart Pricing Pilot Rate Schedule R-SPO

H. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month\$40.90

VI. Conditions of Service

A. Billing Periods (June 1 – September 30 Summer Only)

On-Peak Hours	Summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays.
Conservation Days	Up to twelve summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays, announced by SMUD a day in advance as a Conservation Day event.
Off-Peak Base Usage Hours	Usage in all other non-peak hours up to Off-Peak Base Usage for standard customers and customers with domestic wells.
Off-Peak Base-Plus Usage Hours	Usage in non-peak hours beyond Off-Peak Base Usage for standard customers and customers with domestic wells

B. Billing Holidays

Off-peak pricing in the Time Based Pricing Plans shall apply during the following holidays:

<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

C. Electric Space Heat Eligibility

Residential customers with electric space heating may qualify for additional kWh in Base Usage allowance during the winter, spring and fall seasons as indicated in section III. To be eligible, the customer's electric space heating system must be the sole source of domestic space heating installed at the metered premise, except in the case of renewable heating sources, noted in criteria 4 listed below. In addition the electric space heating system must meet one of the following eligibility criteria:

1. An electric space heating system that qualified under the Closed Electric Heat rate before May 1, 1996, **or**
2. A heat pump, including any unit with electric resistance backup, **or**
3. An electric resistance heating system that was installed prior to September 1, 1980, **or**
4. An electric resistance heating system used to supplement a geo-thermal, solar or other renewable fuel heating system.

Non-renewable sources of space heat systems that do **not** qualify for the added residential electric space heat Base Usage

Residential Smart Pricing Pilot Rate Schedule R-SPO

allowances include:

- Fossil fuels such as natural gas, propane, gasoline and oil;
- Wood and pelletized fuels.

D. Domestic Well Eligibility

Residential customers who own and operate a well that is their sole source of domestic water, are eligible for additional kWh of monthly Base Usage quantity on the residential meter serving the well, as indicated in section III.

VII. Billing Proration of Charges

A. Proration of Charges

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

Residential Smart Pricing Pilot Rate Schedule R-SPO

I. Applicability

This schedule 1-R-SPO applies to single and three-phase service for residential premises, and is only available to current and deferred participants of the Smart Pricing pilot study. They apply solely during the summer season. Participants are billed on their otherwise applicable rates during the remaining months of the year. SMUD may, at its sole discretion, extend the Smart Pricing rates to other eligible participants.

II. Rate Charges

(Rate categories RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_SP)

A. Weekday Value Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$18.00
On-Peak \$/kWh.....	\$0.3000
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0840
Off-Peak Base-Plus Usage per month.....	\$0.1800

B. Off-Peak Discount Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$18.00
Conservation Day \$/kWh.....	\$0.7500
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0960
Off-Peak Base-Plus Usage per month.....	\$0.1800

C. Optimum Off-Peak Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$18.00
Conservation Day \$/kWh.....	\$0.7500
On-Peak \$/kWh.....	\$0.3000
Off-Peak \$/kWh:	
Off-Peak Base Usage per month.....	\$0.0720
Off-Peak Base-Plus Usage per month.....	\$0.1680

III. Base Usage Quantities

Smart Pricing Off-Peak Base Usage (June 1 – September 30 Summer Only)

Smart Pricing Options	Standard Rate	With Domestic Well
Weekday Value Plan	970 kWh	1,270 kWh
Off-Peak Discount Plan	1,100 kWh	1,400 kWh
Optimum Off-Peak Plan	970 kWh	1,270 kWh

IV. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program.** The Energy Assistance Program discount is available to eligible customers who meet the specific eligibility requirements prescribed in Rate Schedule 1-EAPR.

Residential Smart Pricing Pilot Rate Schedule R-SPO

B. Medical Equipment Discount Program. The Medical Equipment discount is not available on the residential Smart Pricing pilot rates.

C. Generator Standby Service Option

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

1. The customer owns and operates or leases one or more generators, sited on the customer premise, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Generator Standby Service – January 1 through December 31
\$/kW of Contract Capacity per month.....\$6.25

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected Residential Smart Pricing TOU pilot rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable Residential SmartPricing Time-of-Use Rates.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1–NEM.

E. Net Energy Metering Option. The rate Schedule 1-NEM is not available on the residential Smart Pricing pilot rates. .

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, 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 monthly electricity usage 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 and/or renewable energy credits 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 at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

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

Fixed Greenergy All Renewables.....	\$6.00
Fixed Greenergy Advocate.....	\$3.00

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

Residential Smart Pricing Pilot Rate Schedule R-SPO

H. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Three-Phase Service – January 1 through December 31

Special Facilities fee per month\$40.90

VI. Conditions of Service

A. Billing Periods (June 1 – September 30 Summer Only)

On-Peak Hours	Summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays.
Conservation Days	Up to twelve summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays, announced by SMUD a day in advance as a Conservation Day event.
Off-Peak Base Usage Hours	Usage in all other non-peak hours up to Off-Peak Base Usage for standard customers and customers with domestic wells.
Off-Peak Base-Plus Usage Hours	Usage in non-peak hours beyond Off-Peak Base Usage for standard customers and customers with domestic wells

B. Billing Holidays

Off-peak pricing in the Time Based Pricing Plans shall apply during the following holidays:

<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

C. Electric Space Heat Eligibility

Residential customers with electric space heating may qualify for additional kWh in Base Usage allowance during the winter, spring and fall seasons as indicated in section III. To be eligible, the customer's electric space heating system must be the sole source of domestic space heating installed at the metered premise, except in the case of renewable heating sources, noted in criteria 4 listed below. In addition the electric space heating system must meet one of the following eligibility criteria:

1. An electric space heating system that qualified under the Closed Electric Heat rate before May 1, 1996, **or**
2. A heat pump, including any unit with electric resistance backup, **or**
3. An electric resistance heating system that was installed prior to September 1, 1980, **or**
4. An electric resistance heating system used to supplement a geo-thermal, solar or other renewable fuel heating system.

Non-renewable sources of space heat systems that do **not** qualify for the added residential electric space heat Base Usage

Residential Smart Pricing Pilot Rate Schedule R-SPO

allowances include:

- Fossil fuels such as natural gas, propane, gasoline and oil;
- Wood and pelletized fuels.

D. Domestic Well Eligibility

Residential customers who own and operate a well that is their sole source of domestic water, are eligible for additional kWh of monthly Base Usage quantity on the residential meter serving the well, as indicated in section III.

VII. Billing Proration of Charges

A. Proration of Charges

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

Residential Smart Pricing Pilot Rate Schedule R-SPO

I. Applicability

This schedule 1-R-SPO applies to single and three-phase service for residential premises, and is only available to current and deferred participants of the Smart Pricing pilot study. They apply solely during the summer season. Participants are billed on their otherwise applicable rates during the remaining months of the year. SMUD may, at its sole discretion, extend the Smart Pricing rates to other eligible participants.

II. Rate Charges

(Rate categories RSCH_SP, RSEH_SP, RSGH_SP, RWCH_SP, RWEH_SP, RWGH_SP)

A. Weekday Value Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$20.00
On-Peak \$/kWh.....	\$0.3000
All Off-Peak kWh Usage \$/kWh	\$0.0930

B. Off-Peak Discount Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$20.00
Conservation Day \$/kWh.....	\$0.7500
All Off-Peak kWh Usage \$/kWh	\$0.1040

C. Optimum Off-Peak Plan (Summer Season Only)

System Infrastructure Fixed Charge per month.....	\$20.00
Conservation Day \$/kWh.....	\$0.7500
On-Peak \$/kWh.....	\$0.3000
All Off-Peak kWh Usage \$/kWh	\$0.0790

III. Base Usage Quantities

Smart Pricing Off-Peak Base Usage (June 1 – September 30 Summer Only)

All Smart Pricing Options	All kWh Usage
---------------------------	---------------

IV. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges.

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

V. Rate Option Menu

- A. **Energy Assistance Program.** The Energy Assistance Program discount is available to eligible customers who meet the specific eligibility requirements prescribed in Rate Schedule 1-EAPR.
- B. **Medical Equipment Discount Program.** The Medical Equipment discount is not available on the residential Smart Pricing pilot rates.
- C. **Generator Standby Service Option**
Generator Standby Service applies when all of the following conditions are met:

Residential Smart Pricing Pilot Rate Schedule R-SPO

1. The customer owns and operates or leases one or more generators, sited on the customer premise, that serves all or part of the customer’s load; and
2. The generator(s) are not fueled by a renewable resource; and
3. The generator(s) have a combined nameplate rating less than 100 kW; and
4. The generator(s) are connected to SMUD’s electrical system; and
5. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Generator Standby Service – January 1 through December 31
\$/kW of Contract Capacity per month.....\$6.25

In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under the selected Residential Smart Pricing TOU pilot rate. These charges include System Infrastructure Fixed Charges and electricity usage charges for SMUD-provided power. All energy provided to the customer by SMUD will be billed at the applicable Residential SmartPricing Time-of-Use Rates.

The Generator Standby Service Charge will be waived for qualifying net metered generation. Refer to Rate Schedule 1–NEM.

E. Net Energy Metering Option. The rate Schedule 1-NEM is not available on the residential SmartPricing pilot rates. .

F. Green Pricing Options

1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward the installation of a photoelectric system at a selected community locale. Refer to the SMUD website, www.smud.org, 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 monthly electricity usage 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 and/or renewable energy credits 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 at or below the 2 cent premium limit.

3. Fixed Greenergy Fee Options

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

Fixed Greenergy All Renewables.....	\$6.00
Fixed Greenergy Advocate.....	\$3.00

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

H. Residential Three-Phase Service Option

This option applies to customers located in areas where three-phase service is available. A Special Facilities fee is charged to cover the additional costs for providing this service. This charge is in addition to the System Infrastructure Fixed Charge.

Residential Smart Pricing Pilot Rate Schedule R-SPO

Three-Phase Service – January 1 through December 31

Special Facilities fee per month\$40.90

VI. Conditions of Service

A. Billing Periods (June 1 – September 30 Summer Only)

On-Peak Hours	Summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays.
Conservation Days	Up to twelve summer weekdays between 4:00 p.m. and 7:00 p.m., exclusive of July 4 th and Labor Day holidays, announced by SMUD a day in advance as Conservation Day event.
Off-Peak Base Usage Hours	Usage in all other non-peak hours up to Off-Peak Base Usage for standard customers and customers with domestic wells.
Off-Peak Base-Plus Usage Hours	Usage in non-peak hours beyond Off-Peak Base Usage for standard customers and customers with domestic wells

B. Billing Holidays

Off-peak pricing in the Time Based Pricing Plans shall apply during the following holidays:

<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

VII. Billing Proration of Charges

A. Proration of Charges

The Base Usage and Base-Plus Usage allowances will be prorated for nonstandard billing periods and when the billing period spans more than one season. The following table shows the basis for the proration in these circumstances. The monthly System Infrastructure Fixed Charge will not be prorated, regardless of the number of days in the billing period or the spanning of multiple seasons. The monthly System Infrastructure Fixed Charge is determined by the billing period end date.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days. (Billing period days divided by 30).
Bill period is longer than 34 days	
Seasons overlap within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season.

(End)

General Service Rate Schedule GS

I. Applicability

This Rate Schedule 1-GS applies to single- or three-phase nonresidential general service delivered at standard voltages designated by SMUD as available at the customer's premise. This schedule is mandatory for all commercial and industrial (C&I) accounts with monthly maximum demand that does not exceed 299 kW for three or more consecutive months. This schedule also applies to General Service accounts with contract capacity of 299 kW or less. The demand for any month shall be the maximum 15-minute kW delivery during the month. For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

A. Small Nondemand Service (GSN_T)

This rate applies to General Service accounts with a monthly maximum demand of 20 kW or less. Whenever the monthly maximum demand exceeds 20 kW for three consecutive months and the monthly energy usage is at least 7,300 kWh for three consecutive months within a 12-month period, the account will be billed on the applicable demand rate. To return to the nondemand rate, the monthly maximum demand must be 20 kW or less for 12-consecutive months.

B. Small Nondemand, Nonmetered Service (GFN)

This rate applies to General Service accounts where an account's 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 operation, SMUD, at its discretion, and with the customer's consent, will calculate electricity consumed in lieu of providing metering equipment. The calculated electricity consumption will be billed at the average of the GSN_T rate's annual electricity usage charges.

C. Small Demand Service (GSS_T)

This rate applies to General Service accounts with a monthly maximum demand of at least 21 kW but does not exceed 299 kW and monthly energy usage of at least 7,300 kWh within a 12-month period. The customer will be billed on this demand rate unless the monthly maximum demand falls below 21 kW for 12 consecutive months or the monthly maximum kW exceeds 299 kW for three consecutive months.

II. Firm Service Rates

Rate Category	Nondemand GSN_T	Flat GFN	Demand GSS_T
Winter Season - October 1 through May 31			
System Infrastructure Fixed Charge - per month per meter	\$14.00	\$8.25	\$22.55
Site Infrastructure Charge (per 12 months max kW or contract capacity)	n/a	n/a	\$6.97
Electricity Usage Charge			
All day \$/kWh	\$0.1252	\$0.1265	\$0.0939
Summer Season - June 1 through September 30			
System Infrastructure Fixed Charge - per month per meter	\$14.00	\$8.25	\$22.55
Site Infrastructure Charge (per 12 months max kW or contract capacity)	n/a	n/a	\$6.97
Electricity Usage Charge			
On-peak \$/kWh	\$0.2850	\$0.1265	\$0.2394
Off-peak \$/kWh	\$0.1063	\$0.1265	\$0.0830

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.

B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

General Service Rate Schedule GS

provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

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

B. Service Voltage Definition

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

1. *Secondary Service Voltage*

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

2. *Primary Service Voltage*

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

3. *Subtransmission Service Voltage*

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

C. Power Factor Adjustment or Waiver

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

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

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

Electricity Usage: the total monthly kWh for the account

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

Power Factor Adjustment Rate per excess KVAR\$0.0100

2. **Waiver Contract (charge per month is set for the term of the waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract.

The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2653

D. Winter (October 1 – May 31) All hours are off-peak.

General Service Rate Schedule GS

I. Applicability

This Rate Schedule 1-GS applies to single- or three-phase nonresidential general service delivered at standard voltages designated by SMUD as available at the customer's premise. This schedule is mandatory for all commercial and industrial (C&I) accounts with monthly maximum demand that does not exceed 299 kW for three or more consecutive months. This schedule also applies to General Service accounts with contract capacity of 299 kW or less. The demand for any month shall be the maximum 15-minute kW delivery during the month. For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

A. Small Nondemand Service (GSN_T)

This rate applies to General Service accounts with a monthly maximum demand of 20 kW or less. Whenever the monthly maximum demand exceeds 20 kW for three consecutive months and the monthly energy usage is at least 7,300 kWh for three consecutive months within a 12-month period, the account will be billed on the applicable demand rate. To return to the nondemand rate, the monthly maximum demand must be 20 kW or less for 12-consecutive months.

B. Small Nondemand, Nonmetered Service (GFN)

This rate applies to General Service accounts where an account's 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 operation, SMUD, at its discretion, and with the customer's consent, will calculate electricity consumed in lieu of providing metering equipment. The calculated electricity consumption will be billed at the average of the GSN_T rate's annual electricity usage charges.

C. Small Demand Service (GSS_T)

This rate applies to General Service accounts with a monthly maximum demand of at least 21 kW but does not exceed 299 kW and monthly energy usage of at least 7,300 kWh within a 12-month period. The customer will be billed on this demand rate unless the monthly maximum demand falls below 21 kW for 12 consecutive months or the monthly maximum kW exceeds 299 kW for three consecutive months.

II. Firm Service Rates

Rate Category	Nondemand GSN_T	Flat GFN	Demand GSS_T
Winter Season - October 1 through May 31			
System Infrastructure Fixed Charge - per month per meter	\$16.00	\$8.45	\$23.10
Site Infrastructure Charge (per 12 months max kW or contract capacity)	n/a	n/a	\$7.14
Electricity Usage Charge			
All day \$/kWh	\$0.1266	\$0.1278	\$0.0962
Summer Season - June 1 through September 30			
System Infrastructure Fixed Charge - per month per meter	\$16.00	\$8.45	\$23.10
Site Infrastructure Charge (per 12 months max kW or contract capacity)	n/a	n/a	\$7.14
Electricity Usage Charge			
On-peak \$/kWh	\$0.2862	\$0.1278	\$0.2455
Off-peak \$/kWh	\$0.1075	\$0.1278	\$0.0852

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

- A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

General Service Rate Schedule GS

provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

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

B. Service Voltage Definition

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

1. *Secondary Service Voltage*

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

2. *Primary Service Voltage*

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

3. *Subtransmission Service Voltage*

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

C. Power Factor Adjustment or Waiver

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

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

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

Electricity Usage: the total monthly kWh for the account

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

Power Factor Adjustment Rate per excess KVAR\$0.0103

2. **Waiver Contract (charge per month is set for the term of the waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract.

The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR \$0.2719

D. Winter (October 1 – May 31) All hours are off-peak.

General Service Legacy Rate Rate Schedule GS-LEG (Closed to new premises)

upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 2 cent premium limit.

G. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD's website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

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

B. Service Voltage Definition

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

1. *Secondary Service Voltage*

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

2. *Primary Service Voltage*

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

3. *Subtransmission Service Voltage*

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

C. Power Factor Adjustment or Waiver

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

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

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

Electricity Usage: the total monthly kWh for the account

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

Power Factor Adjustment Rate per excess KVAR\$0.0100

2. **Waiver Contract (charge per month is set for the term of the waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract.

General Service Legacy Rate Rate Schedule GS-LEG (Closed to new premises)

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD’s website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

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

B. Service Voltage Definition

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

1. *Secondary Service Voltage*

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

2. *Primary Service Voltage*

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

3. *Subtransmission Service Voltage*

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

C. Power Factor Adjustment or Waiver

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

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

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

Electricity Usage: the total monthly kWh for the account

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

Power Factor Adjustment Rate per excess KVAR\$0.0103

2. **Waiver Contract (charge per month is set for the term of the waiver)**

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract.

The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868% percent of kW

Waiver Rate per excess KVAR\$0.2719

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

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

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

Excess KVAR x Waiver Rate

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2653

D. Large General Service Time-of-Use Billing Periods

Winter On-Peak: October 1 -May 31	Weekdays between 12:00 noon and 10:00 p.m.
Summer On-Peak: June 1 -September 30	Weekdays between 12:00 noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m.
Summer Super-Peak: June 1 - September 30	Weekdays between 2:00 p.m. and 8:00 p.m.
Off-Peak	All other hours, including holidays shown below.

Off-peak pricing shall apply during the following holidays:

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

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one season. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Billing period is less than 27 days	Relationship between the length of the billing period and 30 days.
Billing period is more than 34 days	
Seasons overlap within billing period	Relationship between the length of the billing period and the number of days that fall within the respective seasons.

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

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

Excess KVAR x Waiver Rate

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2719

D. Large General Service Time-of-Use Billing Periods

Winter On-Peak: October 1 -May 31	Weekdays between 12:00 noon and 10:00 p.m.
Summer On-Peak: June 1 -September 30	Weekdays between 12:00 noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m.
Summer Super-Peak: June 1 - September 30	Weekdays between 2:00 p.m. and 8:00 p.m.
Off-Peak	All other hours, including holidays shown below.

Off-peak pricing shall apply during the following holidays:

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

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one season. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Billing period is less than 27 days	Relationship between the length of the billing period and 30 days.
Billing period is more than 34 days	
Seasons overlap within billing period	Relationship between the length of the billing period and the number of days that fall within the respective seasons.

General Service Campus Billing Rate Schedule CB

I. Applicability

This Rate Schedule 1-CB is optional for general service customers served at a common address or industrial campus that have several accounts or service entrances on the same contiguous campus. Campus Billing provides for either hardwire or post-metering of a combination of these accounts to a single load shape for billing purposes. Under this option the customer receives one bill for the entire campus and the aggregated monthly maximum kW is used to determine the applicable rate schedule under which the campus account will be billed. Campus billing is available to customers where at least one existing account to be included in the campus account is on Rate Schedules GS-TOU1, GS-TOU2 or GS-TOU3.

For the purposes of this schedule a “month” is considered to be a single billing period of 27 to 34 days.

II. Pricing Structure

A. System Infrastructure Fixed Charge

The customer pays a single System Infrastructure Fixed Charge to recover the cost of maintaining or replacing one meter and the overhead costs for billing and customer service.

B. Campus Meters Charge

The customer must pay a Campus Meters Charges for all but the first meter. The Campus Meters Charge recovers costs for the meters, Current Transformer (CT), Potential Transformer (PT), meter testing, data management services, auxiliary metering equipment and additional billing services. The Campus Meters Charges vary by service voltage level. Information on the associated monthly charges is available on SMUD’s website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.

C. Data Services Meter Rental

If a data service meter is required for communication with a legacy meter(s) there is an additional fee for rental of the data services meter. Information on the associated monthly charges is available on SMUD’s website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.

D. Rate Changes

Campus billing prices will be subject to any applicable changes to the GS-TOU rates, the Campus Meter Charges, and the Data Services Meter Rental Charge.

III. Site Infrastructure Charge

When the accounts are aggregated through Campus Billing, SMUD creates a new account with no billing history. As a result, the 12-months maximum kW basis for the Site Infrastructure Charge is initially set by the first month’s maximum kW on the campus account.

IV. Conditions of Service

The following criteria define the conditions under which campus rates would be permitted. Failure to comply with any of these conditions will revoke the option for campus billing and the campus will be returned to individual accounts on their applicable rate.

- A. All accounts are under the same legal entity buying and consuming the power at the site

General Service Campus Billing Rate Schedule CB

The term “legal entity” means the name on each account must be the same company/organization.

- B.** All meters are on a contiguous site.
The parcels of land are physically adjacent; the parcels may be separated by public streets or railways.
- C.** No meter provides sub-metering on campus to third parties.
- D.** All meters are served at the same service voltage. SMUD recognizes the following three voltage classes:
 - 1. Transmission – 69 kV or higher
 - 2. Primary – 12 kV or 21 kV
 - 3. Secondary – all voltages lower than 12 kV
- E.** Each meter is capable of interval metering on each service entrance.
If a meter is not capable of interval metering the customer will be charged for the cost of installing such a meter.
- F.** Agricultural Service and General Service accounts.

AG and GS can be included in a campus account, however, a campus account cannot consist of solely accounts on Agricultural service or solely on General Service or a combination of Agricultural and General Service cannot combine into a campus account.
- G.** The campus account maintains or exceeds GS-TOU3 eligibility.
- H.** No use of parallel systems for shifting load between different rate offerings.

Should this occur, SMUD shall have the right to corrective billing on a single rate and full reimbursement of waived System Infrastructure Fixed Charges.
- I.** The customer provides SMUD with a single point of contact for billing and service questions.
- J.** At least one of the proposed campus accounts is on a GS-TOU Rate as defined in Rate Schedules GS-TOU1, GS-TOU2, or GS-TOU3 at the time campus billing is requested.
- K.** All the meters must feed off the same substation as determined by SMUD. For subtransmission customers, all meters must be fed off the same bank at the substation as determined by SMUD.

Campus accounts created before January 1, 2014, are grandfathered under the prior rate option with regard to subsection J, and subsection K. If a grandfathered account requests that additional meters be added to the campus, the addition will be allowed if the service is fed from a substation already part of the campus account.

V. Setting Up a Campus Account

A customer can request campus billing from an Energy Advisor. The Energy Advisor will verify the customer’s accounts meet the requirements and the eligibility for campus billing. If the Energy Advisor determines the accounts are eligible the Energy Advisor will provide a Request for Campus Billing Option form for the customer detailing the startup costs and the ongoing monthly costs. Once the Request form is returned with the customer’s signature acknowledging the costs the Energy Advisor will submit the request to Billing. Campus billing will start on the bill after all accounts have been prepared for campus billing.

VI. Billing

A. Service Rendered

Service rendered in accordance with this rate is at SMUD’s sole discretion.

B. Proration of Charges

General Service Campus Billing Rate Schedule CB

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one season. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Billing period is less than 27 days	Relationship between the length of the billing period and 30 days.
Billing period is more than 34 days	
Seasons overlap within billing period	Relationship between the length of the billing period and the number of days that fall within the respective seasons.

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD’s sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

VII. Terminating a Campus Billing Account

If after a rolling twelve-month period the demand for the campus account falls below the minimum demand for a GS-TOU3 rate, the campus account will be terminated. All meters will revert to individual accounts. The accounts will not be eligible to return to a campus account for twelve months thereafter and only if they meet all the criteria for the Campus Billing Option listed in Section IV Conditions of Service. This rule applies to all Campus accounts regardless the date they were created.

The customer can elect to revert back to individual accounts at any time by contacting Billing or an Energy Advisor. All meters will be converted to single accounts and the corresponding current rates will be assigned based on usage and demand. It may take more than one billing cycle to change the campus account back to individual accounts.

VIII. Reinstating a Campus Billing Account

After terminating the Campus Billing Option, the campus account, or dropping one or more meters from the campus account, the customer cannot have any of the meters that comprised the campus account reinstated on an existing or new campus account for 12 months from the date of removal from the option.

After 12 months, the meters can be used to create a new campus account or be added to an existing campus.

If the original campus account no longer exists, the procedure for setting up a Campus Account must be followed. See section V.

(End)

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP *(Closed to new customers)*

2. *Primary Service Voltage*

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

3. *Subtransmission Service Voltage*

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

C. Power Factor Adjustment or Waiver

1. Adjustment (charge per month varies)

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

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

Electricity Usage: the total monthly kWh for the account

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

Power Factor Adjustment Rate\$0.0100

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2653

D. Large General Service Time-of-Use Billing Periods

Winter On-Peak: October 1 - May 31	Weekdays between 12:00 noon and 10:00 p.m.
Summer On-Peak: June 1 - September 30	Weekdays between 12:00 noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m.
Summer Super-Peak: June 1 - September 30	Weekdays between 2:00 p.m. and 8:00 p.m.
Off-Peak	All other hours, including holidays shown below.

Off-peak pricing shall apply during the following holidays:

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

General Service Temperature-Dependent Pricing/Economic Retention Rate Schedule GS-TDP *(Closed to new customers)*

2. *Primary Service Voltage*

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

3. *Subtransmission Service Voltage*

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

C. Power Factor Adjustment or Waiver

1. Adjustment (charge per month varies)

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

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

Electricity Usage: the total monthly kWh for the account

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

Power Factor Adjustment Rate\$0.0103

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The waiver amount per month is calculated:

$$\text{Excess KVAR } x \text{ Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR\$0.2719

D. Large General Service Time-of-Use Billing Periods

Winter On-Peak: October 1 - May 31	Weekdays between 12:00 noon and 10:00 p.m.
Summer On-Peak: June 1 - September 30	Weekdays between 12:00 noon and 2:00 p.m. and between 8:00 p.m. and 10:00 p.m.
Summer Super-Peak: June 1 - September 30	Weekdays between 2:00 p.m. and 8:00 p.m.
Off-Peak	All other hours, including holidays shown below.

Off-peak pricing shall apply during the following holidays:

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

Street Lighting Service Rate Schedule SLS

I. Applicability

This Rate Schedule 1-SLS applies to outdoor lighting service facilities for:

1. Streets; and
2. Highways and bridges; and
3. Public parks; and
4. Elementary schools, secondary schools, and colleges.

This schedule covers the following service categories:

- **Customer-owned and maintained — Rate Category SL_COM**
- **Customer-owned and maintained, metered — Rate Category SL_COM_M**
- **Customer-owned, SMUD-maintained — Rate Category SL_CODM**
- **SMUD (District)-owned and maintained — Rate Category SL_DOM**

For the purposes of the following prices a "month" is considered to be a single billing of 27 to 34 days.

II. Customer-owned and maintained — Rate Category SL_COM

Where the customer owns and maintains the street lighting equipment, SMUD will furnish electricity and switching. Effective January 1, 2015, this rate will be available only to new customers and installations that are not eligible for a metered rate.

Electricity and Switching Charge (\$ per watt of connected load) \$0.0243

III. Customer-owned and maintained, metered — Rate Category SL_COM_M

Where the customer owns and maintains street lighting equipment, that is controlled to **operate solely during dusk to dawn hours**, and requests metered electricity, SMUD will furnish electricity, the meter, and switching. The charges will be as follows:

System Infrastructure Fixed Charge per month \$8.45

Electricity Usage Charge (\$ per kWh) - all kWh \$0.0729

IV. Customer-owned, SMUD (District)-maintained — Rate Category SL_CODM (Closed to new customers and installations)

This rate is closed to new customers and installations effective January 1, 2014. Where the customer owns the street lighting equipment and requests that SMUD supply electricity, switching and, lamp servicing and maintenance, such service will be rendered for lamps and fixtures of sizes and types as SMUD has approved. The charge will be as follows:

Electricity and Switching Charge (\$ per watt of connected load) \$0.0243

There will be a separate monthly charge for maintaining each fixture and/or lamp. SMUD maintains a list of acceptable lamps and fixture types with standard ratings and the corresponding monthly maintenance charge.

This service is restricted to SMUD-approved locations.

V. SMUD (District)-owned and maintained — Rate Category SL_DOM

Where the customer requests that SMUD install, operate, and maintain the entire street lighting system, such service will be provided with fixtures and lamps of sizes and types as approved by SMUD. This rate is restricted to streets that are defined as right-of-way held in public trust, and maintained by the applicable governmental jurisdiction. At SMUD's sole discretion, streets not readily accessible to the general public will be served under the customer owned and maintained rates only.

Electricity and Switching Charge (\$ per watt of connected load) \$0.0243

Street Lighting Service Rate Schedule SLS

There will be a separate monthly charge for installation and maintenance of each fixture (including lamps, refractors, ballasts, photocells and other typical support equipment). These charges are based on the installation of street lighting fixtures of a design specified by SMUD and mounted by means of varying length brackets affixed to existing wood poles that are used to carry distribution system circuits.

When additional or alternative facilities are installed at the customer's request, monthly charges will be assessed according to SMUD's published charge schedule.

Effective January 1, 2015, this rate will be available only to new customers and installations that are not eligible for a metered rate.

A. Relocations and Changes

At the customer's request, SMUD may, at its sole discretion, relocate existing equipment provided the customer reimburses net expense to SMUD incurred in connection therewith, including appropriate engineering and general expense.

At the customer's request, SMUD may, at its sole discretion, replace existing equipment with new equipment prior to expiration of the existing equipment's service life, provided the customer pays to SMUD an amount equal to the unrecovered cost, less salvage value, of the existing equipment to be retired and executes a 15-year contract for service effective with installation of the new equipment.

B. New Service

New service will require an initial contract term of 15 years effective with installation of the service. If service is terminated before the contract term, the customer will be responsible for an amount equal to the unrecovered cost, less salvage value, of the equipment installed.

VI. Electricity Usage Surcharges

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

A. **Solar Surcharge.** Refer to Rate Schedule 1-SB1.

B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-HGA.

VII. Conditions of Service

1. Service will be alternating current at a frequency of approximately 60 hertz, single phase, at voltages specified by SMUD. Lamps shall be controlled to operate from dusk to dawn each night so as to give approximately 4,000 hours of lighting service annually.
2. When a customer requests that SMUD finance as well as install customer-owned street lighting equipment, provisions of Rule and Regulation 2 apply.
3. Information on equipment that qualifies for rates on this schedule and the associated monthly charges is available, on SMUD's website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.
4. SMUD will furnish a meter to provide service under the metered rate categories.

VIII. Billing

A. Rating in Watts

The manufacturer's rating in watts (including all auxiliary equipment) will be used as connected load.

B. Proration of Charges

Billing periods for nonstandard lengths will be billed as follows:

Street Lighting Service Rate Schedule SLS

1. Service connected for 15 or more days during a billing period will be billed for a full month's service.
2. Service connected for 1-14 days during a billing period will not be billed for such partial month's service.
3. Service discontinued for 15 or more days during a billing period will not be billed for such partial month's service.
4. Service discontinued for 1-14 days during a billing period will be billed for a full month's service.

(End)

Street Lighting Service Rate Schedule SLS

I. Applicability

This Rate Schedule 1-SLS applies to outdoor lighting service facilities for:

1. Streets; and
2. Highways, and bridges; and
3. Public parks; and
4. Elementary schools, secondary schools, and colleges.

This schedule covers the following service categories:

- **Customer-owned and maintained — Rate Category SL_COM**
- **Customer-owned and maintained, metered — Rate Category SL_COM_M**
- **Customer-owned, SMUD-maintained — Rate Category SL_CODM**
- **SMUD (District)-owned and maintained — Rate Categories SL_DOM and SL_DOM_M**

For the purposes of the following prices a "month" is considered to be a single billing of 27 to 34 days.

II. Customer-owned and maintained — Rate Category SL_COM

Where the customer owns and maintains the street lighting equipment, SMUD will furnish electricity and switching. Effective January 1, 2015, this rate is available only to new customers and installations that are not eligible for the default SL_COM_M metered rate.

Electricity and Switching Charge (\$ per watt of connected load)..... \$0.0249

III. Customer-owned and maintained, metered — Rate Category SL_COM_M

Effective January 1, 2015, eligible street lighting customers requesting new installations of lamps or addition of new lamps to existing accounts default to the metered SL_COM_M rate. Eligible street lighting customers will be served under the default rate when 1) five or more lamps are connected individually or in series to a single lighting circuit or SMUD point of service, or 2) as determined necessary by SMUD at its sole discretion.

Where the customer owns and maintains street lighting equipment, that is controlled to **operate solely during dusk to dawn hours**, SMUD will furnish electricity, the meter, and switching. The charges will be as follows:

System Infrastructure Fixed Charge per month..... \$8.65

Electricity Usage Charge (\$ per kWh) - all kWh..... \$0.0747

IV. Customer-owned, SMUD (District)-maintained — Rate Category SL_CODM (Closed to new customers and installations)

This rate is closed to new customers and installations effective January 1, 2014. Where the customer owns the street lighting equipment and SMUD supplies electricity, switching and, lamp servicing and maintenance, such service will be rendered for lamps and fixtures of sizes and types as SMUD has approved. The charge will be as follows:

Electricity and Switching Charge (\$ per watt of connected load)..... \$0.0249

There is a separate monthly charge for maintaining each fixture and/or lamp. SMUD maintains a list of acceptable lamps and fixture types with standard ratings and the corresponding monthly maintenance charge.

This service is restricted to SMUD-approved locations.

Street Lighting Service Rate Schedule SLS

V. SMUD (District)-owned and maintained — Rate Categories SL_DOM and SL_DOM_M

Where the customer requests that SMUD install, operate, and maintain the entire street lighting system, such service will be provided with fixtures and lamps of sizes and types as approved by SMUD. This rate is restricted to streets that are defined as right-of-way held in public trust, and maintained by the applicable governmental jurisdiction. At SMUD’s sole discretion, streets not readily accessible to the general public will be served under the customer owned and maintained rates only.

Effective January 1, 2015, eligible street lighting customers requesting new installations of lamps or addition of new lamps to existing accounts default to the metered SL_DOM_M rate. Eligible street lighting customers will be served under the default rate when 1) five or more lamps are connected individually or in series to a single lighting circuit or SMUD point of service, or 2) as determined necessary by SMUD on its sole discretion. Street lighting customers who are not eligible for the default SL_DOM_M metered rate will be served under the SL_DOM rate.

There will be a separate monthly charge for installation and maintenance of each fixture (including lamps, refractors, ballasts, photo cells and other typical support equipment). These charges are based on the installation of street lighting fixtures of a design specified by SMUD and mounted by means of varying length brackets affixed to existing wood poles that are used to carry distribution system circuits.

When additional or alternative facilities are installed at the customer’s request, monthly charges will be assessed according to SMUD’s published charge schedule.

Effective January 1, 2015, the SL_DOM rate will be available only to new customers and installations that are not eligible for the SL_DOM_M metered rate.

A. Pricing

Rate Category SL_DOM, unmetered	
Electricity and Switching Charge (\$ per watt of connected load)	\$0.0249
Rate Category SL_DOM_M, metered	
System Infrastructure Fixed Charge per month or portion thereof	\$8.65
Electricity Usage (¢ per kWh) - all kWh	\$0.0747

B. Relocations and Changes

At the customer’s request, SMUD may, at its sole discretion, relocate existing equipment provided the customer reimburses net expense to SMUD incurred in connection therewith, including appropriate engineering and general expense.

At the customer’s request, SMUD may, at its sole discretion, replace existing equipment with new equipment prior to expiration of the existing equipment’s service life, provided the customer pays to SMUD an amount equal to the unrecovered cost, less salvage value, of the existing equipment to be retired and executes a fifteen-year contract for service effective with installation of the new equipment.

C. New Service

New service will require an initial contract term of 15 years effective with installation of the service. If service is terminated before the contract term, the customer will be responsible for an amount equal to the unrecovered cost, less salvage value, of the equipment installed.

Street Lighting Service Rate Schedule SLS

VI. Electricity Usage Surcharges

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

- A. **Solar Surcharge.** Refer to Rate Schedule 1–SB1.
- B. **Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1–HGA.

VII. Conditions of Service

- A. Service will be alternating current at a frequency of approximately 60 hertz, single phase, at voltages specified by SMUD. Lamps shall be controlled to operate from dusk to dawn each night so as to give approximately 4,000 hours of lighting service annually.
- B. When a customer requests that SMUD finance as well as install customer-owned street lighting equipment, provisions of Rule and Regulation 2 apply.
- C. Information on equipment that qualifies for rates on this schedule and the associated monthly charges is available, on SMUD’s website, www.smud.org, or will be furnished upon request. SMUD will review this information at least once per year and update as necessary for additional approved equipment, technology improvements and pricing changes.
- D. SMUD will furnish a meter to provide service under the metered rate categories.

VIII. Billing

- A. The manufacturer’s rating in watts (including all auxiliary equipment) will be used as connected load.

B. Proration of Charges

Billing periods for nonstandard lengths will be billed as follows:

1. Service connected for 15 or more days during a billing period will be billed for a full month’s service.
2. Service connected for 1-14 days during a billing period will not be billed for such partial month’s service.
3. Service discontinued for 15 or more days during a billing period will not be billed for such partial month’s service.
4. Service discontinued for 1-14 days during a billing period will be billed for a full month’s service.

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule I-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive discounts as follows.

The maximum EAPR discount is \$52 per month for customers not on a well rate and \$64 a month for well rate customers. The calculation of the EAPR discount is the sum of the following components, up to the maximum:

- 1. The difference between the residential System Infrastructure Fixed charge (SIFC) of \$14.00 and the discounted SIFC for EAPR customers of \$5.50.
- 2. A discount of 38 percent applied to the electricity usage charges calculated at non-EAPR rates.

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet the Energy Assistance Program income guidelines.
 - 1. The primary function of the site 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.
 - 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

V. Discount for Nonprofit Organization

Eligible commercial customers will receive discounts as follows:

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The General Service GSN and GSN_T System Infrastructure Fixed Charge will be set at \$7.10 each billing period.
- C. The General Service GSS and GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
Resolution No. 13-xx-xx adopted August __, 2013

Sheet No. 1-EAPR-1
Effective: **January 1, 2014**
Edition: **January 1, 2014**

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule I-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive discounts as follows.

The maximum EAPR discount is \$49 per month for customers not on a well rate and \$61 a month for well rate customers. The calculation of the EAPR discount is the sum of the following components, up to the maximum:

1. The difference between the residential System Infrastructure Fixed charge (SIFC) of \$16.00 and the discounted SIFC for EAPR customers of \$6.50.
2. A discount of 40 percent applied to the electricity usage charges calculated at non-EAPR rates.

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet the Energy Assistance Program income guidelines.
 1. The primary function of the site 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.
 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

V. Discount for Nonprofit Organization

Eligible commercial customers will receive discounts as follows:

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The General Service GSN and GSN_T System Infrastructure Fixed Charge will be set at \$9.10 each billing period.
- C. The General Service GSS and GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
Resolution No. 13-xx-xx adopted August __, 2013

Sheet No. 1-EAPR-1
Effective: **January 1, 2015**
Edition: **January 1, 2015**

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule 1-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive discounts as follows.

The maximum EAPR discount is \$43 per month for customers not on a well rate and \$55 a month for well rate customers. The calculation of the EAPR discount is the sum of the following components, up to the maximum:

1. The difference between the residential System Infrastructure Fixed charge (SIFC) of \$18.00 and the discounted SIFC for EAPR customers of \$7.50.
2. A discount of 44 percent applied to the electricity usage charges calculated at non-EAPR rates.

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet the Energy Assistance Program income guidelines.
 1. The primary function of the site 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.
 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

V. Discount for Nonprofit Organization

Eligible commercial customers will receive discounts as follows:

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The General Service GSN and GSN_T System Infrastructure Fixed Charge will be set at \$11.10 each billing period.
- C. The General Service GSS and GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
Resolution No. 13-xx-xx adopted August __, 2013

Sheet No. 1-EAPR-1
Effective: **January 1, 2016**
Edition: **January 1, 2016**

Residential and General Service Energy Assistance Program Rate Schedule EAPR

I. Applicability

This Rate Schedule 1-EAPR applies to customers receiving service under residential or general service rates who meet specific eligibility requirements.

II. Eligibility for Residential Customers

Eligibility for the Energy Assistance Program (EAPR) is determined by the following:

- A. The total gross household income must conform to the Income Guidelines as specified on the application;
- B. The customer must not be claimed as a dependent on another person's income tax return; and
- C. The service address on the application must be the customer's primary residence.

III. Discount for Residential Customers

Eligible residential customers will receive discounts as follows.

The maximum EAPR discount is \$42 per month for customers not on a well rate and \$54 a month for well rate customers. The calculation of the EAPR discount is the sum of the following components, up to the maximum:

1. The difference between the residential System Infrastructure Fixed charge (SIFC) of \$20.00 and the discounted SIFC for EAPR customers of \$8.50.
2. A discount of 48 percent applied to the electricity usage charges calculated at non-EAPR rates.

IV. Eligibility for Nonprofit Organizations

To be eligible for EAPR the nonprofit organization must meet the following requirements:

- A. The organization's qualifying site takes service directly from SMUD; and
- B. The organization meets the qualifications for a nonprofit public or private organization, as specified on the application; and
- C. The organization operates the qualifying site as residential unit(s) whose residents meet the Energy Assistance Program income guidelines.
 1. The primary function of the site 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.
 2. In support of the primary function that is provided by the nonprofit organization, associated facilities that provide daytime services for the homeless (such as personal hygiene facilities, laundry facilities, kitchen and/or dining facilities, etc.) may also qualify for the discount. At least 75 percent of the facility's square footage must be directly related to meeting these functions.

An energy survey of the residential unit(s) is recommended at the time of being placed on this program and implementation of recommended cost-effective energy efficiency measures is encouraged.

V. Discount for Nonprofit Organization

Eligible commercial customers will receive discounts as follows:

- A. All eligible commercial customers will receive a discount of 15 percent of the Electricity Usage Charge (kWh), Site Infrastructure Charge (kW) and summer super peak demand charge (kW) each billing period.
- B. The General Service GSN and GSN_T System Infrastructure Fixed Charge will be set at \$13.10 each billing period.
- C. The General Service GSS and GSS_T System Infrastructure Fixed Charge will receive a discount of 35 percent each billing period.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
Resolution No. 13-xx-xx adopted August __, 2013

Sheet No. 1-EAPR-1
Effective: **January 1, 2017**
Edition: **January 1, 2017**

Net Energy Metering Rate Schedule NEM

B. Limitations

Application for this schedule is on a first-come, first-served basis, until the total rated generating capacity of customers taking service under this schedule exceeds 5 percent of SMUD's aggregate customer peak demand. Once the total rated generation capacity reaches 5 percent of SMUD's aggregate customer peak demand, this schedule is closed to new customers.

IV. Metering

A. Residential and Small Commercial ≤ 20 kW; Agricultural Customers ≤ 30 kW

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.

B. Large Commercial > 20 kW; Agricultural Customers > 30 kW

SMUD will pay for and install a single meter, or an equivalent means of metering, capable of registering the flow of electricity in both directions. New net-meter customers on GS-TOU1, GS-TOU2 or GS-TOU3 will be required to pay the cost differential between standard metering and bi-directional metering.

V. Payments

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

- A. Charges for other than electricity usage must be paid monthly. This includes the System Infrastructure Fixed Charge, Maximum Demand Charge, Site Infrastructure Charge, program fees, surcharges and taxes.
- B. Residential, Small Commercial and Agricultural customers, meeting the eligibility criteria as defined in Section III (A) of this sheet, may pay monthly or annually for the net electricity consumed.
- C. For all other customers, the net balance of all moneys owed must be paid each monthly billing cycle.
- D. If, in any regular billing month, the electricity supplied by SMUD is less than the electricity supplied to SMUD by the customer's eligible generation system, the customer will receive retail-valued electricity credits for the excess electricity supplied to SMUD. The retail-valued electricity credits will carry over to the following billing period until the end of the settlement period. Retail-valued electricity credits will only be credited against electricity usage charges.

VI. Settlement Method

All customers who qualify for the net metering option will have a 12-month settlement period. For existing systems the settlement period begins on the customer's move-in date. For new installations, the settlement period begins on the first day of operations after the customer has requested to be on the NEM rate and the NEM-eligible system is approved by SMUD for grid connection. At the end of the customer's 12-month settlement period, any unused accumulated monthly retail electricity credits will be zeroed out.

A. Annual Net Surplus Generation

1. At the end of a customer's 12-month settlement period, SMUD shall calculate the amount of net surplus generation over the 12-month period. If the customer has net surplus generation, SMUD will, at the customer's election, either:
 - Provide a monetary payment to the customer for the net surplus; or
 - Roll over the net annual surplus kWh into the next 12-month period.

Monetary value per kWh of net surplus generation shall be based on the most recently published SMUD budget, calculated as the dollar value of the expected avoided generation and production-related costs divided by the forecasted annual energy sales.

2. For each kWh purchased by SMUD under this annual net surplus generation method, the ownership of the associated renewable electricity credit will transfer from the customer to SMUD.
3. The net surplus monetary value shall be calculated annually.

Definitions

Rule and Regulation 1

Applicant

A person, corporation, or agency in whose name service is rendered for a particular account as evidenced by the signature on the application, by contract or by verbal request for service. In the absence of a signed instrument, a customer will be identified by the receipt and payment of bills regularly issued in the name of the person, corporation, or agency, regardless of the identity of the actual user(s) of the service.

Connected Load

The sum of the rated capacities of all of the customer's equipment that can be simultaneously served by electricity supplied by SMUD.

Contract Capacity

A nonvariable maximum kW to be used for customer billing purposes. At SMUD's sole discretion the nonvariable maximum kW may be based on either 1) a customer-tailored rate agreement, or 2) the maximum load a customer can receive based on the following applicable options:

1. Capacity rating of an interconnected, customer-owned generator (Generator Installed Capacity); or
2. Capacity rating of a customer-requested or customer-dedicated transformer (Transformer Installed Capacity); or
3. SMUD sizing of customer-related equipment based on customer's application for service or actual service; or
4. The customer's connected load metered or aggregated at a single point.

Customer

The person, corporation or agency in whose name service is rendered for a particular account as evidenced by the signature on the application, contract or verbal request for service. In the absence of a signed instrument, a customer shall be identified by the receipt of bills regularly issued in the name of the person, corporation or agency or the actual user(s) of the service.

Customer-owned Generation

An electric generator, owned by the customer, interconnected with, and operated in parallel with, SMUD's facilities.

Demand

The delivery of power to the customer at defined point in time and measured in kW.

Energy

The measure of power (kW) over a period of time (hour), referred to as kilowatt-hour or kWh

Generator Installed Capacity

The nameplate rating of a customer-owned generator. For photovoltaic generation facilities, generation capacity is measured using the California Energy Commission Alternating Current (CEC AC) rating. For all other electrical generation facilities, the nameplate Alternating Current (AC) rating will be used to measure generation capacity.

Heat Pump

A unit for space conditioning which is capable of heating by refrigeration and which may or may not include the capability for cooling. Heat pumps may utilize auxiliary resistance heating to the extent required by standard design techniques.

Interval Data

The meter measures and stores the amount of energy delivered to the customer or the customer's energy usage for fixed intervals of time. The meter records the date and time period of each interval as well.

Nonagricultural Irrigation

The irrigations of areas such as highway landscaping and golf courses.

Definitions

Rule and Regulation 1

Peak Demand

The maximum 15-minute delivery of power to the customer during the defined period, measured in kW.

Pole Attachment

Equipment owned by an external party and attached to a SMUD distribution pole that distributes electricity at less than 50 kilovolts. SMUD approval is required and the external party must pay the actual costs incurred by SMUD to facilitate the Pole Attachment plus ongoing attachment fees. If a Pole Attachment draws energy from SMUD, the applicable rate charges and energy rate shall also apply.

Power Factor

The percent of total power delivery (KVA) which does useful work. For billing purposes, power factor is defined as the ratio of active power (KW) to apparent power (KVA). The formula to determine power factor is:

$$\text{Power Factor} = \frac{\text{KW}}{\text{KVA}}$$

where: $\text{KVA}^2 = \text{KVAR}^2 + \text{KW}^2$ KW = maximum monthly billing demand KVAR = maximum monthly billing KVAR demand

Power Theft

Energy Theft – The use or receipt of the direct benefit of all or a portion of electrical service with knowledge of, or reason to believe that, a diversion, tampering, or unauthorized connection existed at the time of the use or that the use or receipt was without the authorization or consent of SMUD.

Diversion – To change the intended course of electricity without the authorization or consent of SMUD.

Tampering – To rearrange, injure, alter, interfere with, or otherwise prevent from performing normal or customary function, any property owned by SMUD for the purpose of providing utility services.

Unauthorized Connection – To make, or cause to be made, any connection or reconnection with property owned or used by SMUD to provide utility service without the authorization or consent of SMUD.

Unauthorized Use – Unauthorized use is defined as the use of electricity in noncompliance with SMUD's normal billing practices or applicable law. It includes, but is not limited to meter tampering, unauthorized connection or reconnection, theft, fraud, and intentional use of electricity whereby SMUD is denied full compensation for electric service provided.

Ratcheted Demand

The highest kW recorded over the past twelve months.

Rate Charges

Charges that may include the following:

System Infrastructure Fixed Charge – That portion of the charge for service which is a fixed amount without regard to connected load, maximum demand, or electricity usage in accordance with the rate.

Site Infrastructure Charge – That portion of the charge which applies to site-related distribution facilities.

Maximum Demand Charge – That portion of the charge which varies with the billing demand in accordance with the rate.

Electricity Usage Charge – That portion of the charge for service which varies with the quantity of electricity consumed in accordance with the rate.

Standby Charge – That portion of the charge for standby service which is a fixed amount based on the maximum load SMUD stands ready to supply in accordance with the rate.

Definitions

Rule and Regulation 1

Rating of Installations

The ratings that are established by the higher of the manufacturer's name-plate rating or actual test, at the option of SMUD.

Reserved Capacity Charge

The charge assessed when a customer operates a combined heat and power facility interconnected to SMUD's system and SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator maintenance service.

Resistance Heating

Any apparatus employing the resistance of conductors to transform electric energy into heat.

Site Infrastructure Charge

A component of SMUD's monthly billing for most commercial customers which is presently based on the twelve months maximum demand. This charge is levied to cover the fixed cost of capacity related facilities such as transmission and distribution facilities.

Subordination

The process by which a creditor is placed in a lower priority for the collection of its debt from its debtor's assets than the priority the creditor previously had.

Super Peak Demand Charge

A component of some of the time-of-use (TOU) rate bills to recover, levied during the summers months of June through September based on super peak hours that are specified in the general service TOU rate schedules.

System Infrastructure Fixed Charge

The monthly flat rate charge that covers a small portion of the shared fixed costs necessary to run SMUD operations, including service drops, transformers, trucks, and the customer call center. All SMUD customers contribute and benefit from the upkeep of these services and resources

Transformer Installed Capacity

The power handling capability of a customer-requested or customer-dedicated transformer with an assumed unity power factor; expressed in kVa.

(End)

Billing, Payment of Bills, and Credit Rule and Regulation 6

I. Billing Period

Customer bills will normally be rendered for scheduled billing periods of approximately one month. For the purposes of prices, a "month" is considered to be a single billing period of 27 to 34 days. Bills for electric service will be based upon 1) electronic meter data, 2) meter readings where the customer has opted-out of smart metering, or 3) estimates as provided in section II. below.

II. Metering for Billing Purposes and Use of Estimated Consumption

Data from two or more meters will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

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 Nondemand Rate (GSN_T) annual electricity usage charges (Rate Category GFN).

Where metering equipment fails or an accurate meter reading is not obtained, SMUD may estimate demand or energy, or both, for the period of service involved and use such estimates in computing a bill, in accordance with Rule and Regulation 17.

III. Use of Contract Capacity for Billing

Where a customer has requested dedicated service, or is utilizing less than 50 percent of equipment sized specifically to meet the customer's load, or requires service of 10 MW or greater, SMUD may, at its sole discretion, ensure cost recovery (or marginal cost recovery for equipment utilization of less than 50 percent) of the distribution facilities capacity by billing the Site Infrastructure Charge based on the applicable Contract Capacity.

IV. Payment of Bills

All customer bills are payable upon presentation to the customer. Payment shall be made at the office of SMUD, at any of the pay stations that SMUD may designate, to any of its duly authorized collectors, by customer initiated electronic means, or by SMUD customer assisted electronic means. Customer bills, with the exception of public entities, that remain unpaid 19 business days from the date of issuance will be regarded as delinquent.

Public entity customer bills that remain unpaid 30 business days from the date of issuance will be regarded as delinquent.

"Public entity" includes Federal agencies, State of California, University of California, California State University, a county, city, district, special district, public authority, public agency and any other political subdivision of the State of California.

V. Payment of Delinquent Bills Required Before Service Is Supplied

Service may be refused or discontinued pursuant to Rule and Regulation 11 until all unpaid charges for electric service to applicant at all locations have been paid or have otherwise been discharged, or have been barred by the statute of limitations, except that residential service may not be refused or discontinued because of nonpayment of bills for other classes of service or nonelectric bill amounts.

VI. Establishment of Credit

A. Residential Customers

Residential credit will be deemed established without benefit of a cash deposit, pursuant to Rule and Regulation 3, until such time as the residential customer fails to maintain credit to SMUD's satisfaction.

B. Commercial Customers

Commercial customers may:

1. Pay a cash deposit; or
2. Furnish a bond satisfactory to SMUD; or

Billing, Payment of Bills, and Credit Rule and Regulation 6

3. Provide evidence of previous commercial utility service in the exact same name with either SMUD or a gas or another electric utility within the last 12 months where credit was established and maintained within SMUD's criteria. If such evidence is not supplied within 10 days of the service start date or if SMUD determines that it is not accurate, SMUD can require a deposit as a condition of further service.

VII. Maintenance of Credit

A customer's credit may be deemed to be no longer maintained to SMUD's satisfaction if such customer has 1) one or more delinquent bill payments during the last 12 months, 2) one or more returned payments in the last 12 months, 3) been disconnected for nonpayment, 4) defaulted on an installment, or 5) an unpaid closed account. Identification information, including social security numbers, of customers with delinquent accounts may be reported to credit reporting agencies as part of the customary collection practice.

A customer receiving service may be required to re-establish credit in the event conditions of service or conditions affecting the customer's credit have materially changed.

VIII. Deposit Required Where Credit Not Established or Maintained

Where a customer or an applicant for service does not satisfactorily establish and maintain credit in accordance with sections VI. and VII. a deposit may be required as security for the payment of bills. SMUD may, in accordance with Rule and Regulation 11, discontinue service if the customer fails to make such deposit as requested by SMUD. The amount of such deposit for residential and commercial customers shall be the greater of 1) twice the highest estimated monthly bill or twice the highest actual customer bill; or 2) twice the average residential class monthly bill for the preceding three years, rounded to the nearest \$10, as determined and set annually by SMUD.

IX. Deposit Retention and Interest

Deposits will normally be held for a minimum of 12 months for residential and nonresidential classes of service. Deposits will be credited to the customer's account at the end of the deposit period, or earlier, at SMUD's option, if the customer has maintained credit to SMUD's satisfaction as outlined in section VII.

For active deposits, interest will be credited to the customer's account annually. The deposit must be active for 180 calendar days before interest is paid. Each February, May, August, and November the interest rate will be recalculated to the nearest full percentage below the average Six-Month U.S. Treasury Bill yield for the previous three months. Interest is prorated based on the interest rate(s) in effect from the effective date of the deposit or from the last interest paid date, whichever is later, to the review date.

Upon termination of service, SMUD will return the deposit and any accrued interest less the amount of any unpaid charges. Interest on deposits will be paid on the date of the return of the deposit or on the date of its application to the customer's account.

X. Dishonored Payments

When checks or electronic funds transfers are received as payment for electric bills, deposits or other charges, and are subsequently dishonored or rejected by the bank, SMUD may require a fee in addition to redemption of the amount of the original check or electronic funds transfer. Dishonored payments and related charges must be redeemed and paid immediately in certified funds or SMUD may thereafter discontinue service in accordance with Rule and Regulation 11 or take other appropriate action as necessary. SMUD reserves the right to determine the form of acceptable payment. SMUD will set the fee for dishonored payments annually based on average costs.

Certified funds to include, but may not be limited to:

- Cash
- Credit card payment authorized by credit card provider
- Cashier's check
- Money order

Billing, Payment of Bills, and Credit Rule and Regulation 6

XI. Late Payment Charge

A one-time late fee of 1.5 percent may be applied to the current amount due portion of a customer's bill if the customer's full payment is not received by the end of the third business day after the due date indicated on the customer bill. The total unpaid balance must be equal to or greater than \$10.00 before a late fee is applied.

XII. Delinquent Accounts

In the event a SMUD representative must make a field call or mail a disconnection notice to effect collection of a delinquent electric service bill, deposit or other charges, the customer may be required to pay a field service charge in addition to the delinquent amount. Service may be discontinued pursuant to Rule and Regulation 11 if this charge is not paid at the time of collection or by the due date of the disconnection notice. Upon restoration of a service disconnected for non-payment, the past due amount, in addition to any other related charges, must be paid in certified funds only. SMUD reserves the right to consider other payment methods as deemed appropriate. SMUD will annually set the charge for field service on delinquent accounts based on average costs.

XIII. Subordination Fee

The cost of subordination will be charged to the property owner for each subordination required in a real estate transaction where SMUD has a recorded UCC-1 filing resulting from a SMUD energy efficiency loan. The subordination fee will be established to recover SMUD's average cost of subordination and may be revised from time to time to reflect changes in subordination costs.

XIV. Customer Service Assisted Payment Fee

A customer service assisted payment is the result of a SMUD representative drafting customer bill payment(s) from a credit card, checking account or savings account. When a customer requests for the payment of any bill owed to SMUD a customer service assisted payment there will be a transaction fee. The transaction fee is based on the average cost of providing such service. Fee schedules are available at the SMUD website, www.smud.org.

(End)

Service to Premises and Use of Energy Rule and Regulation 18

I. General Statement of Rule

SMUD's rates are based upon supplying service in the manner described below. In order to render electric service to all customers at standard rates and under equitable and nondiscriminatory service conditions SMUD will:

1. Meter directly all premises that have separate street or mall entrances and/or exits.
2. Not permit customers to resell electricity that SMUD supplies.
3. Require ready access to all meters and service equipment.

II. Definitions

Premise means all structures, apparatus, or portions thereof occupied or operated by an individual, a family, or a business enterprise, and situated on an integral parcel of land undivided by a public highway, street, or railway.

Resell electricity is the resale of electricity for profit.

Central system is defined as, but not limited to, air conditioning, heating, domestic hot water, compressed air, fire or security alarms, or an energy management system.

III. Exceptions to Requirement That SMUD Serve All Premises Directly

1. A customer may obtain nonresidential service at a single point of delivery for two or more premises operating as a single enterprise, adjacent to each other but separated only by streets, railways, or highways if the customer provides and maintains the necessary electrical facilities between SMUD's point of delivery and the electrical apparatus in accordance with the applicable statutes, ordinances, or regulations of the governmental agencies having jurisdiction thereof, and in such a manner that the convenience of SMUD and the safety of its personnel are not adversely affected.
2. Customers for which master metering was authorized prior to August 1, 1978, may continue to obtain service at a single point of delivery through a single metering installation for two or more single-family dwelling units in the same building or for two or more multifamily dwelling buildings, provided such buildings are adjacent to each other on an integral parcel of land undivided by a public highway, street, or railway. After August 1, 1978, all multifamily residential premises will be metered individually.
3. A building, a portion of a building, a group of buildings, or an automobile trailer camp containing more than one premise will receive service through a single point of delivery if SMUD determines that it is not reasonable or feasible to serve each premise directly.
4. A separate single meter may be used for a building's central system that serves more than one premise. When exceptions as described above are granted, the cost of electric service may be included in the rent.
5. Submetering for nonbilling purposes will be allowed for use in production measurement or budget allocation, with the prior approval of SMUD.

IV. Exceptions to Prohibition on Resale of Electricity

1. Mobile home parks for which submetering was permitted prior to August 1, 1971, and for which electric service is included in the facilities furnished to their tenants, may employ submetering equipment as a means of reselling SMUD electricity by retroactively adjusting rental charges for energy consumption, provided that the portion of such charges allocable to electricity may not exceed the rates SMUD would charge if it served the tenants directly. Specifically, the mobile home park master-meter customer may resell electricity to their submetered tenants provided the following conditions are met:
 - a. The tenants shall not pay more than what SMUD would charge if the tenant is served directly by SMUD.
 - b. The mobile home park shall bill each tenant for electricity use based on the tenant's submeter. The tenant's bill shall be generally in accordance with the form and content of SMUD bills, and include the amount of usage metered for the billing period, include the beginning and ending meter readings, and the amount of the bill.
 - c. Discounts for low income and medical equipment shall be passed through to the qualifying tenant; net metering discounts under Rate Schedule 1-NEM shall be passed through to tenants.

Service to Premises and Use of Energy Rule and Regulation 18

- d. The mobile home park shall post SMUD's applicable rate schedule(s) in a conspicuous place on the mobile home park's premise.
2. Electric utilities and governmental agencies may submeter and resell electricity supplied to them by SMUD.

V. Enforcement

SMUD reserves the right to verify any submetering program, associated records and submetering bills for the purposes of determining compliance with SMUD's Rates, Rules and Regulations.

Customers who are receiving service in conflict with this rule and who fail to bring themselves into conformity within a reasonable time after receiving written notice from SMUD shall have their service discontinued.

(End)

Renewable Energy Bill Credit Rate Schedule RBC

I. Applicability

This Rate Schedule applies to residential master-metered customers who have an electrical generation facility on their premise that is fueled by a renewable fuel source. A renewable electrical generation facility is a facility that is eligible for certification as a renewable energy resource as defined by the California Energy Resources Conservation and Development Commission (CEC).¹ These facilities include, but may not be limited to, generators fueled by:

- photovoltaic
- wind
- biomass
- solar thermal
- geothermal
- fuel cells using renewable fuels
- small hydroelectric
- digester gas
- municipal solid waste conversion
- landfill gas
- ocean wave
- ocean thermal
- tidal current

Small hydroelectric generation facilities will not qualify for this Rate Schedule if the facility will cause an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow. Fuel cells will not qualify for this Rate Schedule if the fuel cell derives any portion of its fuel from a nonrenewable fuel.

II. Conditions of Service

A. General Eligibility Requirements

The following are requirements for eligibility under this Rate Schedule:

1. The generation facility must be located entirely on the customer's premise; and
2. The generation facility must operate in parallel with SMUD's distribution facilities at the secondary voltage level; and
3. The customer must meet all requirements of Rule and Regulation 21; and
4. The generation facility's kilowatt hour generating capacity shall not exceed the electrical load's average maximum demand for the prior twelve (12) month period at the time of interconnection; and
5. The generation facility is located at a distinct single metering point separate from the electrical load; and
6. Both the electrical load and the generation facility are on the same distribution feeder; and
7. The generating capacity does not exceed a maximum of 1,000 kilowatts.

For photovoltaic generation facilities, generation capacity is measured using the California Energy Commission Alternating Current (CEC-AC) rating. For all other renewable electrical generation facilities, the nameplate Alternating Current (AC) rating will be used to measure generation capacity. This paragraph defining the measurement of capacity only pertains to the applicability of this rate schedule and may differ from any measurement of capacity used in Rule and Regulation 21.

B. Qualifying Accounts and Customer-of-Record Requirements

Any customer taking service under this Rate Schedule must have a generation meter to establish a generator account and an electrical load meter to establish a benefiting account.

Both accounts must be the same customer-of-record.

¹. See the CEC's most current Renewable Portfolio Standard Eligibility Guidebook for the purposes of providing the technical definitions of a renewable electrical generation facility.

Renewable Energy Bill Credit Rate Schedule RBC

C. Generator Account

A generator account is the account that consists of a renewable electrical generation facility interconnected with SMUD behind a revenue grade meter. The generator account must not service any load other than what is necessary for the operation of the renewable electrical generation facility.

Any load used by the generation facility will apply to offset any generation produced by the generation facility. In the event there is an insufficient amount of load used by the generation facility to be offset by the generation, SMUD reserves the right to bill for the electricity used.

D. Benefiting Account

A benefiting account is an account that is interconnected with and takes service from SMUD behind a meter. A benefiting account cannot benefit from more than one generator account.

III. Renewable Energy

Electricity provided from the generator account to SMUD shall be priced at the applicable Feed-In Tariff price in accordance with the methodology set forth in the Feed-In Tariff for Distributed Generation Rate Schedule (FIT). The price will be posted on the SMUD website.

This price will not change in the event of changes in the customer-of-record on the account, the ownership of the generation facility, and/or ownership of the property. To take service under this Rate Schedule, the owner of the generation facility shall execute a contract with SMUD. The contract shall be offered for durations of either ten (10) or fifteen (15) years at the option of the customer. The customer must transfer all renewable energy attributes to SMUD associated with this generation facility during the term of the contract.

IV. Crediting of Renewable Energy

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days. Both the generation account and benefiting account will be placed on the same billing period.

- A. All charges of the generator account and the benefiting account must be paid monthly. This includes, without limitation, the System Infrastructure Fixed Charge, Electricity Usage charges, Maximum Demand Charge, Summer Super Peak Demand Charge, Site Infrastructure Charge, program fees, surcharges and taxes.
- B. All of the electricity output from the generation facility will post on the benefiting account's bill as a renewable energy bill credit.
- C. Under no circumstances will the renewable energy bill credits exceed the amount of electricity usages charges billed within a month.

V. Metering

A. Metering Requirement for the Generator Account

The generator account must be metered using a revenue-grade interval meter capable of measuring the renewable electrical generation facility's output in fifteen minute increments or smaller. The customer is responsible for all costs for the provisioning and installation of the meter.

In the event the generator account is found to have load that is not solely related to the renewable electrical generation facility, SMUD reserves the right to require the customer to install a bi-directional SMUD meter and a generation output meter. The customer will be responsible for installing a meter socket for the generation output meter and provide SMUD unrestricted access to both the bi-directional meter and the generation output meter. The customer is responsible for reimbursing SMUD for all expenses associated with this metering requirement.

B. Telemetry Requirement for the Generator Account

Customers operating under this schedule may, at SMUD's sole discretion, be required to pay for the installation of telemetry if telemetry is determined necessary as part of the interconnection review.

Renewable Energy Bill Credit Rate Schedule RBC

C. Metering Requirement for the Benefiting Account

The benefiting account must be metered in accordance with the applicable rate that would otherwise apply as if the benefiting account was not taking service under this Rate Schedule.

VI. Special Billing Conditions

A. Generator Account Subject to Charges

The generator account is subject to charges each billing period such as, but not limited to, Electricity Usage Charges, a System Infrastructure Fixed Charge, Maximum Demand Charges, Summer Super Peak Demand Charges, and Site Infrastructure Charges, program fees, surcharges and taxes as identified in the generator account's applicable Rate Schedule.

B. Benefiting Account and Rate Treatment

Each benefiting account will remain on the otherwise applicable Rate Schedule for residential master-metered service.

C. Ineligible Rate Options

Customers taking service on this Rate Schedule are not eligible to take service on Rate Schedule Net Energy Metering (NEM).

(End)

Monthly EAPR Discount Comparison Current vs. 2017*

Current 2013 EAPR Discount		Proposed EAPR Discount in 2017	
Fixed Charge Discount	-\$7.50	Fixed Charge Discount	-\$11.50
Energy Discount		Energy Discount	
Base Usage	35.0%	All kWh up to cap	48.0%
Next 600 kWh	30.0%		
Maximum Energy Cap	Base Usage + 600 kWh	Total Discount Cap	\$42.00

*Customers with domestic wells will receive an additional \$12 per month discount cap.

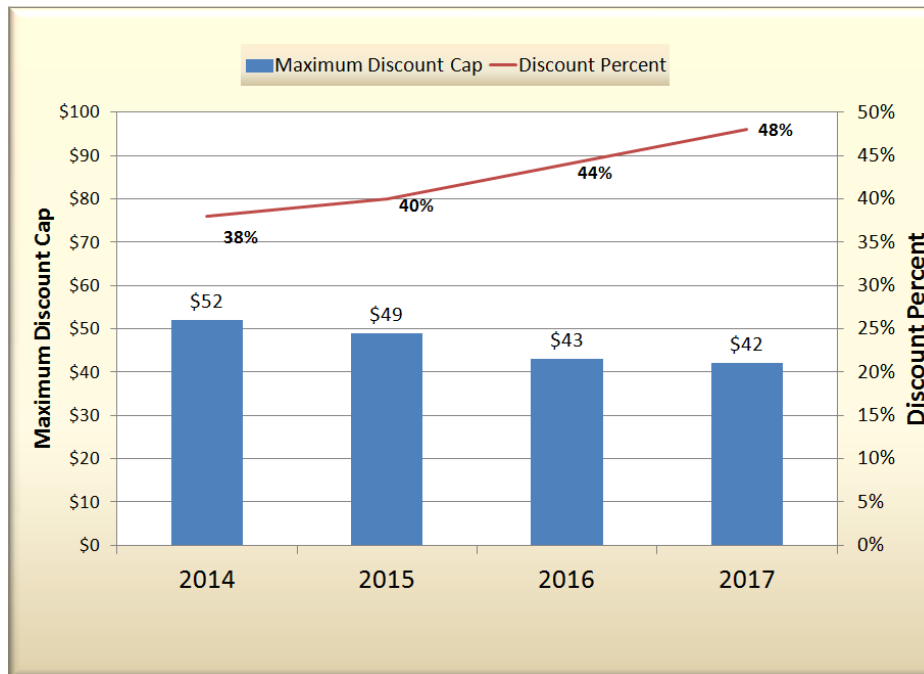
Revenue Impact

The new discount and cap approach to EAPR will keep the overall SMUD budget for the low-income rate program constant.

Bill Impacts

As the Base Usage prices increase each year due to Tier Convergence, the proposed discount will also increase to counter its impact. This approach will front-load the discount, shifting more of the discount dollars to smaller energy users, while lowering the discount maximum for large energy users. The following chart illustrates this relationship for the four-year transition period.

Figure 15 Proposed EAPR Discount and Cap



The net effect can be viewed in the following figure, which shows EAPR customers on the proposed discount and cap compared to the same customers on the original EAPR discount. The impact is essentially zero for half of EAPR customers — those using 600 kWh or less each month. The next 35 percent to 40 percent of EAPR customers will