Board of Directors Meeting Agenda

Date: July 17, 2025

Time: 6:00 p.m.

Location: SMUD Headquarters Building, Auditorium
6201 S Street, Sacramento, California

Powering forward. Together.

SMUD™

•*AMENDED AGENDA*

•***Remote Telephonic Location added.***

SACRAMENTO MUNICIPAL UTILITY DISTRICT
BOARD OF DIRECTORS MEETING
SMUD HEADQUARTERS BUILDING
AUDITORIUM – 6201 S STREET
SACRAMENTO, CALIFORNIA

- ***Remote Telephonic Location:***
2799 Richmond Highway
Arlington, VA 22202

July 17, 2025 – 6:00 p.m.

Virtual Viewing or Attendance:
Live video streams (view-only) and indexed archives of meetings are available at: https://www.smud.org/Corporate/About-us/Company-Information/Board-Meetings/Watch-or-Listen-online

Zoom Webinar Link: Join SMUD Board of Directors Meeting Here
Webinar/Meeting ID: 161 540 2034
Passcode: 524490
Phone Dial-in Number: 1-669-254-5252 or 1-833-568-8864 (Toll Free)

Verbal Public Comment:
Members of the public may provide verbal public comment by:

- Completing a sign-up form at the table outside of the meeting room and giving it to SMUD Security.
- Using the "Raise Hand" feature in Zoom (or pressing *9 while dialed into the telephone/toll-free number) during the meeting at the time public comment is called. Microphones will be enabled for virtual or telephonic attendees when the commenter's name is announced.

Written Public Comment:
Members of the public may provide written public comment on a specific agenda item or on items not on the agenda (general public comment) by submitting comments via email to PublicComment@smud.org or by mailing or bringing physical copies to the meeting. Email is not monitored during the meeting. Comments will not be read into the record but will be provided to the Board and placed into the record of the meeting if received within two hours after the meeting ends.

Call to Order.
a. Roll Call.

1. Approval of the Agenda.

Comments from the public are welcome when these agenda items are called.

Consent Calendar:

2. Approve Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of June 16, 2025, through June 30, 2025.

3. Approve Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 25-04-02) for the period of July 1, 2025, through July 15, 2025.

4. Approval of the minutes of the meeting of June 19, 2025.

* * * * * * *

Discussion Calendar:

5. Approve the appointment of Laurie Rodriguez as a Retired Annuitant without applying the 180-day waiting period. **(Jose Bodipo-Memba)**

   Presenter: Matthew Powell

* * * * * * *

Informational Item:

6. Provide the Board with the financial results from the five-month period ended May 31, 2025, and a summary of SMUD's current Power Supply Costs. **(Scott Martin)**

   Presenter: Lisa Limcaco

* * * * * * *

Public Comment:

7. Items not on the agenda.

Board and CEO Reports:

8. Directors' Reports.

9. President's Report.

10. CEO's Report.
    a. Board Video

Summary of Board Direction

* * * * * * *

Board Committee Meetings and Special Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

August 13, 2025	Strategic Development Committee and Special SMUD Board of Directors Meeting	Auditorium*	6:00 p.m.
August 14, 2025	Policy Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.
August 19, 2025	Finance and Audit Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.
August 20, 2025	Energy Resources & Customer Services Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.

* * * * * * *

Regular Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

August 21, 2025	Auditorium*	6:00 p.m.

The Auditorium is located in the lobby of the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

Members of the public shall have up to three (3) minutes to provide public comment on items on the agenda or items not on the agenda, but within the jurisdiction of SMUD. The total time allotted to any individual speaker shall not exceed nine (9) minutes.

Members of the public wishing to inspect public documents related to agenda items may click on the Information Packet link for this meeting on the smud.org website or may call 1-916-732-7143 to arrange for inspection of the documents at the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

ADA Accessibility Procedures: Upon request, SMUD will generally provide appropriate aids and services leading to effective communication for qualified persons with disabilities so that they can participate equally in this meeting. If you need a reasonable auxiliary aid or service for effective communication to participate, please email Toni.Stelling@smud.org, or contact by phone at 1-916-732-7143, no later than 48 hours before this meeting.

2

DRAFT

RESOLUTION NO. _____

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

That this Board hereby approves Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of June 16, 2025, through June 30, 2025.

3

DRAFT

RESOLUTION NO. _____

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

That this Board hereby approves Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 25-04-02) for the period of July 1, 2025, through July 15, 2025.

DRAFT

Sacramento, California

June 19, 2025

The Board of Directors of the Sacramento Municipal Utility District met in regular session simultaneously in the Auditorium of the SMUD Headquarters Building at 6201 S Street, Sacramento, and via virtual meeting (online) at 6:00 p.m.

Roll Call:

Presiding: President Fishman

Present: Directors Rose, Bui-Thompson, Herber, Kerth, Tamayo, and Sanborn

Present also were Paul Lau, Chief Executive Officer and General Manager; Laura Lewis, Chief Legal & Government Affairs Officer and General Counsel and Secretary, other members of SMUD's executive management; and SMUD employees and visitors.

Director Herber shared the 2030 Climate Action Tip.

President Fishman called for approval of the agenda. Vice President Tamayo moved for approval of the agenda, Director Sanborn seconded, and the agenda was unanimously approved.

Director Bui-Thompson, Chair, presented the report for the Strategic Development Committee meeting held on June 10, 2025.

Director Sanborn, Chair, presented the report for the Policy Committee meeting held on June 11, 2025.

Director Kerth, Chair, presented the report for the Finance & Audit Committee meeting held on June 17, 2025.

President Fishman then called for public comment for items on the agenda, but none was forthcoming.

President Fishman then addressed the Consent Calendar consisting of Items 3 through 17. Director Herber moved for approval of the Consent Calendar, Director Kerth seconded, and Resolution Nos. 25-06-02 through 25-06-14 were unanimously approved.

RESOLUTION NO. 25-06-02

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

That this Board hereby approves revised Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of April 16, 2025, through May 15, 2025.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

RESOLUTION NO. 25-06-03

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

That this Board hereby approves Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of May 16, 2025, through June 15, 2025.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

RESOLUTION NO. 25-06-04

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

This Board accepts the monitoring report for **Strategic Direction SD-4, Reliability**, substantially in the form set forth in **Attachment A** hereto and made a part hereof.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

Attachment A
to Resolution No. 25-06-04

SACRAMENTO MUNICIPAL UTILITY DISTRICT

OFFICE MEMORANDUM

TO: Board of Directors **DATE:** May 27, 2025

FROM: Claire Rogers *CR 5/27/25*

SUBJECT: **Audit Report No. 28007865**
Board Monitoring Report; SD-04: Reliability

Internal Audit Services (IAS) received the SD-04 *Reliability* 2024 Annual Board Monitoring Report and performed the following:

- Selected a sample of statements and assertions in the report for review.
- Compared sample to the corresponding supporting documentation to identify potential discrepancies.

All items sampled within the SD Report aligns with the supporting documentation provided at the time of review.

CC:

Paul Lau

Board Monitoring Report 2024
SD-4 Reliability

1) Background

Strategic Direction SD-4 Reliability states that:

Meeting customer energy requirements is a core value of SMUD.

Therefore:

a) SMUD will assure all customer energy requirements are met. This will be accomplished through the use of: (i) its generation resources and purchase power portfolio 100 percent of the time; and (ii) its transmission assets to assure an overall availability of at least 99.99 percent.

b) SMUD will achieve distribution system reliability by:

Limiting the average frequency of outage per customer per year to:

With major event: 0.99 – 1.33
Excluding major event: 0.85 – 1.14

Limiting the average duration of outages per customer per year to:

With major event: 67.5 – 93.3 minutes
Excluding major event: 49.7 – 68.7 minutes

Ensuring that no individual circuits exceed these targets for more than two consecutive years. For circuits that exceed these targets for two consecutive years, a remedial action plan will be issued and completed within eighteen months.

c) SMUD will maintain the electric system in good repair and make the necessary upgrades to maintain load serving capability and meet regulatory standards.

2) Executive summary

Improving reliability is essential to meeting customer energy requirements and drives customer loyalty.

SMUD was in compliance for both generation and transmission availability. SMUD met all energy supply requirements 100% of the time through its generation resources and purchased power. At a peak load of 3,169 megawatts (MW) (which occurred on

July 11), 50% of the generation was provided by internal resources and 50% was provided by purchased power. The transmission availability was at 100% for the year.

SMUD was in compliance for both SAIDI and SAIFI (excluding major events). Reliability targets including major events were exceeded for both SAIDI (228.0 minutes) as well as SAIFI (1.43). The 2024 distribution system reliability performance is summarized in Table 1 below.

Table 1: 2024 Distribution System Reliability Performance

	Including Major Events		Excluding Major Events	
	SD-4 Limit	**2024 Results**	**SD-4 Limit**	**2024 Results**
SAIFI	1.33	1.43	1.14	0.75
SAIDI (minutes)	93.3	228.0	68.7	44.4

Major events are defined as events caused by earthquake, fire, or storms of sufficient intensity which result in a state of emergency being declared by the government. Absent the declaration of a state of emergency, any other natural disaster may be excluded only if it affects more than 15% of the system facilities or 10% of the customers, whichever is less.

Out of the total distribution circuits, 98.7 %, or 773 circuits, met the Board's reliability standards. Twenty-five projects aimed at improving reliability—encompassing cable replacement, avian mitigation, equipment repairs, tree-trimming and other tasks—were initiated, with thirteen already finished and twelve projects are in progress.

3) **Additional supporting information**

Generation

Hydro Generation Facilities

The availability rate for SMUD's hydro generation system in 2024 was 95.9% and for the June 1st through September 30th peak period, hydro generation availability was 99.9%. SMUD's Upper American River Project (UARP) hydro system generated 1,309 GWh. The budgeted generation was 1,581 GWh.

Gas Pipeline Operations

SMUD's gas pipeline had a 100% availability rating in 2024 and provided a constant flow of gas to SMUD's thermal generation facilities. All necessary maintenance activities were successfully completed in accordance with our operations and maintenance plans and procedures.

Thermal Generation Facilities

The overall availability rate for SMUD's thermal generation facilities in 2024 was 85.1% and for the June 1st through September 30th peak period, thermal plant availability was 97.7%. SMUD's thermal generation facilities generated a net total of 5,409 GWh against the budgeted generation of 6,322 GWh.

Transmission and Distribution

SMUD has approximately 488 miles of transmission lines and 10,988 miles of distribution lines including 69 kilovolt (kV). Approximately 36% of the distribution lines are installed overhead and 64% are installed underground. The transmission system is predominately overhead except for 19 miles of underground lines located in the Carmichael and downtown areas.

Staff monitors circuit reliability regularly to assess circuits that could potentially exceed the reliability limits. Outage causes, trends, and reliability impacts are analyzed to identify corrective actions that will bring the reliability of these circuits within the acceptable range.

4) **Challenges**

The Sacramento region was once again devastated by catastrophic atmospheric river storms in February of 2024. The most impactful of these storms caused significant damage to the grid, affecting approximately 453,000 customers, a SAIDI contribution of 183.6 minutes, and a SAIFI contribution of 0.69 on February 4th and February 5th combined. During these two days, the grid experienced 65 mile per hour (mph) wind gusts, with 48 mph sustained winds, coupled with almost two inches of rain. With the ground saturated by heavy rains combined with high winds, numerous trees fell onto SMUD's overhead lines. These types of tree related outages take longer to resolve since the trees must be removed from the tangled powerlines prior to the start of rebuilding the lines.

Drivers for Reliability Performance

The main drivers for the distribution system performance excluding major events, along with the mitigation measures for each, are summarized below.

Equipment Failures

Equipment failures are associated with a wide variety of distribution line components, such as fuses, poles, wire hardware, broken connectors, broken jumpers, failed transformers, broken cutouts and more. Outages due to failed equipment continue to be evaluated to locate and address any systemic deficiencies.

Failed equipment was the leading cause of outages in 2024. When compared to 2023, outages due to equipment failures decreased by 5%, SAIDI minutes decreased by 4% and SAIFI increased by 43%. This increase in SAIFI was caused primarily by the number of customers experiencing equipment-related outages at the 69 kV level. In 2023 18,254 customers were affected by seven 69 kV equipment related outages while in 2024 59,743 customers were affected by eight 69 kV equipment related outages.

Multiple inspection and maintenance programs are in place to identify and correct deficiencies before they result in failure. We have annual line patrols to detect obvious deficiencies. In addition, we perform detailed line inspections (DLI) every five years. During a DLI, the inspector examines every attachment on the pole and documents deficiencies found. The deficiencies are prioritized and repaired based upon pre-determined schedules.

Underground Cable Failures

In 2024, underground cable failures were the second highest contributor to the number of outage events. The number of outages caused by cable failures rose by 8 % compared to 2023. Additionally, SAIDI and SAIFI values increased by 10% and 20%, respectively.

In 2024, SMUD injected a 69kV line at a fraction of replacement cost, which is expected to postpone the need for replacement of this line for many years and would have a significant improvement to SAIDI/SAIFI.

Vehicle Accidents

Another leading driver impacting reliability in 2024 was vehicle accidents. Although the number of outages due to vehicle accidents increased by 18% compared to 2023, SAIDI and SAIFI values decreased by 24% and 45% respectively. The decrease in SAIDI and SAIFI while outage incidents increased was caused primarily by the reduction in 69 kV vehicle accidents in 2024 when compared to 2023, impacting 58,050 fewer customers than the prior year.

Visibility strips were installed on numerous poles as part of the Vehicle vs Asset program in 2024. Staff continues to monitor and analyze vehicle related outages for remediation as part of the Vehicle vs Asset program.

5) **Recommendation**

It is recommended that the Board accept the Monitoring Report for SD-4 Reliability.

6) **Appendices**

Appendix 1: Generation Supplementary Information

Hydro Generation Facilities

Major hydro generation maintenance and construction activities include:

- Union Valley T2 Transformer Replacement
- Union Valley 69kV Switchyard Upgrade
- Camino T1 Temporary Transformer Replacement
- Robb's Peak Penstock Cable Replacement
- Loon Lake 69kV Cable Assessment
- South Fork Controls Upgrade
- Brush Creek 480V Switchgear Upgrade
- Hydromet System Upgrade
- Robb's Peak Crane Controls Upgrade
- Robb's Peak Switchgear and Unit Breaker Upgrade

Gas Pipeline Operations (GPO)

Capital improvements and major maintenance activities include:

- Implemented Quantitative Risk Analysis model for Pipeline Integrity Management
- Performed scheduled 6-year In-line Inspection of all three pipeline segments
- 800C zinc ribbon rehabilitation and potential gradient mats
- Cambells station piping condition assessment
- Carson Blowdown relocation project
- Four ILI anomaly verification digs along UPRR r/w on 800C
- Franklin pipe anomaly cut-out on 800C
- Wireless gateway upgrades at several stations
- AC Mitigation at CPP and MLV-8

Thermal Generation Facilities

Major thermal generation maintenance and construction activities completed include:

Procter & Gamble Power Plant

- Combustion Turbine 1A - Engine Major Overhaul
- Circ Water Pump 1A Overhaul
- GSU Online Monitoring
- Steam Turbine Major Inspection
- CEMS System Upgrade PLCs
- Condensate Pump Replacement
- Peaker Control System Battery replacement
- Gas Compressor Isolation Valves

- Peaker Exciter Upgrade
- Thermal End of life Engineering Study

Campbell Power Plant

- 5-year NFPA emergency fire tank inspection
- 450 feet of blowdown piping and 8 valves replaced
- Anion resin cleaned (demineralization system)
- Thermal End of life Engineering Study

Consumnes Power Plant

- CPP ST Generator Minor Inspection
- CPP HRSG Penetration Seal Upgrades
- CPP HRSG Sump Pumps
- HRSG Hot Reheat Isolation Valve Overhauls
- CPP GSU Monitoring
- SFA DCS Controls
- SFA CT Rotor LTEs (CT3, CT2 with spare)

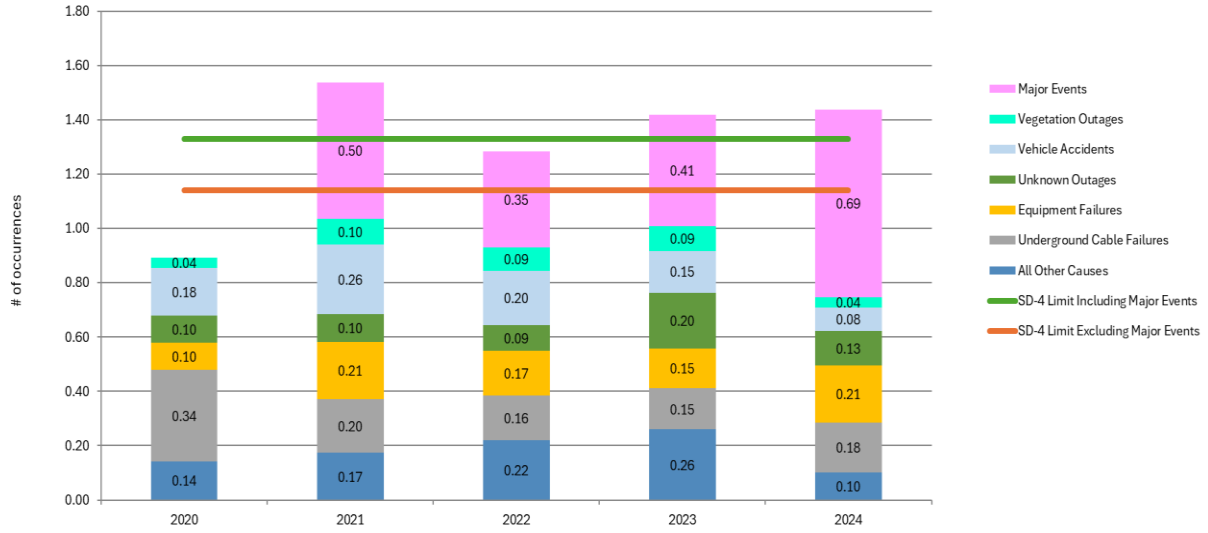
Carson Power Plant

- Circ Water Pump Overhaul Pump B
- Cooling Tower Fill Replacement
- GSU Online Monitoring
- Feed Water Pump Overhaul - Pump A
- CTG1 HMI Replacement
- CTG1 And CTG2 O2 Analyzer Upgrade
- Chiller X631 Condenser Retube (1100 ton)
- Chiller X630 Condenser Retube (1300 ton)
- Steam Turbine Failure Repair
- Steam Turbine Generator Protection Upgrade
- Thermal End of life Engineering Study

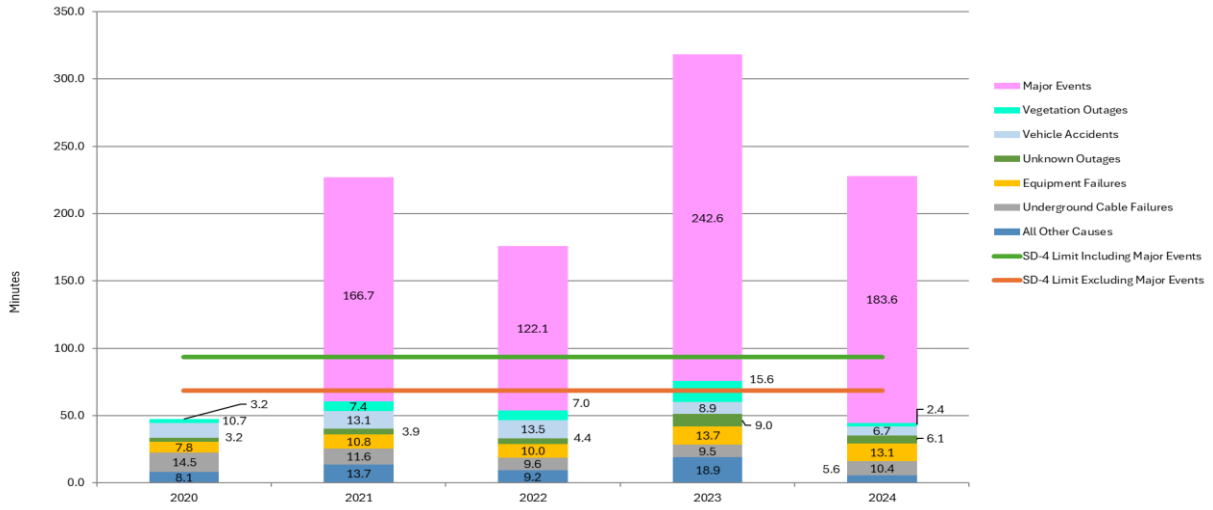
Appendix 2: Graphs

The graphs below provide a five-year comparison of the impacts of outage causes to the average frequency (SAIFI) and duration (SAIDI) of outages.

Graph 1: Multi-Year Comparison
System Average Frequency Index (SAIFI)



Graph 2: Multi-Year Comparison
System Average Duration Index (SAIDI)



RESOLUTION NO. 25-06-05

WHEREAS, Senate Bill 901 (2018) and Assembly Bill 1054 (2019) revised the California Public Utilities Code section 8387 (PUC § 8387) to require that before January 1, 2020, and annually thereafter, every publicly owned electric utility (POU) prepare a **Wildfire Mitigation Plan (WMP)**, present it in a noticed public meeting, and accept comments; and

WHEREAS, PUC § 8387 also requires that each POU update its plan annually and submit the update to the **California Wildfire Safety Advisory Board (WSAB)** by July 1 of each year; and

WHEREAS, PUC § 8387 also requires that at least once every three years, the plan submitted to the **WSAB** shall be a comprehensive revision of the plan; and

WHEREAS, PUC § 8387 states that the POU shall contract with a qualified independent evaluator experienced in assessing the safe operation of electrical infrastructure to review and assess the comprehensiveness of the POU's **WMP**, who shall issue a report that shall be made available on the POU's website and presented at a public meeting of the POU's Board; and

WHEREAS, by Resolution No. 23-06-05, adopted on June 15, 2023, following opportunity for public input and presentation of the qualified independent evaluator's report, this Board adopted SMUD's 2023-2025 **WMP** and authorized the Chief Executive Officer and General Manager to make future changes to SMUD's 2023-2025 **WMP** that further the primary purpose of SMUD's 2023-2025 **WMP** and provide a net benefit to SMUD; and

WHEREAS, by Resolution No. 24-05-06, adopted on May 16, 2024, following opportunity for public input, this Board adopted the **2024 Update** to SMUD's 2023-2025 **WMP** and authorized the Chief Executive Officer and General Manager to make future changes to SMUD's 2023-2025 **WMP** that further the primary purpose of SMUD's 2023-2025 **WMP** and provide a net benefit to SMUD; and

WHEREAS, in accordance with PUC § 8387, staff completed the draft **2025 Update** of SMUD's 2023-2025 **WMP (2025 Update)**, conducted public outreach to solicit comments on the draft **2025 Update**; and

WHEREAS, the draft **2025 Update** was posted on smud.org/wildfiresafety and made available for public review and comment for over 30 days ending June 6, 2025; and

WHEREAS, SMUD received no public comment on the draft **2025 Update**; and

WHEREAS, the draft **2025 Update** was presented to the SMUD Board of Directors Policy Committee at a duly noticed public meeting on June 11, 2025, at which meeting opportunity for public comment was provided; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. This Board adopts the **2025 Update** to SMUD's 2023-2025 **Wildfire Mitigation Plan (WMP)** substantially in the form set forth in **Attachment B** hereto and made a part hereof.

Section 2. The Chief Executive Officer and General Manager, or his designee, is authorized to make future changes to SMUD's 2023-2025 **WMP** that, in his prudent judgment: (a) further the primary purpose of SMUD's 2023-2025 **WMP**; and (b) are intended to provide a net benefit to SMUD.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

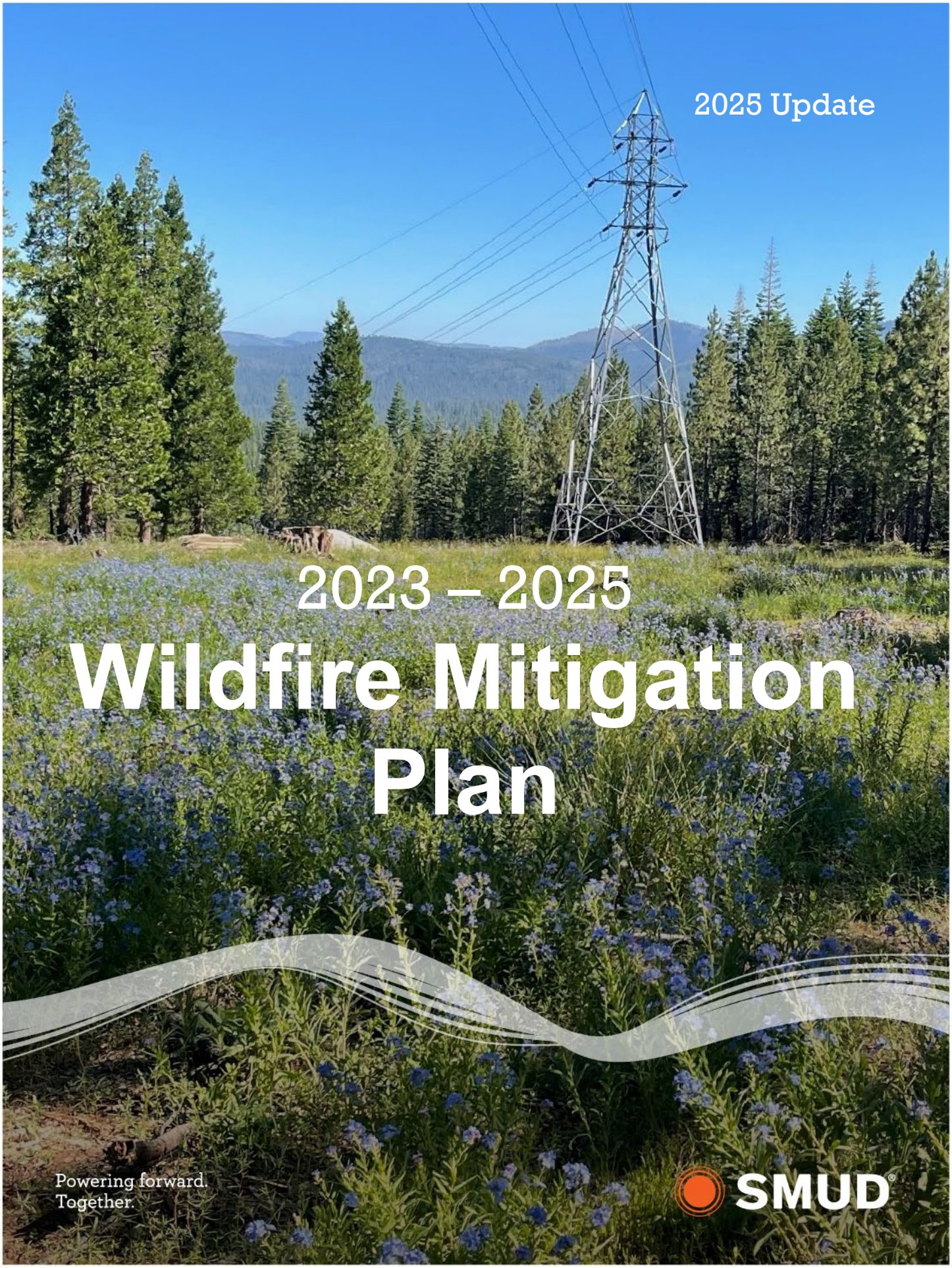

2025 Update
2023 – 2025
Wildfire Mitigation Plan
Powering forward.
Together.
SMUD®

Table of Contents

1. 2025 UPDATE EXECUTIVE SUMMARY 3

1.1 Document Introduction 5

2. INTRODUCTION 5

2.5 Accountability of the plan 5

4. RISK ANALYSIS AND RISK DRIVERS 7

4.6 Risk reduction efforts under the WMP 7

5. SMUD ASSETS FIRE THREAT OVERVIEW 7

5.2 Fire threat assessment in SMUD service area 7
5.4 CAL FIRE – Fire Resource and Assessment Program (FRAP) 9

6. WILDFIRE PREVENTION STRATEGY AND PROGRAM 9

6.2 Transmission grid operational practices 10
6.6 Enhancement and mitigation projects 11
6.7 Pilot projects 13

7. RESPONSE GUIDELINES 14

7.2 Public and agency communications for a potential wildfire 14

APPENDIX 16

1. 2025 Update Executive Summary

SMUD adopted a three-year Wildfire Mitigation Plan (WMP) in 2023. This 2023-2025 WMP was a comprehensive update of SMUD's WMP and included a risk assessment, analysis on the impact of climate change, descriptions of prevention and mitigation initiatives, discussion of project updates and outcomes, and metrics to evaluate the WMP performance. This 2025 update to the 2023-2025 WMP outlines progress made on several multi-year projects and provides other minor updates to reported initiatives.

The recent catastrophic wildfires in Southern California have underscored the importance of wildfire mitigation planning. While the cause of the fires hasn't yet been determined, SMUD has reviewed its WMP and assessed its wildfire prevention strategies with these recent events in mind. SMUD's geography, weather patterns and fuel types form a different and reduced risk profile from Southern California. SMUD continues to assess potential wildfire risk factors, and to maintain policies and implement strategies addressing those risks.

Projects. SMUD has completed two projects, which include the UARP 4kV UG conversion project in 2022 and replacement of #6 copper conductors in the PCA in 2023. The Aerial LIDAR, ortho and oblique imagery work is continuing to provide benefit. The installation of non-expulsion devices in PCA and the UARP fuels reduction project are both expected to be completed in 2025. Additionally, the installation of SCADA reclosers in the PCA is projected for completion in 2027.

SMUD is pro-actively continuing to research new technologies and plans to start an additional pilot project in 2025, which involves installing pole-mounted sensors on SMUDs poles and towers to enhance grid reliability and support wildfire mitigation. The sensors provide near real-time monitoring by detecting faults, voltage fluctuations, and hazardous conditions, with a three-year pilot monitoring period. The project will start in 2025 with target completion in 2028.

SMUD also continues to improve its awareness of fire risk factors. In 2024 Cal Fire and the California Office of Emergency Services stood up the Wildfire Forecast & Threat Intelligence Integration Center (WFTIIC)[1] to serve as California's integrated central organizing hub for wildfire forecasting, weather information, threat intelligence gathering, analysis and dissemination. WFTIIC also coordinates wildfire threat intelligence and data sharing among federal, state, local agencies, tribal governments, utilities, other service providers, academic institutions and nongovernmental organizations. SMUD acts as the publicly owned utility representative on the WFTIIC.

The various programs and projects described in the 2023-2025 WMP, as updated in 2024 and further for 2025, continue to provide a comprehensive and innovative approach to minimizing SMUD's wildfire risk.

Metrics. SMUD has established metrics, identified in Section 9 of the WMP, to measure the performance of its WMP. Initial data indicates SMUD's WMP is performing as intended. SMUD is on track to complete collecting a full five years of data on these metrics during calendar year 2025. SMUD will assess the data, identify any trends, and utilize the data to develop benchmarks and updates as part of its next comprehensive WMP revision in 2026.

Risk management. SMUD continuously assesses risk to the organization through an Enterprise Risk Management framework. Governance for Wildfire Mitigation Planning is provided through three oversight committees. First, Senior Leaders with management responsibilities for wildfire mitigation met as needed in the Wildfire Steering Committee. Second, the Risk Champion Network, made up of a cross-section of Directors meet quarterly to reassess all of the enterprise risks for emerging issues. Third, executive leadership meets quarterly in the Enterprise Risk Oversight Committee. Enterprise Risk Management has evaluated SMUD's risk environment and determined that several mitigations have been completed to mitigate and reduce the inherently high risk posed by potential wildfires.

In addition to SMUD's robust inspection and maintenance programs, the bulk of SMUD's efforts continue to be reducing fuel around our facilities to reduce ignition risk both of tree and ladder fuel inside and outside SMUD's easements and in some places 200' outside the easement to further improve forest health. The late winter season allowed vegetation contractors to continue working in our highest fire risk Upper American River Project (UARP) area late into the fall of 2024, enabling us to complete all planned work in 2024.

Northern CA has continued to benefit from atmospheric rivers and snowpacks that have delivered above average rain and water totals in 2024. The late wet winter/spring resulted in a shortened and mild wildfire season for Northern CA in 2024. The outlook for wildland fire potential in Northern California looks similar for 2025[2].

SMUD is currently assessing the impacts of climate change through a vulnerability climate adaption study and will incorporate the results into planning of its 2026 Wildfire Mitigation Plan revision.

[1] https://hub.wftiic.ca.gov/

[2] https://www.nifc.gov/nicc-files/predictive/outlooks/monthly_seasonal_outlook.pdf. Accessed March 5th, 2025. (The link will open the most current month. To view historical data, use this link to access the archived monthly reports: https://www.nifc.gov/nicc/predictive-services/outlooks)

1.1 Document Introduction

The numbered sections in this 2025 WMP update are intended to replace the respective numbered sections within the 2023 – 2025 WMP published in July 2023, as updated by the 2024 Update published in July 2024. The table below highlights the changes in the 2025 update to the 2023-2025 Wildfire Mitigation Plan.

Table of Changes 2025 Update to 2023-2025 WMP

Section	Change
1	A new Executive Summary is provided, including an analysis of the recent Southern California fires and a summary of the status of SMUD's wildfire projects and metrics.
2.5.1, Table 3	Added new Pole-Mounted Sensor installation project under the responsibility of the Director, Specialized Enterprise Initiatives
4.6	Language updated to reflect current status of enhancement and mitigation projects.
5.2, Figure 4	Updated percent or line circuit miles in the HFTD in description following the map.
5.4	Updated status of CAL FIRE FRAP FHSZ maps covering SMUD Service Area.
6	Included description of SMUD procedures that exceed minimum standards set forth in the CPUC's General Orders 95 and 165.
6.2	Updated list of situational awareness tools to include Watch Duty. Also clarified that SMUD has not initiated preventative de-energizations in response to wildfire conditions.
6.6	Updated status for enhancement and mitigation projects.
6.7	Added new pilot project for installation of pole mounted sensors that will provide near real-time power line monitoring.
7	Updated counts of MED Rate and EAPR customers.
Appendix	Provided updated webpage Links for footnote references.

SMUD will be formatting this document for PDF accessibility to ensure that individuals with disabilities can effectively access and engage with the content. This will be accomplished by following a variety of guidelines and techniques designed to create PDF documents that are compatible with assistive technologies, such as screen readers, and that cater to users with visual, auditory, motor, or cognitive disabilities.

2. Introduction

2.5 Accountability of the plan

SMUD's Chief Operating Officer has overall responsibility for the WMP. The Chief Operating Officer and Chief Customer Officer are responsible for executing the various components of the WMP.

2.5.1 SMUD operating unit responsibility specific to each component of the plan

Table 3 lists the Director with responsibility for the departments or workgroups that are accountable for the various components of SMUD's WMP. In each case the Director or the Director's designees will be responsible for the accuracy of, and for operations in accordance with, the specified component of the plan.

Table 3 Accountability for the WMP components.

Mitigation Activities	Responsible Department and Workgroup
Risk analysis	Manager, Enterprise Strategy and Risk
Fire threat assessment in service area and UARP	Director, Distribution Planning & Operations
Wildfire prevention strategy and programs	
- Disable automatic reclosing - Planned de-energizations	Director, Transmission Planning & Operations, Director, Distribution Planning & Operations
- T&D line patrols - Aerial patrols - 69kV & Transmission line IR inspections - Wood pole intrusive inspection - Splice assessment - Detailed line inspections	Director, Line Assets
- Substation visual inspections	Director, Substation, Telecom & Metering Assets
- Vegetation management - Pole clearing program	Director, Line Assets
Fire mitigation construction	
- Natural Ester-based fluid - Cal FIRE exempt equipment in PCA	Director, Distribution Planning & Operations
- Weather stations	Director, Transmission Planning & Operations
Enhancement projects	
- Install SCADA reclosers in PCA	Director, Distribution Planning & Operations Director, Line Assets
Pilot projects	
- Light Detection and Ranging and Ortho Imagery	Director, Line Assets
- Pole Mounted Sensor Installation	Director, Specialized Enterprise Initiatives
Emergency preparedness	
- SMUD Emergency Operations Centers	Director, Facilities, Security & IPPS
- Public and agency communications for wildfires	Director, Customer Operations & Community Energy Services, Director, Customer Experience Delivery, Director, Corporate Communications, Director, Commercial Development & Solutions

4. Risk analysis and risk drivers

4.6 Risk reduction efforts under the WMP

Since the adoption of its initial WMP, SMUD has initiated multiple projects to directly reduce the risk of ignitions from SMUD owned powerlines in the UARP and PCA. Two of those projects have been completed. The conclusion of these projects resulted in direct ignition risk reduction in Tier 2 and Tier 3 of HFTD areas. SMUD is making progress on the remaining projects and a new multi-year pilot program.

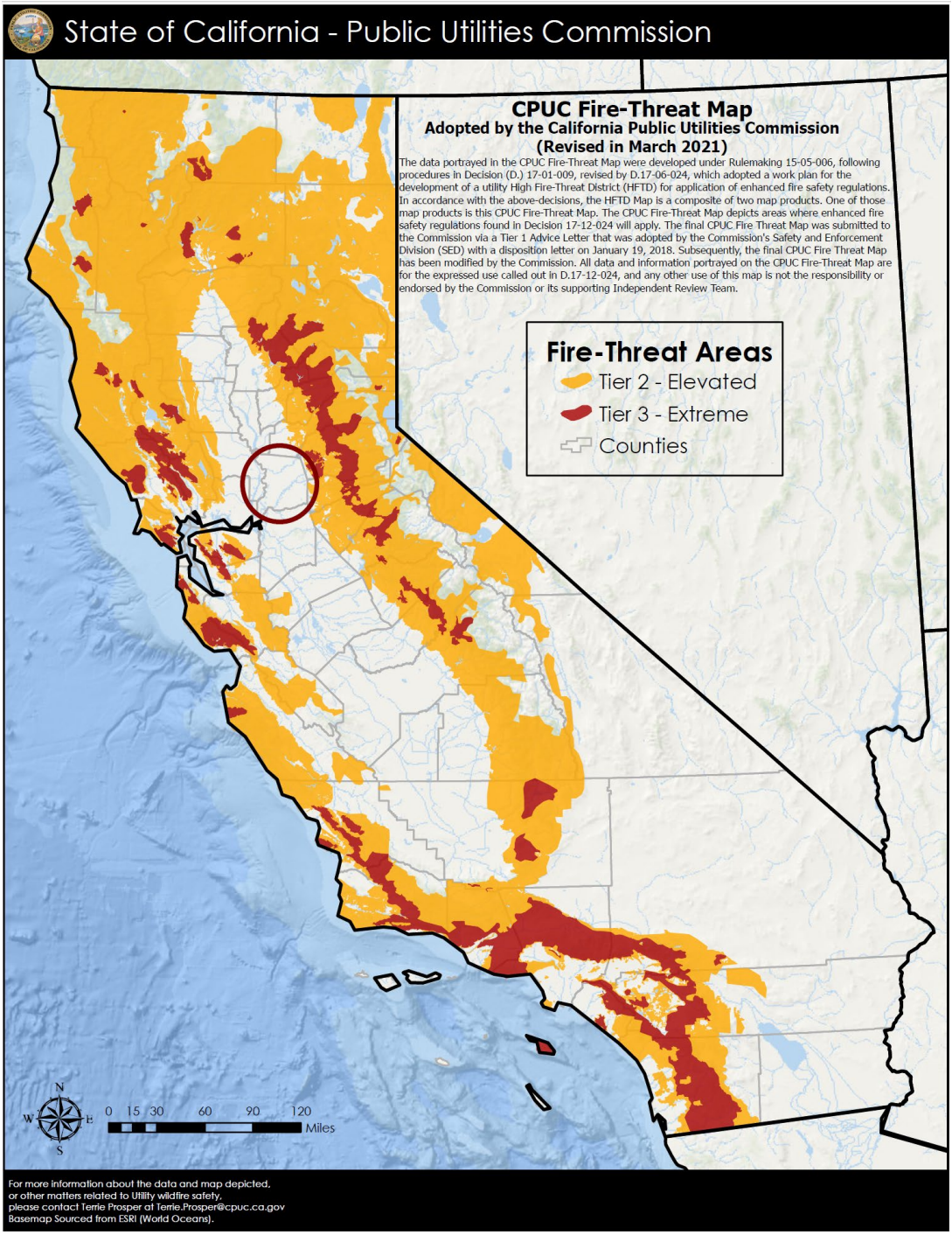
5. SMUD assets fire threat overview

5.2 Fire threat assessment in SMUD service area

SMUD has never experienced a catastrophic wildfire involving its facilities. SMUD's service area in Sacramento County has a much lower wildfire risk profile than other areas in the State that have suffered destructive wildfires in recent years. When ignition events occur, they have historically been limited in scope. This is largely due to SMUD's more urban environment, flatter accessible terrain, low grasslands and other fuel sources outside forested areas and fewer wind events.

The CPUC Fire-Threat map identifies Tier 3, extreme fire risk, Tier 2, elevated fire risk, and areas outside of the HFTD. Figure 4 depicts the CPUC Fire-Threat Map and SMUD's service area location within the map.

Figure 4 SMUD's service area within CPUC Fire-Threat Map



SMUD's assets are located both within CPUC HFTD areas (including Tier 2 and 3) and areas not deemed within the HFTD (referred to as CPUC non-tier or outside HFTD in this document). Approximately 31% of SMUD's overhead transmission and generation circuit-miles of wires are located within the CPUC HFTD, with approximately 12% located within Tier 3 ("Extreme Fire Threat"). None of SMUD's distribution substations are located within the HFTD.

5.4 CAL FIRE – Fire Resource and Assessment Program (FRAP)

CAL FIRE publishes multiple maps related to fire threat throughout the state. SMUD refers to the Fire Hazard Severity Zone (FHSZ)[3] map to inform and plan maintenance activities. CAL FIRE published a new State Responsibility (SRA) FHSZ map in March 2025. The new map depicts slight changes in fire hazard severity in the PCA. SMUD staff has completed importing and analyzing the map data as we continue to review and update our wildfire prevention and mitigation strategies. However, CAL FIRE has not published a new map depicting FHSZ for Local Responsibility Areas (LRA)[4] and Federal Responsibility Areas (FRA). The LRA and FRA depict fire hazard within Sacramento County areas, and portions of the UARP where SMUD has transmission lines respectively. SMUD staff will continue monitoring CAL FIRE's website for updates to these two maps.

Although SMUD takes CAL FIRE's FHSZ mapping into consideration as part of its wildfire mitigation planning, SMUD's Wildfire Mitigation Plan references the CPUC Fire Threat Map that focuses on the risk of utility associated wildfires.[5]

6. Wildfire prevention strategy and program

SMUD has a robust set of measures to address potential wildfire risks. The WMP incorporates existing efforts and identifies the process moving forward to supplement these efforts where a need is identified.

SMUD regularly coordinates with local fire agencies and other first response agencies. It also participates with emergency operations activities in its system areas.

SMUD has robust Vegetation Management (VM) programs with accelerated and targeted VM work (pruning & removal) risk and conditions approaches, including not to exceed 24-month inspection cycles in SMUD's service territory. Our VM programs are using enhanced technologies including LiDAR and Ortho Imagery (these technologies can help identify diseased trees and trees that are a risk to SMUD facilities).

SMUD also has robust inspection and maintenance programs that include traditional aerial patrols with helicopters, IR inspections using helicopters (which can detect heat from power equipment before an event occurs), inspections using unmanned aircraft systems (drones) to capture high-resolution photos, and regular ground inspections of all facilities (including core testing of the wood poles) with SMUD employees.

SMUD has implemented design standards and maintenance programs for its facilities that meet or exceed the relevant federal, state, or industry standard, including the minimum standards set forth in the CPUC's General Orders (GO) 95 165. SMUD recognizes these GOs reflect industry standard for design and construction of overhead electrical facilities, and specifically that GO 95 specifies a set of minimum design, inspection, and maintenance requirements for specific categories of electric supply facilities. In addition to these minimum requirements, GO 95, Rule 31.1 emphasizes that the design, construction and maintenance requirements should be implemented considering the local conditions under which the facilities are to be operated. Consistent with Rule 31.1, SMUD assesses best practices to protect the safety and reliability of its system by implementing design, construction, maintenance, or inspection protocols consistent with or exceeding the GO minimum standards. Two key examples of where SMUD has implemented standards exceeding the GO

[3] https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones
[4] https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones/fire-hazard-severity-zones-maps
[5] https://www.cpuc.ca.gov/industries-and-topics/wildfires/fire-threat-maps-and-fire-safety-rulemaking

minimums are (1) SMUD's intrusive wood pole testing interval is every 10 years which is more frequent than the minimum requirements of GO165 , and (2) SMUD has removed vegetation and potential hazard trees up to 200 feet from either side of the transmission lines in the UARP which exceeds the vegetation clearance requirements of GO 95. SMUD's pro-active strategies are intended to identify and resolve wood pole and tree concerns at an early stage to mitigate wildfire caused by a potential failure.

SMUD has explored potential system improvements in certain locations such as the use of non-sparking equipment in key areas (e.g., use of CAL FIRE exempt fuses), replacing wood poles with steel or ductile iron in certain cases and the use of covered conductor alternatives.

SMUD has protocols for disabling automatic reclosing and for de-energizing lines for public safety. Some conditions that factor into these protocols include: RFW, forecasted temperatures above 100°F, winds exceeding design standards and low humidity. It also has an Outage Communications Plan that addresses potential de-energization events. SMUD will include targeted messaging for affected areas that will set expectations and identify support resources. Table 7 describes activities that address SMUD's key wildfire risk factors.

Table 7 Activities that address wildfire risk factors

Risk factor	Activity
Fuel	Vegetation management Fuels reduction Use of LiDAR and Ortho Imagery
Equipment/facility failure	Routine maintenance Focused design and construction standards to reduce ignition sources *(e.g.*, use of non-expulsion fuses and arrestors, replacement of wood poles, undergrounding and other options) Transmission and distribution line detailed inspections and annual patrol No reclosing during fire season Intrusive pole testing and pole replacement De-energization of lines during certain conditions
Contact from object(s)	Animal/bird guards Raptor construction (increased line spacing) Increased vegetation clearances (at time of work)
Wire to wire contact	Weather station and monitoring
Other	SMUD worker/contractor education on fire ignition sources from normal work activities Fire watch (daily 30 minutes after work completion in high-risk areas)

6.2 Transmission grid operational practices

6.2.2 Preventative De-energization Plans

SMUD's Power System Operators (PSO) have the authority to de-energize portions or all the Valley and UARP transmission line(s) for safety, reliability, conditions beyond design criteria, threat of wildfires and during emergency conditions when requested by local law enforcement or fire officials. Per existing protocols, planned de-energizations are coordinated with interconnected agencies.

During active fire season as declared by CAL FIRE the PSO is authorized to de-energize portions or all the Valley and UARP transmission line(s) when there is imminent fire danger, mandatory fire orders are in effect,

and/or the transmission system is experiencing conditions beyond design criteria. The PSO will take a combination of many factors into consideration when implementing de-energization procedures, which include the triggers listed below, as well as power system knowledge and potential community impacts. De-energization decisions require a balancing of all these factors as well as a knowledge of the area and operation of the power system. No single element is determinative.

- Extreme fire danger threat levels, as classified by the National Fire Danger Rating System
- A RFW declaration by the National Weather Service
- Low humidity levels lower than what is required for a RFW
- Sustained winds exceeding design standards
- Site-specific conditions such as temperature, terrain, and local climate
- Critically dry vegetation that could serve as fuel for a wildfire
- On-the-ground, real-time observation from SMUD or other agency field staff

The PSO utilizes various operational and situational awareness tools to determine when de-energization is appropriate. The tools are listed below:

- Weather data telemetered into SMUD's Energy Management System, such as wind speed, wind direction, air temperature, barometric pressure and relative humidity
- US Forest Service – Wildland Fire Assessment System, https://www.wfas.net/
- CAL FIRE Incidents Information, https://www.fire.ca.gov/incidents
- CAL FIRE California Statewide Fire Map: https://www.fire.ca.gov/incidents/
- National Weather Service: https://www.weather.gov/
- Indji Watch real time operational tool: https://www.indjiwatch.com/
- Geographic Information System (GIS) based tools
- ALERTWildfire: http://www.alertwildfire.org/tahoe/index.html
- NOAA/National Weather Service Storm Prediction Center: https://www.spc.noaa.gov/
- National Significant Wildland and Fire Potential Outlook, https://www.nifc.gov/nicc/predictive-services/outlooks
- Wildfire Forecast & Threat Intelligence Integration Center (WFTIIC), https://hub.wftiic.ca.gov/
- Watch Duty: Watch Duty - Wildfire Maps & Alerts

SMUD did not de-energization its lines due to wildfire conditions in 2023 or 2024. As a result, the disruption to power services associated with preventative de-energization events has not occurred during this period.

6.6 Enhancement and mitigation projects

SMUD forecasts and plans for upcoming work several years in advance. This planning process allows adequate level of staffing and funding for needed projects. This section identifies the specific upcoming projects that help reduce SMUD's wildfire risk.

6.6.1 Install non-expulsion devices in PCA

Status: On-track to be completed by the end of 2025 barring any ongoing supply chain constraints.
Start date: 2020
Expected completion: 2025

This project targets SMUD's PCA to reduce the risk of fire ignitions by installing non-expulsion equipment (CAL FIRE exempt equipment). Existing overhead fuses and fuse holders will continue to be replaced with non- expulsion type fuses. Existing arresters are being replaced with new arrestors that have arc protection. In addition, the connectors used to attach the devices to conductors are being replaced with Cal FIRE exempt wedge-type connectors.

6.6.2 Replace #6 Copper conductors in PCA

Status: Completed 2023
Start Date: 2021
Expected Completion: 2023

This project targets SMUD's PCA for removal of #6 copper conductors and replacement with heavier gauge aluminum. The project was proposed in conjunction with Eagle Take Permit mitigation work to reduce avian contacts issued in connection with the expansion of SMUD's Wind Farm in Solano County. The mitigation activity involves re-framing approximately 185 poles to increase overhead conductor spacing.

6.6.3 UARP 4kV UG conversion

Start Date: 2020
Completed: 2022

After performing a feasibility study of alternatives, SMUD decided to remove the 4kV bare wire lines in the UARP and install underground infrastructure. Two of the shorter lines were undergrounded in 2020 and 2021. Construction was completed on the longest of the three lines in summer of 2022.

6.6.4 UARP Fuels Reduction

Status: On-track to be completed in 2025
Start Date: 2019
Expected Completion: 2025

This project is designed to help protect the UARP transmission lines and strengthen the fire break value it provides. The project area includes the entire length of SMUD's UARP transmission line within the existing right-of-way corridor plus targeted work approximately 200 feet on each side. Project treatments are designed to increase the area of forest lands treated for fuels reduction and prescribed fire and contribute to the longer-term restoration of the Crystal Basin forested landscape. Implementation measures will reduce the density of surface and ladder fuels by mechanical thinning, mastication, and hand crew work as part of a larger suite of silvicultural prescriptions that restore mixed conifer composition, health, and vigor. The project seeks to establish conditions outside the easement where reasonable and practicable that allow for a mosaic of multiple age class forest stands, variation in tree size, density, and species composition through treatments that retain the largest trees where reasonable and without defects while establishing conditions that allow for safe and efficient fire suppression, especially around private inholdings of Sierra foothill communities. This project has finished 99% of the work in 2023, with the remaining tasks mainly hindered by challenging landowner situations. At present, SMUD has one remaining landowner to finalize work with.

6.6.5 Install SCADA reclosers in PCA

Status: Deferred 2025 to 2027 due to unforeseen supply chain constraints
Start Date: 2025
Expected Completion: 2027

The existing 12kV feeders serving PCA customers are non-SCADA. This project will install SCADA enabled reclosers on feeders that serves SMUD's PCA customers. The SCADA reclosers will provide distribution operators visibility to the circuits and ability to operate the recloser remotely, including remotely disabling the reclosing function. The SCADA enabled reclosers will have modern microprocessor-based controllers, which will provide SMUD engineers the flexibility of fast-trip settings during fire season, and normal settings for

improved reliability during storm season. Visibility to circuit's measured values will provide distribution operators the ability to remotely de-energize the circuit(s) when conditions warrant or when requested by emergency response personnel. This project is anticipated to be completed in 2027, provided there are no disruptions in the supply chain.

6.6.6 VM Aerial LiDAR,10 ortho and oblique imagery

Start Date: 2017 and annually as needed
Completed: Work Plan developed and completed annually as needed

SMUD contracts with an external vendor to utilize LiDAR and remote sensing to supplement or enhance traditional "boots on the ground" vegetation patrols. Both LiDAR and Ortho imagery is obtained from rotary and fixed wing aircraft. The technology measures vegetation clearance distances from the conductor in both "as flown" and modeled conditions. Modeling is taking all the engineering calculations for maximum load and wind ratings to calculate clearance distances in "full operating range of the respective facility." Ortho Imagery is used to provide a more accurate and pre-mature visibility of vegetation in decline that may not yet be visible to the human eye.

In 2023 and 2024 the vendor captured LiDAR data along the transmission corridors in the UARP, as well as the portions of Sacramento County designated as CAL FIRE's State Responsibility Area (SRA) for both T&D circuits. The LiDAR detections are categorized by priority. As soon as SMUD VM receives notification, SMUD VM field staff use the data to support patrols. Urgent and future potential conflicts are field checked and tree work is prescribed as needed (Transmission & SRA Distribution). These are reviewed by SMUD VM planners during annual patrols and tree work prescribed as required. Imagery work is budgeted for 2025.

6.7 Pilot *projects*

Pilot projects are initiated to explore technologies and practices that are new to SMUD. These projects are intended for SMUD staff to evaluate the effectiveness and benefits of the technologies or practices. The pilot must prove successful to implement the technology or practice. Some of the factors considered at the conclusion of a pilot are proven risk reductions, material and installation costs, ease and efficiency of installations and overall effectiveness of the technology. Based on the results of the pilots, SMUD may elect to integrate the technologies or practices into its various ongoing maintenance programs. Current pilot projects are described below.

6.7.1 Pole-mounted Sensor Pilot Program

Status: Installation of devices is planned to start in 2025
Start Date: 2025
Expected Completion: 2028

This project involves installing pole-mounted devices on hundreds of SMUD's poles and towers, including select locations within the UARP and PCA. Once deployed, the pilot program will consist of a three-year monitoring period. These pole-mounted sensors provide near real-time power line monitoring to improve grid reliability. These devices continuously assess grid conditions, detecting faults, voltage fluctuations, line sag, conductor damage, vegetation contact, and other anomalies. Utilizing machine learning, the system alerts key personnel to potential issues, enabling faster response times. Additionally, the sensors are expected to support SMUD's wildfire mitigation strategy by identifying hazardous conditions such as sparking conductors and other abnormal grid behaviors.

7. Response Guidelines

7.2 Public and agency communications for a potential wildfire

Public safety is a guiding principle at SMUD. While SMUD's WMP activities are designed to mitigate wildfire danger, in instances of high fire threat conditions, interruption of electrical service by de-energizing powerlines may be necessary as a last resort. De-energizing powerlines may be the safest approach and makes sense if the risk of a wildfire starting and spreading is severe. SMUD proactively communicates with customers and key stakeholders through multiple channels about preparing for potential power outages, and the power restoration process. SMUD recognizes that many entities and individuals are particularly vulnerable during extended power outages and makes every effort to provide up-to-date information to these populations prior to, during and after an event.

This proactive communication is utilized for:

1) A wildfire threat to localized circuits within the SMUD service territory that results in localized de-energization.
2) A wildfire threat to SMUD's UARP hydroelectric generation and transmission system that results in a de-energization event causing a capacity/energy shortage (rotating outages).
3) A wildfire threat to a major shared transmission line(s) that impacts the statewide grid or parts of it and creates a resource shortage for the utilities, including SMUD, that rely on the resources the line(s) provides.

SMUD has implemented an opt-in program on smud.org that allows for vulnerable populations to receive additional information or notifications in the unlikely event of a wildfire in SMUD service territory.

Among SMUD's most vulnerable customers are those enrolled in the Medical Equipment Discount Rate program (MED rate). These customers rely on specialized medical equipment that may require power. SMUD also has a Vulnerable Customer program which allows customers to self-identify as vulnerable for concerns not covered by our MED Rate, we include our Energy Assistance Program Rate (EAPR) and 3rd Party/Senior ID customers in this group. SMUD has more than 11,000 customers who rely on specialized medical equipment and who are enrolled in the MED rate program, 3rd Party/Senior ID program or enrolled in our Vulnerable Customer program. Additionally, SMUD has nearly 75,000 customers that participate in our EAPR program. SMUD will send these customers an email or letter each year to remind them of the risk of wildfire danger, to have an emergency back-up plan if an outage occurs, to update their contact information and refer them to Smud.org/wildfiresafety for more information.

All SMUD customers can visit the smud.org/wildfiresafety webpage where they'll be able to find:

- Wildfire mitigation plan
- Information on how SMUD mitigates fire risk
- Emergency preparedness planning guide (7 languages)
- Links to additional resources
- Video on wildfire mitigation efforts
- Rotating outage map and periodic event updates
- Frequently Asked Questions on the de-energization process

Smud.org/WildfireSafety provides access to information about SMUD's effort in wildfire planning and prevention (including an archive of this and prior WMPs), how to identify fire risk in areas where SMUD maintains electric facilities, a video on our wildfire mitigation efforts, emergency planning and preparation) and SMUD's de-energization protocols.

SMUD also proactively communicates before potential emergency events about our efforts to prepare for and reduce wildfire risk.

In advance of peak wildfire season, SMUD conducts ongoing communications about how to prepare for emergencies in the event of a wildfire, natural disaster or major outage. The communications include:

- Letters and emails to MED Rate, EAPR 3rd Party/Senior ID and self-identified vulnerable customers, with preparation checklists.
- Outdoor billboards
- Digital monitors in our customer lobby
- Bill inserts
- Reminders on SMUD.org homepage encouraging customers to update contact information
- Customer newsletters (print and email) on safety tips, preparation.

SMUD's public information specialists will provide ongoing updates on multiple platforms, including social media, to provide customers and the community with up-to-date information about an emergency or potential emergency.

SMUD's government affairs representatives will reach out to the executive staff of local governments, elected officials, SMUD's state delegation, federal and tribe representatives and appropriate agency staff to provide initial contact and ongoing communications by email and phone with messages for their constituents.

In the time leading up to a potential or imminent de-energization event or emergency, SMUD makes every effort to maintain contact with customers it believes may be impacted and keep the media, local agencies and the public aware of the number of customers affected, and SMUD's activities and restoration efforts.

Key stakeholders and public safety partners, including potentially impacted federal, state and local elected officials, City and County executive staff, tribe representatives and first responders are also contacted via a variety of channels. SMUD has specific personnel assigned to elected officials and agencies, and to critical customers including water and telecommunications utilities potentially affected by de-energized powerlines.

Appendix

The table below provides new links for existing links on the 2023-2025 full plan that are no longer working.

Table with updated links

Foot note	Page	Existing Link	New Link
2	8	https://www.fs.fed.us/nrs/pubs/rmap/rmap_nrs8.pdf	https://www.fs.usda.gov/nrs/pubs/rmap/rmap_nrs8.pdf
6	31	https://egis.fire.ca.gov/FHSZ/	https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones
8	31	https://www.cafirefoundation.org/cms/assets/uploads/2020/05/CPUC_Fire-Threat_Map_final.pdf	https://files.cpuc.ca.gov/safety/fire-threat_map/2021/CPUC%20Fire%20Threat%20Map_v.3_08.19.2021.Letter%20Size.pdf
N/A	34	https://www.predictiveservices.nifc.gov/outlooks/outlooks.htm	https://www.nifc.gov/nicc/predictive-services/outlooks
9	39	https://osfm.fire.ca.gov/media/8482/fppguidepdf126.pdf	https://34c031f8-c9fd-4018-8c5a-4159cdff6b0d-cdn-endpoint.azureedge.net/-/media/osfm-website/what-we-do/community-wildfire-preparedness-and-mitigation/prevention-field-guides/fppguidepdf126.pdf?rev=842b1eb3375e430e9c58a69f9f39b633&hash=E94151A6AE6D329FEE4DFF82439DC5AF
12	55	http://www.fire.ca.gov/fire_protection/downloads/siege/2007/Overview_Glossary.pd	https://bof.fire.ca.gov/media/ttpi3n3m/full-14-b-vhfhsz-frequently-asked-questions.pdf
13	55	http://www.cpuc.ca.gov/FireThreatMaps/	https://www.cpuc.ca.gov/industries-and-topics/wildfires/fire-threat-maps-and-fire-safety-rulemaking
14	55	https://w1.weather.gov/glossary/index.php?word=red+flag+warning	https://www.weather.gov/gjt/firewxcriteria
N/A	56	https://www.cafirefoundation.org/cms/assets/uploads/2020/05/CPUC_Fire-Threat_Map_final.pdf	https://files.cpuc.ca.gov/safety/fire-threat_map/2021/CPUC%20Fire%20Threat%20Map_v.3_08.19.2021.Letter%20Size.pdf
N/A	56	https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/wildland-hazards-building-codes/fire-hazard-severity-zones-maps/	https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation
N/A	56	https://osfm.fire.ca.gov/divisions/wildfire-planning-engineering/wildfire-prevention-engineering/prevention-field-guides/	https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/prevention-field-guides
15	56	https://www.nwcg.gov/term/glossary/wildfire	https://www.nwcg.gov/publications/pms205/nwcg-glossary-of-wildland-fire-pms-205

RESOLUTION NO. 25-06-06

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

This Board accepts the monitoring report for **Strategic Direction SD-8, Employee Relations**, substantially in the form set forth in **Attachment C** hereto and made a part hereof.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

Attachment C
to Resolution No. 25-06-06

SACRAMENTO MUNICIPAL UTILITY DISTRICT

OFFICE MEMORANDUM

TO: Board of Directors **DATE:** May 14, 2025

FROM: Claire Rogers *CR 5/14/25*

SUBJECT: **Audit Report No. 28007863**
Board Monitoring Report; SD-08: Employee Relations

Internal Audit Services (IAS) received the SD-08 *Employee Relations* 2024 Annual Board Monitoring Report and performed the following:

- Selected a sample of statements and assertions in the report for review.
- Interviewed report contributors and verified the methodology used to prepare the statements in our sample.
- Validated the reasonableness of the statements in our sample based on the data or other support provided to us.

During the review, nothing came to IAS' attention that would suggest the items sampled within the SD Board Monitoring report did not fairly represent the source data available at the time of the review.

CC:

Paul Lau

Board Monitoring Report 2024
SD-8, Employee Relations

1. Background

Strategic Direction 8 (SD-8) states that:

Developing and maintaining a high quality, diverse and inclusive workplace that engages and inspires employees to commit to SMUD's purpose, vision and values is a core value of SMUD.

SMUD is committed to diversity and inclusion and will foster and support a workplace that values employees representing a variety of backgrounds, including but not limited to, race, ethnicity, gender, gender identification and/or expression, sexual orientation and identification, national origin, age, physical abilities, veteran status, socio-economic status, life experiences, talents, and thinking styles.

Therefore:

a) SMUD shall attract and retain a highly qualified and diverse workforce.
b) SMUD shall promote inclusion and diversity and engage its workforce in activities that demonstrate and support inclusion and diversity across the organization.
c) SMUD shall engage its workforce in personal and professional development.
d) SMUD's percentage of engaged employees as measured through the Engagement Index shall exceed 80%.
e) SMUD shall use a broad mix of communication and outreach channels to ensure its recruitment activities reflect the diversity of the communities it serves.
f) SMUD shall maintain and communicate written policies that define procedures and expectations for staff and provide for effective handling of grievances.
g) Annually, and consistent with State and Federal law, the Board shall receive a report detailing the demographics and trends of the SMUD workforce, the available workforce, and the Sacramento region. The report shall also provide information on veterans as a part of SMUD's workforce.

2. Executive Summary

SMUD is in full compliance with SD-8, Employee Relations.

The continued rapid pace of change in today's energy industry and economy requires that employer workforce strategies keep pace. SMUD has accordingly accelerated the rate at which we implement changes to how we attract, retain, engage, and develop our employees. After several years enhancing people strategies with better data and stronger partnerships, the 2024 outcomes in this report illustrate the ongoing momentum we're experiencing within our programs.

SD Support (Program, Policy, Procedure or Initiative)	**SD Requirement(s)**	**Purpose**	**Outcome**	**Notes**
Education Outreach	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity e) Broad mix of recruiting communication and outreach	Train future energy leaders; increase STEM awareness and curiosity; engage the community in SMUD's 2030 Zero Carbon Plan; promote new tech/SMUD programs; increase customer engagement and value	Engaged 23,629 students in learning about SMUD's Zero Carbon effort and related energy industry careers	Up from 13,201 students in 2023. Reporting has been updated to reflect additional events that reached a large number of people with zero-carbon related career awareness and training.
Career Ambassador Program	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity e) Broad mix of recruiting communication and outreach	Increase future workforce talent while simultaneously engaging employees through early outreach & connection with future pipeline (K-12, college, and community)	Reached 12,659 students and community members at 151 Career Ambassador outreach events (133 in-person, 18 virtual).	There was a clear preference for in-person engagement as event requests mirrored pre-COVID totals. Work is underway to enhance incentives for ambassadors and continue the trend of increased involvement from business units across SMUD.
Talent Acquisition	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity e) Broad mix of recruiting communication and outreach	Attract, identify, secure, and retain talent that enables SMUD to deliver on its strategic directives	Managed 684 hiring requisitions, screening a total of 28,037 applications - 2,488 internal applications - 25,549 external applications	We saw a 50% decrease in internal applications as streamlined position management required less hiring requisitions in 2024. External applications increased by approx. 500.
Internships	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity e) Broad mix of recruiting communication and outreach	Strengthen talent pipeline by immersing students of varied backgrounds in SMUD's culture and careers	5,526 college intern applicants, 76 college interns hired 200 high school intern applicants, 13 high school interns hired	Up from 3,146 applicants in 2023, up from 58 interns hired Down from 303 high school applicants, up from 11 interns hired

Regional Workforce Development	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity e) Broad mix of recruiting communication and outreach	Develop workforce training and partnerships to support readiness and skills for a zero carbon economy; help close economic disparity gaps by creating equitable access to resulting economic growth	Partnered with 49 community organizations to deploy workforce development and training, reaching 9,041 youth & adults and training 4,698 in work-readiness and technical skills. Placed 981 trainees into new careers	High emphasis on bringing opportunities to under-resourced communities. Past reporting reflected only people trained in technical, hands-on skills programs. Numbers now reflect broader workforce training categories and support.
Skilled Trades Apprenticeship Programs	a) Attract and retain qualified, diverse workforce c) Workforce personal and professional development	Engage SMUD employees in personal and professional development through formal apprenticeship	Managed training plans, on-the-job training hours, and classroom instruction for 110 apprentices, 41 of which were new in 2024 - 28 Lineworkers - 2 Network cable splicers - 1 Engineering designer - 2 Hydro stationary engineers - 2 Hydro high voltage electricians - 6 High voltage electricians	Industry trends and successful workforce planning efforts have necessitated an increased number of apprenticeships, ensuring SMUD has the skills and people to meet current and future goals.
Corporate Learning & Development Curriculum	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity c) Workforce personal and professional development d) Employee engagement	Develop skills and leadership competencies that will support SMUD's current and future business strategy	Employees averaged 76 hours of training throughout 2024 - 15 hours of mandatory training - 61 hours of non-mandatory training	SMUD's learning culture continues to thrive. We saw 123 new users leverage LinkedIn Learning in 2024, contributing to 1,000+ more hours on the platform.
Internal & External Leadership Programs	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity c) Workforce personal and professional development d) Employee engagement	Provide experiential learning opportunities to develop leadership, and support collaboration and philanthropy in the community	25 employees completed or graduated from 10 different local and regional leadership development programs	Up from 24 employees in 2023. Western Energy Institute's Utility Business Essentials was added as a 10th leadership development opportunity in 2024.

Education Assistance	a) Attract and retain qualified, diverse workforce c) Workforce personal and professional development d) Employee engagement	Support employee continued education to attract & retain a highly qualified workforce	99 employees used the Education Assistance Tuition Reimbursement (EATR) program	Program enhancements have been made to better align areas of study with SMUD business needs
Employee Engagement	a) Attract and retain qualified, diverse workforce b) Promote and engage employees in inclusion, diversity d) Employee engagement	Create an environment where all employees feel psychologically safe and a sense of belonging	Employee Engagement Survey achieved 91% participation for the second time in a row Survey results reflected an overall engagement score of 87%, up 3 points from the last survey in 2021	Both achievements mark all-time highs for SMUD. Our engagement score is 9% higher than our survey vendor's global and utility benchmarks.
Employee Resource Groups (ERGs)	b) Promote and engage employees in inclusion, diversity c) Workforce personal and professional development d) Employee engagement	Contribute to an inclusive work culture by creating a sense of community and promoting education and awareness in alignment with SMUD's mission and values and our Inclusion Policy	47 ERG events attended by 985+ employees to increase cultural awareness, foster a sense of support and belonging, and promote employee engagement	Down from 65 events in 2023, but participation increased by 300+ employees. Engagement heightened with strategic focus on aligning with the interests and needs of employees.
Code of Business Ethics and Employee Conduct	a) Attract and retain qualified, diverse workforce d) Employee engagement f) Maintain and communicate policies re: staff expectations, grievances	Equip employees with an easy-to-read explanation of SMUD's values and expectations for employee behavior	100% of all employees received and acknowledged the code of ethics and conduct upon reporting to SMUD campuses	Code supplements SMUD's state law-mandated Conflict of Interest Code
Workforce Demographics Reporting	g) Reporting on demographics, SMUD and regional workforce trends, veterans	Provide informational update on workforce demographics	Identify and report on trends and ongoing efforts for a high quality, diverse and inclusive workforce	See SD-8 appendix for detailed reporting

3. Additional Supporting Information

Please see attached Appendix for additional information related to the SD-8 metrics.

4. Challenges

SMUD's workforce data plays a critical role in our efforts to attract, develop, and retain key talent. We've embraced data reporting that aligns with contemporary standards for a diverse and highly qualified workforce and surpasses the federal reporting requirements included in this report. Benchmarking for the contemporary demographics we're tracking is difficult as we outpace the constraints of regulatory guidelines that rely on older data reporting practices and labels. We're monitoring available benchmarks, prioritizing compliance with governing agencies, and continuing to nurture a culture of belonging at SMUD.

5. Recommendations

As reflected in this report, SMUD has achieved the goals set forth in SD-8 for ensuring SMUD develops and maintains a high quality, inclusive workplace that engages and inspires employees to commit to SMUD's purpose, vision, and values.

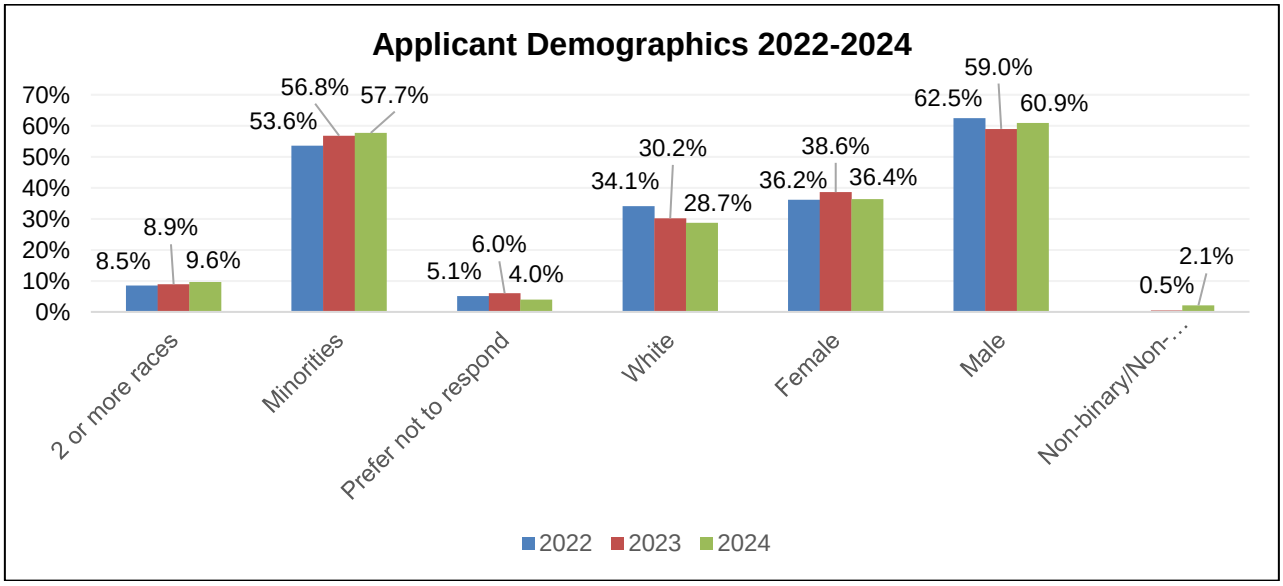
It is recommended the Board accept the monitoring report for Strategic Direction 8.

Appendix

Recruitment

The Talent Acquisition team partnered with hiring managers to conduct a total of 575 hiring consultations in 2024. The implementation of structured consultations for all processes and a clear recruitment process contributed to maintaining or even reducing hiring cycle times despite several senior leader recruitments throughout the year. These leadership recruitments include extensive consulting and collaborative planning to ensure a thorough search for the right talent.

In addition to traditional email blasts, job board postings, social media ads, and internal employee communication channels, we continued to leverage our third-party software solution Circa to efficiently advertise jobs and internships to partners, schools, and community organizations within a 150-mile radius of SMUD. In 2024, we saw a continued increase in applications from minorities, as defined by federal reporting guidelines.



Early Talent Programs

We continue to collaborate with local colleges and high schools to expand outreach and create clear pathways into the utility sector. After partnering with 29 colleges and universities to reach nearly 2,500 students in 2024, and with the help of Circa to supplement our outreach efforts, SMUD fielded 5,700+ college and high school intern applications for 89 coveted spots.

Senior leaders partnered with Early Talent Programs last year to educate teams across SMUD about the intern program. They shared examples of the substantive, hands-on learning experiences available to interns to help them develop practical skills and enhance employability. And as a result, we saw an increased interest in sponsorship and were able to successfully onboard 20 more interns than in 2023.

Examples of contributions made by the most recent cohort of interns include:

1. Building a website for the Sacramento Power Academy
2. Conducting research on Artificial Intelligence integration for SAP software
3. Creating a dashboard to synthesize data from the 2022-2024 California Municipal Energy Purchasing Joint Powers Authority report and the Balancing Authority of Northern California and SMUD compliance oversight plan
4. Assisting Field Arborists and Land Planners with recording observations during visits to yards/neighborhoods/lots; and
5. Inspecting materials such as elbows, switchgears, cable and steel poles in support of quality control

Diversity, Equity, Inclusion & Belonging (DEIB)

The structure and accountability the DEIB team implemented in 2023 laid an important foundation for the strides made in 2024. With the help of budget and governance oversight, collaboration guidelines, and enhanced measures of success, Employee Resource Groups (ERGs) and the DEIB team prioritized meaningful contributions to the employee experience with a series of impactful events. Among them were the 2nd annual ERG Leader Retreat, the first Diversity Day ERG Recruitment Fair, a Toastmasters Leader Cohort, a book club with the Emerging Professionals ERG, and mental health awareness education with the Parents ERG.

The ERG network expanded from eight to ten active groups in 2024:

- Black Employee Resource Group (BERG)
- Asian Pacific Islander (GRAIN ERG)
- Latinos Unity Network for Action (LUNA)
- Military Employee Resource Group (MERG)
- People Reaffirming Inclusion Diversity and Equality (PRIDE)
- Women's Employee Resource Group (WERG)
- Young Professionals Employee Resource Group (YP)
- Parents ERG
- NEW - Allies and Diverse Abilities Partnering Together (ADAPT): A space where employes with disabilities, and/or those who love someone with a disability, can connect to share resources, education and support
- NEW - Men's ERG: A group that promotes a more dynamic workplace environment for male employees at SMUD by acknowledging and addressing the distinctive obstacles they face

Comprised of representatives from all 10 ERGs and 12 business units across SMUD, the DEIB Council advocates for, informs, assesses and/or monitors the DEIB strategic plan. They also provide recommendations to the DEIB Department on behalf of SMUD. Throughout 2024, their insight supported a variety of efforts including Critical Infrastructure Protection, grants, community workshops, ERG programs, and SMUD's Employee Self-Identification (Self-ID) Campaign.

The Self-ID Campaign ran from September through December 2024 and was designed to inform, educate and engage employees. It was comprised of educational resources to accompany the new and expanded options for employees to self-identify within SMUD's Employee Central Portal, including Racial/Ethnic Group; Veteran Status; Protected Veteran Status; Pronouns; Gender Identity; and Disability Status. The campaign reached over 90% of the workforce with 2,070 employees participating.

Employee Engagement Survey
SMUD administered an Employee Engagement Survey in fall of 2024 and learned that 87% of employees are engaged and committed to their work. This is in stark contrast to national trends reporting a decline in workforce engagement. We also noted more consistency in engagement across business units, which tells us there is less variability among the employee experience.

Survey results show we made notable improvements in employee growth and development (+3 to 6 points) and employees experiencing trust and respect from their supervisors (+5 points). The diversity, equity, inclusion and belonging questions also improved in the areas of people treating each other with respect, dignity and civility (+5 points), creating an inclusive environment (+ 3 points) and whether employees felt they belonged (+2 points).

We noted two statistically significant declines around employees feeling cared about as a person (-4 points) and feeling like senior leaders care about the employee experience (-3 points). We anticipated some losses, recognizing that this year has been one of tremendous change for many employees, with seven internal reorganizations, new hybrid work policies starting in January, and continued focus on innovative 2030 Zero Carbon Plan work. While these scores showed a loss, employees also reported they like working at SMUD because the organization cares about employees and the community.

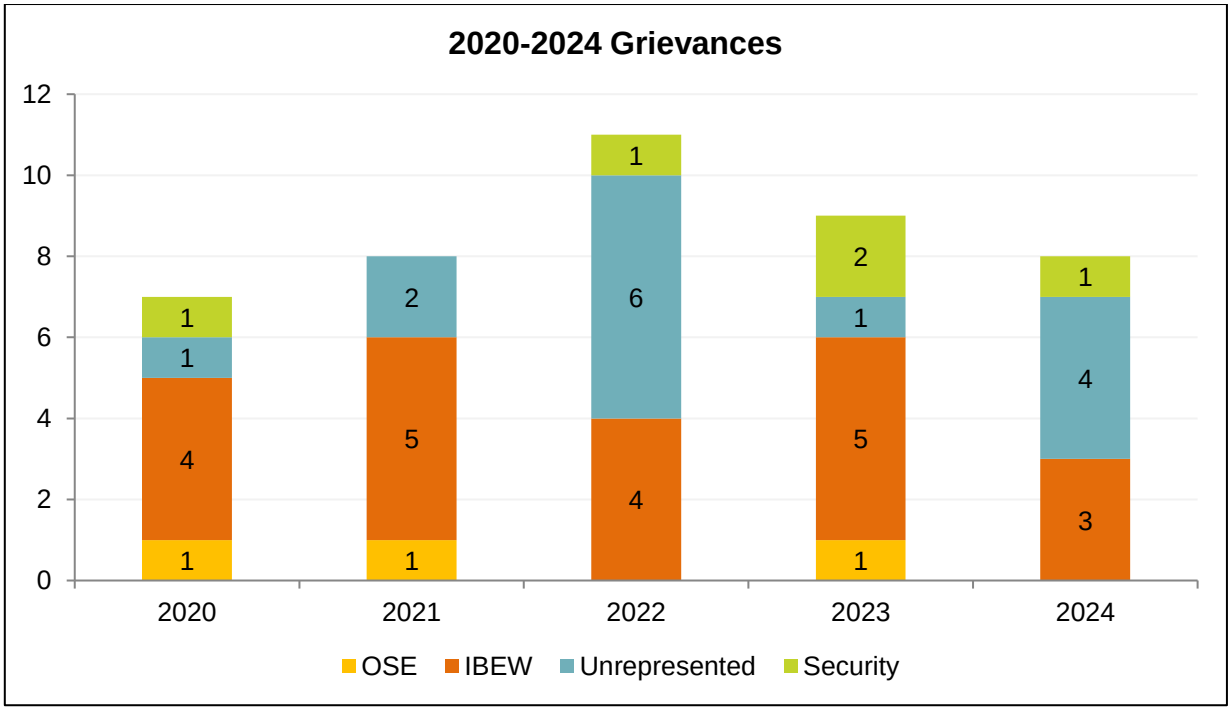
Continuous feedback loops and targeted action plans will help us sustain high engagement and address emerging challenges as the organization progresses. Leaders are building upon stable engagement levels and high participation to continue promoting a cohesive culture where employees feel like they belong.

Leadership Development
To provide experiential learning opportunities that develop leadership, and support collaboration and philanthropy in the community, SMUD currently supports 10 different leadership programs: Nehemiah Emerging Leaders, Western Energy Institute (WEI) Business Acumen for Emerging Leaders, WEI Utility Business Essentials, Asian Pacific Chamber Catalyst program, Leadership Rancho Cordova program, Leadership Elk Grove, Leadership Sacramento, Creciente Leadership Program (formerly Nueva Epoca), Leadership Folsom, and SMUD's Building Leadership Talent program. A selection process is conducted annually to match applicants with a program that effectively meets their development needs and SMUD's business objectives, and individuals that sit on selection panels are required to complete unconscious bias training.

Wellness & Benefits
Several initiatives targeted at improving employee health and work-life balance were launched in 2024. We extended on-site fitness center hours; implemented an interim Health and Wellness Program solution addressing a broader spectrum of employee wellness (physical, mental, social and financial); and most notably, SMUD announced an update to its Paid Family Leave and Long- and Short-term Disability benefits. We are proud to have launched fiscally responsible benefits that provide for the diverse needs of modern families and support SMUD's efforts to attract and retain highly qualified talent.

Conduct & Grievances

In addition to SMUD's Code of Business Ethics and Employee Conduct, the Employee and Labor Relations teams provide daily guidance and counsel to ensure all employees (represented and unrepresented) understand SMUD policies and procedures, and their responsibilities with respect to the Code of Ethics. The teams resolved a total of 8 grievances in 2024, down from 9 in 2023.



SMUD Workforce Demographics
The following *SD-8 Total Workforce Demographics* and *SD-8 Veteran Demographics* tables are consistent with federally mandated reporting and include benchmarks for Sacramento's available workforce and total population. Reporting excludes casual positions and members of the Board of Directors.

Reporting for 2024 includes the addition of *Native Hawaiian or Pacific Islander* to the Race/Ethnicity category. We've also added a decimal point to data to support increased visibility of smaller populations.

Historically, demographic shifts have been the cumulative result of several factors including new hires, separations, and retirements. Other factors impacting shifts in 2024 include changes to federal reporting, and increased awareness and utilization of SMUD's Employee Central Portal.

SD-8 Total Workforce Demographics 2020-2024

	Gender		Race/Ethnicity						
Calendar Year	Male	Female	White	Black or African American	Hispanic or Latino	Asian	Native Hawaiian or Pacific Islander	American Indian or Alaska Native	2 or more Races
2020	66%	34%	58%	7%	15%	15%		1%	4%
2021	66%	34%	57%	7%	15%	15%		1%	5%
2022	67%	33%	56%	7%	16%	15%		1%	5%
2023	66%	34%	55%	7%	16%	16%		1%	5%
2024	65.3%	34.7%	54.8%	6.9%	16.6%	14.8%	0.9%	0.6%	5.5%
Sac Pop. 2024*	49.2%	50.8%	39.7%	9%	24.5%	17.6%	1.2%	0.3%	7.7%
Sac Civ. 2024**	52.2%	50.0%	41.5%	8.6%	25.4%	18.4%	-	-	-

**Total Sacramento County Population data derived from 2023 American Community Survey, 1-Year Estimate.*
***Sacramento County Civilian labor force data derived from 2023 American Community Survey, 1-Year Estimate. Data represents residents aged 16 and older, and excludes houseworkers, unpaid volunteers, institutionalized individuals, and U.S. Armed Forces Active Duty.*
Benchmark data was derived from the 2023 American Community Survey which does not include Middle Eastern or North African. Additionally, there is not complete data available for Native Hawaiian or Pacific Islander; American Indian or Alaska Native; or 2 or More Races for the civilian labor force.

SMUD's Veteran Workforce

Veterans are a small but important part of SMUD's workforce. In 2024, we attended 14 vet-specific events to help them with tools to enter civilian careers. This included the California Employment Development Department's VetNet Series and Sacramento Veteran Employee Resource Groups, where we assisted with mock interviews, resume workshops, hiring process questions, and information about SMUD programs. We leveraged the Circa platform to complete outreach to 638 veteran organizations last year, sending more than 7,300 email announcements about SMUD jobs. We ultimately hired 24 veterans.

The Self-ID campaign conducted in 2024 provided employees with additional visibility into their reported veteran status. This may be a contributing factor to the increase in SMUD's veteran population, which increased from 5.2% in 2023 to 5.6%in 2024.

SD-8 Veteran Demographics 2020-2024

	Gender		Race/Ethnicity						
Calendar Year	Male	Female	White	Black or African American	Hispanic or Latino	Asian	Native Hawaiian or Pacific Islander	American Indian or Alaska Native	2 or more Races
2020	91%	9%	58%	7%	14%	13%		0%	8%
2021	91%	9%	58%	6%	13%	13%		0%	9%
2022	90%	10%	56%	6%	13%	15%		0%	10%
2023	91%	9%	56%	5%	12%	16%		0%	11%
2024	82.9%	17.1%	50.0%	7.0%	16.0%	14.0%	3.0%	0.0%	10.0%
CA Vets*	90.0%	10.0%	58.0%	10.0%	14.0%	8.0%	0.0%	1.0%	9.0%

**CA Vets VetPop2023 State Race/Ethnicity Data, 8L does not include Middle Eastern or North African as a race/ethnicity category*

Workforce Turnover

SMUD's turnover continues to trend downward, dropping from 6.4% in 2023 to 5.1% in 2024. Our turnover also continues to rank below the industry benchmark, which decreased of from 11.1% in 2023 to 8.8% in 2024. It's possible economic influences are extending the average length of time a person may choose to stay in the workforce.

Completing the Employee Lifecycle

To help identify strengths and opportunities across the organization, we continued the voluntary voice-to-voice exit interviews for departing employees. In 2024 we interviewed 83 employees who elected to share feedback on their experiences at SMUD.

- 94% of all exiting employees would recommend SMUD to a friend or colleague.
- 89% of exiting employees would consider returning to SMUD if the conditions were right.
- Less than half of employees specified that they were leaving because they were dissatisfied with some part of their job - either promotional opportunities, remote work limitations, or work/life balance in their specific job.

- Most employees view the workplace culture, the people they worked with at SMUD, as the best part of their job and listed a substantial number of positive descriptors for them.
- Employees felt recognized and appreciated for the contributions they made to SMUD. There were many more positive reactions when asked this question than critical commentary.

Supplemental Reporting for an Inclusive Culture

Thanks to the advanced reporting capabilities of our workforce software, SMUD is able to embrace practices that align with contemporary standards for a diverse and highly qualified workforce. This includes the additional monitoring and reporting of data for Non-binary/Non-conforming, Middle Eastern or North African, and for those who prefer not to respond to Gender or Race/Ethnicity questions. SMUD recognizes the importance of collecting data that reflects a wider range of identities and preferences. The following charts reflect a baseline 2024 reporting year that includes these additional categories.

Supplemental Total Workforce Demographics 2024

	Gender				Race/Ethnicity								
Calendar Year	Male	Female	Non-binary/ Non-conforming	Prefer Not to Respond	White	Black or African American	Hispanic or Latino	Asian	Native Hawaiian or Pacific Islander	American Indian or Alaska Native	Middle Eastern or North African	2 or more Races	Prefer Not to Respond
2024	65.2%	34.4%	0.1%	0.3%	52.8%	6.6%	16.0%	14.2%	0.9%	0.6%	0.1%	5.3%	3.6%
Sac Pop. 2024*	49.2%	50.8%	-	-	39.7%	9.0%	24.5%	17.6%	1.2%	0.3%	-	7.7%	-
Sac Civ. 2024**	52.2%	50.0%	-	-	41.5%	8.6%	25.4%	18.4%	-	-	-	-	-

**Total Sacramento County Population data derived from 2023 American Community Survey, 1-Year Estimate.*
***Sacramento County Civilian labor force data derived from 2023 American Community Survey, 1-Year Estimate. Data represents residents aged 16 and older, and excludes houseworkers, unpaid volunteers, institutionalized individuals, and U.S. Armed Forces Active Duty.*
Benchmark data was derived from the 2023 American Community Survey which does not include fields for Non-binary/Non-conforming, Prefer Not to Respond, or Middle Eastern or North African. Additionally, there is not complete data available for Native Hawaiian or Pacific Islander; American Indian or Alaska Native; or 2 or More Races for the civilian labor force.

Supplemental Veteran Demographics 2024

	Gender				Race/Ethnicity								
Calendar Year	Male	Female	Non-binary/ Non-conforming	Prefer Not to Respond	White	Black or African American	Hispanic or Latino	Asian	Native Hawaiian or Pacific Islander	American Indian or Alaska Native	Middle Eastern or North African	2 or more Races	Prefer Not to Respond
2024	82.3%	16.9%	0.0%	0.8%	50.0%	6.9%	16.2%	13.8%	3.1%	0.0%	0.0%	10.0%	0.0%
CA Vets*	89.6%	10.4%	0.0%	0.0%	57.6%	9.9%	14.0%	7.8%	0.5%	1.0%	-	9.2%	0.0%

**CA Vets VetPop2023 State Race/Ethnicity Data, 8L does not include Middle Eastern or North African as a race/ethnicity category*

Supplemental Workforce Demographics by Employee Level 2024

	Gender				Race/Ethnicity								
Level	Male	Female	Non-binary/ Non-conforming	Prefer Not to Respond	White	Black or African American	Hispanic or Latino	Asian	Native Hawaiian or Pacific Islander	American Indian or Alaska Native	Middle Eastern or North African	2 or more Races	Prefer Not to Respond
Execs	66.7%	33.3%	0.0%	0.0%	44.4%	22.2%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Directors	61.8%	38.2%	0.0%	0.0%	58.8%	11.8%	2.9%	14.7%	2.9%	0.0%	0.0%	5.9%	2.9%
Managers	57.8%	41.3%	0.0%	0.9%	67.0%	1.8%	7.3%	13.8%	0.0%	0.9%	0.0%	7.3%	1.8%
Supervisors	63.2%	36.8%	0.0%	0.0%	57.6%	8.2%	11.3%	15.6%	0.9%	0.0%	0.0%	3.5%	3.0%
Staff	65.9%	33.7%	0.2%	0.3%	51.3%	6.5%	17.3%	14.0%	0.9%	0.7%	0.2%	5.4%	3.8%

RESOLUTION NO. 25-06-07

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

This Board accepts the monitoring report for **Strategic Direction SD-12, Ethics**, substantially in the form set forth in **Attachment D** hereto and made a part hereof.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

Attachment D
to Resolution No. 25-06-07

SACRAMENTO MUNICIPAL UTILITY DISTRICT

OFFICE MEMORANDUM

TO: Board of Directors **DATE:** April 24, 2025

FROM: Claire Rogers *CR 4/24/25*

SUBJECT: **Audit Report No. 28007864**
Board Monitoring Report; SD-12, Ethics

Internal Audit Services (IAS) received the SD-12 *Ethics* 2024 Annual Board Monitoring Report and performed the following:

- Selected a sample of statements and assertions in the report for review.
- Interviewed report contributors and verified the methodology used to prepare the statements in our sample.
- Validated the reasonableness of the statements in our sample based on the data or other support provided to us.

During the review, nothing came to IAS' attention that would suggest the items sampled within the SD Board Monitoring report did not fairly represent the source data available at the time of the review.

CC:

Paul Lau

Board Monitoring Report 2024
SD-12, Ethics

1. Background

Strategic Direction 12 states that:

Maintaining the public trust and confidence in the integrity and ethical conduct of the Board and SMUD employees is a core value. Therefore, to ensure the public interest is paramount in all official conduct, the Board shall adopt and update, as necessary: a Conflict of Interest Code as required by State law. SMUD shall also maintain and enforce a code of conduct applicable to all employees.

Among other things the code of conduct shall:

a) Require high ethical standards in all aspects of official conduct;

b) Establish clear guidelines for ethical standards and conduct by setting forth those acts that may be incompatible with the best interests of SMUD and the public;

c) Require disclosure and reporting of potential conflicts of interest; and

d) Provide a process for (i) reporting suspected violations of the code of conduct and policies through multiple channels, including an anonymous hotline, and (ii) investigating suspected violations.

2. Executive Summary

SMUD is in compliance with the requirements of SD-12.

Strategic Direction 12 requires SMUD to have a process to report potential conflicts of interest and a process for reporting and investigating suspected violations of the Code of Conduct. Compliance is foundational for acting in the best interests of our customers and community. Several SMUD policies and procedures support the requirement of high ethical standards in all aspects of official conduct.

SD Requirement	Supporting Process/Procedure
a) Require high ethical standards	SMUD's Ethics policy (AP 05.02.03) sets the requirements and expectations for ethical behavior, including communication, training and other resources.

b) Establish clear guidelines for ethical standards and conduct	SMUD's Code of Business Ethics and Employee Conduct were updated and approved by the CEO & General Manager in 2020. SMUD's Ethics procedure (MP 05.02.03.100) was adopted in 2008 and updated in September 2024. SMUD's Conflict of Interest policy (AP 05.02.02) was adopted in 1998 and approved by the FPPC (Fair Political Practices Commission) in 2023.
c) Require disclosure and reporting potential conflicts of interest statements	Notice of filing requirements were sent to employees as early as February and through March. 99% of the annual conflict of interest statements were received by the time this report was finalized.
d) Provide a process for reporting and investigating suspected violations of the code of ethics	SMUD's Whistleblower Anti-Retaliation policy (AP 05.01.03) was approved in 2024. SMUD's Complaint Process Policy (AP 05.01.04) was adopted in 2006 and updated in August 2022. SMUD's Ethics and Compliance Hotline has been in place since 2008.

3. Additional Supporting Information

Ethics Policy

In accordance with Board Policy SD-12 Ethics, SMUD developed the Code of Business Ethics and Employee Conduct, approved by the CEO & General Manager in 2020. This document supplements SMUD's State-law mandated Conflict of Interest Code and provides an easy-to-read explanation of SMUD's values and expectations for employee behavior. It also identifies various staff resources to obtain further guidance, as well as alternative methods to report suspected violations of SMUD's Code of Business Ethics. The Code provides a framework for how employees should act toward customers, vendors and each other. It also emphasizes that as a publicly-owned utility, SMUD and its employees must adhere to the highest ethical standards.

All new employees reporting to a SMUD campus receive a copy of SMUD's Code of Business Ethics prior to or during new employee orientation and are required to review and submit a signed acknowledgement to People, Services & Strategies (PS&S) within 30 days of orientation.

Ethics Training

Ethics training is a mandatory requirement for all SMUD employees. They are required to complete the training every 2 years on a fixed rotating schedule. New and returning employees have one year for completion while newly promoted leaders are required to take Ethics training within 90 days of promotion into their role. Course completion is tracked using SMUD's Learning Management System (LMS) and reported as part of SMUD's mandatory training statistics. The 2024 completion rate for employees with 2024 due dates is 98.3%.

Disclosure and Reporting of Potential Conflicts of Interest

The Political Reform Act (Cal. Gov. Code §§ 81000, et seq.) requires certain government officials and employees to publicly disclose certain financial information relevant to the scope of decision-making for their positions with SMUD.

To maintain compliance, all employees in positions designated by the SMUD Board must complete and submit an annual Statement of Economic Interests, FPPC Form 700 (Conflict of Interest Statement). Incumbents of designated positions shall file an Assuming Office Statement within 30 days of starting their employment or beginning the new position. Employees in designated positions who leave SMUD shall file Leaving Office Statements within 30 days of their final dates of employment.

The annual Conflict of Interest Statements are public documents filed with Corporate Records or in the designated record repository. This process transitioned from PS&S to Legal in 2025. Legal sent financial disclosure materials electronically to designated employees as early as February and through March to meet the FPPC filing deadline of April 1. At the time of this report, 99% percent of the annual Conflict of Interest Statements from SMUD officials and designated employees were received. Staff follows up to ensure total compliance. In the rare event that full compliance is not achieved, SMUD is obligated to report violations to the FPPC for enforcement.

Process for Reporting and Investigating Suspected Violations

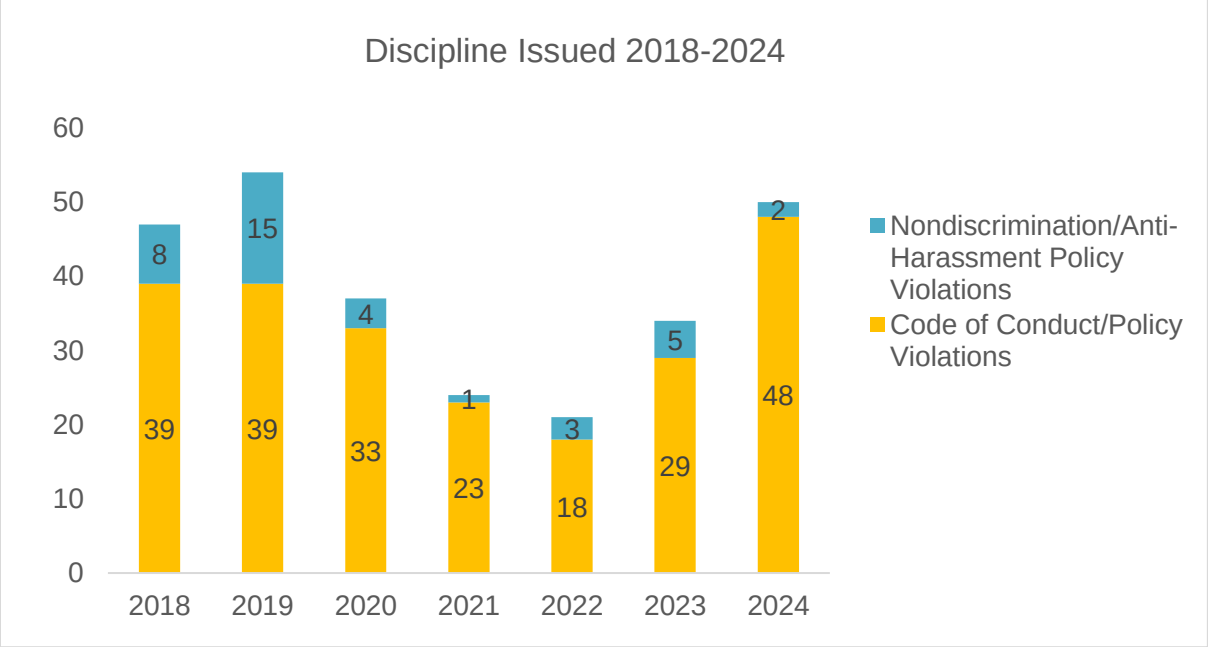
SMUD holds its employees to a higher standard than that required by law and is committed to providing a work environment in which all individuals are treated with dignity and respect. SMUD encourages employees to bring concerns about potential legal violations or violations of SMUD policies to the attention of a SMUD leader. All SMUD leaders are required to immediately report all complaints they receive regarding suspected policy violations to the Fair Employment Office. An employee who believes that they are unable to make a complaint through their management reporting line may report complaints directly to the Fair Employment Office, Labor Relations, Internal Auditor's or General Counsel's Office.

Additionally, SMUD has contracted with Navex Global Compliance since November 2008 to operate an anonymous Ethics and Compliance Hotline. This hotline can be used by employees to file complaints anonymously should they so choose, either online or by calling Navex Global Compliance directly.

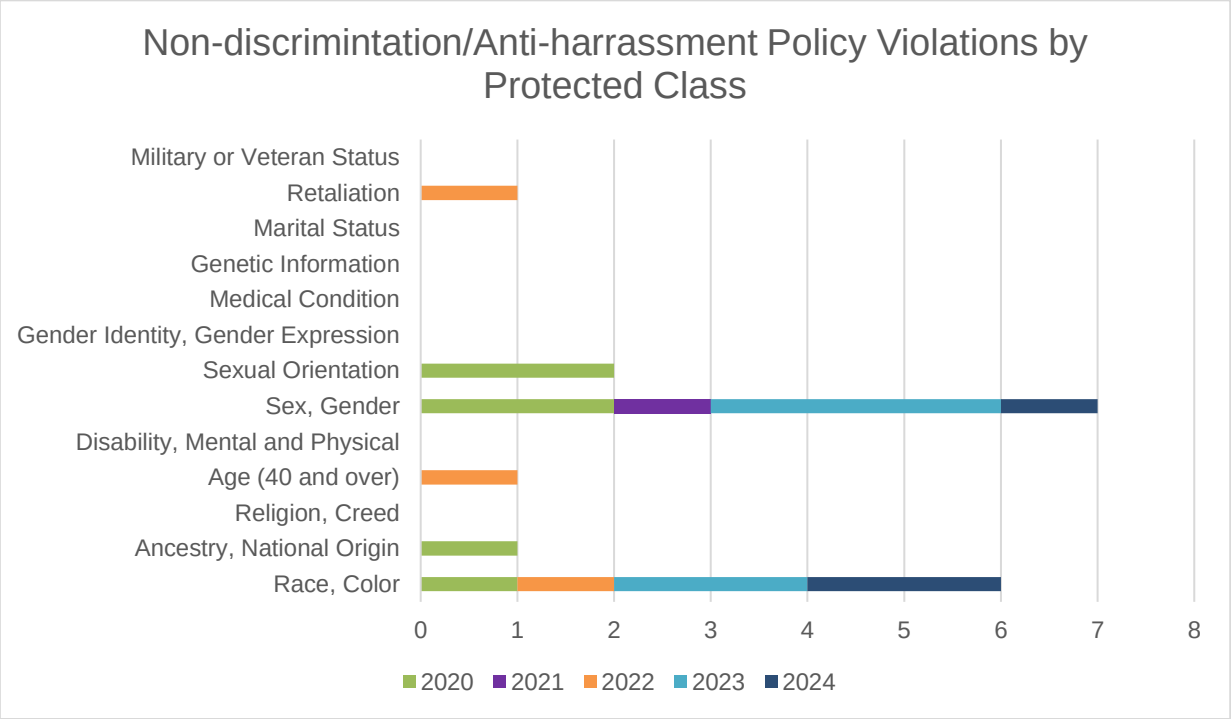
As part of SMUD's Complaint Process and Whistleblower Anti-Retaliation policies, a Whistleblower Committee was established to review and act, when appropriate, on hotline/whistleblower complaints. The committee is comprised of representatives from the General Counsel's office, Internal Audit Services and PS&S, including members of the Fair Employment Office and Labor Relations teams.

In addition to investigating potential violations of SMUD's Nondiscrimination, Anti-Harassment and Non-Retaliation Policy (AP 05.01.01) and Code of Ethics, Labor Relations and Fair Employment analysts also advise, consult with and support leaders on recommended action and coaching to address problematic behaviors and attitudes among the workforce that are not necessarily prohibited by law. This includes working with a leaders' leader or senior leadership when improved leadership skills would benefit relationships. These proactive measures play a critical role in a culture where all employees are respected and valued.

The following chart illustrates discipline issued to employees between 2020-2024. Summarized below are the disciplinary actions issued for violations of SMUD's Nondiscrimination, Anti-Harassment and Non-Retaliation Policy (AP 05.01.01) as well as discipline for misconduct/policy violations under SMUD's Positive Discipline Policy (AP 05.02.09) including dishonesty, bullying, discourteous behavior, unprofessional conduct, driving policy violations, insubordination, conflicts of interest and unethical behavior. The below reporting does *not* include discipline related to safety incidents (e.g. preventable vehicle accidents), attendance (tardiness and/or absences) or work performance unless there was a conduct component covered by SMUD's Code of Business Ethics & Employee Conduct, such as willful negligence or dishonesty.



The chart shown next indicates violations of SMUD's Nondiscrimination, Anti-Harassment and Non-Retaliation Policy (AP 05.01.01) as they relate to protected categories for FEO investigations that occurred in the past five years.



4. Challenges

Completing training and obtaining necessary documents can be a challenge for employees on any type of extended leave. Broad or anonymous complaints are sometimes filed without supporting and/or contact information to allow for follow-up and further investigation.

5. Recommendations

As reflected in this report, SMUD has achieved the goals set forth in SD-12 for maintaining the public trust and confidence in the integrity and ethical conduct of the Board and SMUD employees. The policies, guidelines, staff training and monitoring and reporting components have played a part in ensuring high ethical standards in all areas of conduct and in operations.

It is recommended the Board accept the monitoring report for Strategic Direction 12.

6. Appendices

N/A

RESOLUTION NO. 25-06-08

WHEREAS, by Resolution No. 16-12-11, adopted on December 1, 2016, this Board authorized the Chief Executive Officer and General Manager to execute sole source Contract No. 4500100166 with **Motorola Solutions, Inc. (MSI)** for the Next Generation Two-Way Radio System for a contract term from December 6, 2016, through December 31, 2018, in a total contract amount not to exceed $7,585,160; and

WHEREAS, Contract Change No. 1 reduced funding to the contract by $120,395 for a total contract amount not to exceed $7,464,765; and

WHEREAS, Contract Change No. 2 extended the contract expiration date from December 31, 2018, to March 31, 2019; and

WHEREAS, by Resolution No. 19-03-08, adopted on March 21, 2019, this Board authorized the Chief Executive Officer and General Manager to execute Contract Change No. 3 to extend the contract expiration date from March 31, 2019, to March 31, 2029, and increase the total contract amount to $13,724,750; and

WHEREAS, staff recommends replacement of the existing analog radio system in the **Upper American River Project (UARP)**; and

WHEREAS, Contract Change No. 4 is requested to increase the contract not-to-exceed amount by $5,949,221, from $13,724,750 to $19,673,971 to complete the replacement at the **UARP**; and

WHEREAS, it would not be productive or in the best interest of SMUD to advertise for competitive bids for the services referred to above because they can only be obtained from **MSI**; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. This Board hereby authorizes the Chief Executive Officer and General Manager, or his designee, to execute Change Order No. 4 to Contract No. 4500100166 with **Motorola Solutions, Inc. (MSI)** to increase the contract not-to-exceed amount by $5,949,221, from $13,724,750 to $19,673,971.

Section 2. The Chief Executive Officer and General Manager, or his designee, is authorized to make future changes to the terms and conditions of the contract that, in his prudent judgment: (a) further the primary purpose of the contract; (b) are intended to provide a net benefit to SMUD; and (c) do not exceed the authorized contract amount and applicable contingencies.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

RESOLUTION NO. 25-06-09

WHEREAS, Contract No. 4600001985 with **W.A. Chester America, LLC (WA Chester)**, was awarded on an emergency direct procurement basis in May 2025 for the period May 8, 2025, to May 1, 2026, for a not-to-exceed amount of $2,000,000 for all supervision, labor, materials (excluding transition joint and other major cable components), equipment, and incidentals necessary to repair the 115kV **Station E** to **Station G** Line 1 Underground high-pressure oil filled (HPOF) cable fault; and

WHEREAS, **WA Chester** is one of the handful of contractors in the world that has the skillset to repair and install HPOF cable and associated components; and

WHEREAS, the SMUD and **WA Chester** have started planning and scheduling the work; and

WHEREAS, SMUD has worked with subject matter experts to analyze the fault, order replacement parts, and schedule the repair work and is now ready commence the repair work; and

WHEREAS, increasing the contract amount will allow SMUD to move forward without delay to repair the underground cable fault and maintain system reliability; **NOW, THEREFORE**,

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. That this Board hereby authorizes the Chief Executive Officer and General Manager, or his designee, to execute Contract Change No. 1 to Contract No. 4600001985 with **W.A. Chester America, LLC**, to increase the contract not-to-exceed amount by $1,000,000, from $2,000,000 to $3,000,000, to repair the 115kV Station E to Station G Line 1 Underground High-Pressure Oil Filled (HPOF) cable fault.

Section 2. The Chief Executive Officer and General Manager, or his designee, is authorized to make future changes to the terms and conditions of the contract that, in his prudent judgment: (a) further the primary purpose of the

contract; (b) are intended to provide a net benefit to SMUD; and (c) do not exceed the authorized contract amount and applicable contingencies.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

RESOLUTION NO. 25-06-10

WHEREAS, in January 2025, SMUD issued Request for Proposal No. Doc4976775832 (RFP) to solicit qualified contractors to furnish all supervision, labor, materials, equipment, and incidentals necessary to perform Gas Pipeline Operations Construction Projects and Services for a five-year term; and

WHEREAS, 3 proposals submitted in response to the RFP were evaluated; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. As a result of such examination, **ARB, Inc.**, **Michels Pacific Energy, Inc.**, and **Snelson Companies, Inc.** are hereby determined and declared to the highest ranking proposers to provide all supervision, labor, materials, equipment, and incidentals necessary to perform Gas Pipeline Operations Construction Projects and Services for a five-year term.

Section 2. The Chief Executive Officer and General Manager, or his designee, is authorized, on behalf of SMUD, to negotiate and award contracts to the highest evaluated responsive proposers, **ARB, Inc.**, **Michels Pacific Energy, Inc.**, and **Snelson Companies, Inc.** (collectively, the **Contracts**), for all supervision, labor, materials, equipment, and incidentals necessary to perform Gas Pipeline Operations Construction Projects and Services for a five-year term from July 1, 2025, to July 1, 2030, for a total aggregate not-to-exceed amount of $20,000,000 across the three **Contracts**.

Section 3. The Chief Executive Officer and General Manager, or his designee, is authorized to make future changes to the terms and conditions of the **Contracts** that, in his prudent judgment: (a) further the primary purpose of

the **Contracts**; (b) is intended to provide a net benefit to SMUD; and (c) does not exceed the authorized contract amount and applicable contingencies.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

RESOLUTION NO. 25-06-11

WHEREAS, in April 2025, SMUD issued Request for Proposal No. Doc5124989046 (RFP) to solicit qualified contractors to provide traffic control services; and

WHEREAS, nine proposals submitted in response to the RFP were evaluated, of which six proposals were responsive; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. As a result of such examination, **WBE Traffic Control LLC**, **Capitol Barricade, Inc.**, **Statewide Traffic Safety & Signs dba AWP Safety**, **Traffic Management LLC**, **RoadSafe Traffic Systems, Inc.**, and **Greentek Services, LLC**, are hereby determined and declared to the highest ranking proposers to provide traffic control services.

Section 2. The Chief Executive Officer and General Manager, or his designee, is authorized, on behalf of SMUD, to negotiate and award contracts to the highest evaluated responsive proposers, **WBE Traffic Control LLC**, **Capitol Barricade, Inc.**, **Statewide Traffic Safety & Signs dba AWP Safety**, **Traffic Management LLC**, **RoadSafe Traffic Systems, Inc.**, and **Greentek Services, LLC** (collectively, the **Contracts**), to provide traffic control services for a three-year period from July 1, 2025, to July 1, 2028, with two optional one-year extensions, for a total aggregate not-to-exceed amount of $16,000,000 across all six **Contracts**.

Section 3. The Chief Executive Officer and General Manager, or his designee, is authorized to make future changes to the terms and conditions of the **Contracts** that, in his prudent judgment: (a) further the primary purpose of

the **Contracts**; (b) is intended to provide a net benefit to SMUD; and (c) does not exceed the authorized contract amount and applicable contingencies.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

RESOLUTION NO. 25-06-12

WHEREAS, Contract No. 4500137959 with **Wood Mackenzie dba Power Advocate, Inc. (Power Advocate)** was awarded as a sole source contract for the period March 6, 2023, to December 31, 2023, for a not-to-exceed amount of $1,000,000 for consulting services to support the Supply Chain team in three priority areas: 1) supply chain risk management, 2) category sourcing opportunities, and 3) the future of the supply chain procurement team with regard to renewable generation and distributed energy resources categories; and

WHEREAS, Contract Change No. 1 extended the expiration date by four months from December 31, 2023, to April 30, 2024, and increased the contract amount by $500,000, from $1,000,000 to $1,500,000; and

WHEREAS, by Resolution No. 23-10-04, adopted on October 19, 2023, this Board approved Contract Change No. 2 to extend the contract expiration date from April 30, 2024, to March 31, 2026, and to increase the contract not-to-exceed amount by $3,000,000, from $1,500,000 to $4,500,000; and

WHEREAS, Contract Change No. 3 amended the existing Non-Disclosure Agreement to add new confidential data elements to the list of protected data; and

WHEREAS, Contract Change No. 4 increased the contract not-to-exceed amount by the allowable contingency amount of $450,000; and

WHEREAS, further development, planning, and execution of contracting strategies for critical infrastructure, equipment, and services are critical in helping SMUD successfully navigate challenging market conditions and support energy transition projects; and

WHEREAS, increasing the contract amount by $3,000,000 and extending the expiration date to December 31, 2027, will allow SMUD to move forward with strategic planning and development efforts; and

WHEREAS, the pricing is considered fair and reasonable as SMUD has negotiated a 4% discount to the rates for a cost savings of approximately $120,000 over the remaining term of the contract; and

WHEREAS, it would be an idle act to formally competitively bid the procurement of consulting services since **Power Advocate** is uniquely positioned to support this work in that they pair extensive knowledge of global energy markets with their unique cost and supply chain intelligence technology as a service that no other consulting firm has the depth and breadth of expertise coupled with the market intelligence and technology as a service; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. That this Board hereby authorizes the Chief Executive Officer and General Manager, or his designee, to execute Contract Change No. 5 to extend the contract expiration date from March 31, 2026, to December 31, 2027, and to increase the contract not-to-exceed amount for consulting services by $3,000,000, from $4,950,000 to $7,950,000, for Contract No. 4500137959 with **Wood Mackenzie dba Power Advocate, Inc.**

Section 2. The Chief Executive Officer and General Manager, or his designee, is authorized to make future changes to the terms and conditions of the contract that, in his prudent judgment: (a) further the primary purpose of the contract; (b) are intended to provide a net benefit to SMUD; and (c) do not exceed the authorized contract amount and applicable contingencies.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

RESOLUTION NO. 25-06-13

AUTHORIZING A LETTER OF CREDIT WITH BARCLAYS BANK PLC FOR COMMERCIAL PAPER NOTES, SERIES L UP TO $150,000,000

WHEREAS, this Board adopted Resolution No. 11-12-05 (authorizing, among other things, the issuance of SMUD's Commercial Paper Notes, Series L in two subseries (collectively, the "Series L Notes") in a principal amount not to exceed $100,000,000 outstanding at any one time under (a) Articles 6a and 6b of Chapter 6 of the Municipal Utility District Act (California Public Utilities Code Section 12850 et seq.), (b) Chapter 7.5 of the Municipal Utility District Act (California Public Utilities Code Section 13371 et seq.) and (c) Article 11 of Chapter 3 of Part 1 of Division 2 of Title 5 of the California Government Code (California Government Code Section 53580 et seq.);

WHEREAS, this Board adopted Resolution No. 22-02-05 increasing the aggregate principal amount of the Series L Notes that may be outstanding at any one time under the Original Resolution up to $150,000,000 and approving the Amended and Restated Reimbursement Agreement with Barclays Bank PLC to support a Letter of Credit for the Series L Notes in the amount of $150,000,000 effective February 23, 2022 (the "**Letter of Credit**"); and

WHEREAS, the **Letter of Credit** expires August 1, 2025; and it is in SMUD's best interest to extend it for an additional three (3) years.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Sacramento Municipal Utility District, as follows:

Section 1. That the Chief Executive Officer and General Manager, or his designee, is authorized on behalf of SMUD to negotiate and execute an amendment to and three-year extension of the **Letter of Credit** with Barclays Bank PLC in an aggregate principal amount not to exceed $150,000,000, and any documents necessary to complete the transaction.

Section 2. The Chief Executive Officer and General Manager, or his designee, is authorized to make future changes to the terms and conditions of the **Letter of Credit** that, in his prudent judgment: (a) further the primary purpose of the **Letter of Credit**; (b) are intended to provide a net benefit to SMUD; and (c) do not exceed the authorized principal amount.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

Attachment E
to Resolution No. 25-06-13

FEE LETTER AMENDMENT

June __, 2025

Sacramento Municipal Utility District
6201 S Street
Sacramento, California 95817-1899

Ladies and Gentlemen:

Reference is hereby made to that Third Amended and Restated Fee Letter, dated as of February 1, 2022 (the "Fee Letter"), between the Sacramento Municipal Utility District ("SMUD") and Barclays Bank PLC (the "Bank"), relating to the Amended and Restated Reimbursement Agreement, dated as of February 1, 2022, between SMUD and the Bank (the "Agreement"), and the Irrevocable Letter of Credit No. SB-04183, dated February 23, 2022 (the "Letter of Credit"), issued pursuant to the Agreement, in favor of U.S. Bank National Association, as Paying Agent depositary and issuing and paying agent, securing the Sacramento Municipal Utility District, Commercial Paper Notes, Series L (the "Notes"). Any capitalized term used herein and not defined shall have its respective meaning as set forth in the Agreement or the Fee Letter.

SMUD has requested that the Stated Expiration Date of the Letter of Credit be extended to September 1, 2028 and that certain changes be made to the Fee Letter. The Bank has agreed to the changes set forth in the Notice of Extension of Stated Expiration Date dated June __, 2025 and certain changes to the Fee Letter. The undersigned, a duly authorized officer of the Bank hereby advises you that:

1. We hereby agree that,

(a) commencing on and including [August 1, 2025], the table contained in Section 1.1(ii) of the Fee Letter is hereby amended in its entirety to read as follows:

"LEVEL	MOODY'S RATING	S&P RATING	FITCH RATING	LETTER OF CREDIT FEE RATE
Level 1	Aa3 or above	AA- or above	AA- or above	0.29%
Level 2	A1	A+	A+	0.39%
Level 3	A2	A	A	0.49%
Level 4	A3	A-	A-	0.59%
Level 5	Baa1	BBB+	BBB+	0.69%
Level 6	Baa2	BBB	BBB	0.79%
Level 7	Baa3 or below	BBB- or below	BBB- or below	0.89%"

(b) the second sentence of the paragraph after the table in clause (ii) of Section 1.1 of the Fee Letter is hereby amended to read as follows:

"In the event of a split rating (*i.e.*, one of the Rating Agencies' Rating is different than the Rating of either of the other Rating Agencies), the Letter of Credit Fee Rate shall be based upon the Level in which the lowest Rating appears."

(c) Section 1.5 of the Fee Letter is hereby amended in its entirety to read as follows:

"*Section 1.5 Termination Fee; Reduction Fee.* (a) SMUD hereby agrees to pay to the Bank a termination fee in connection with any termination or replacement of the Letter of Credit by SMUD prior to August 1, 2026, in an amount equal to the product of (1) the Letter of Credit Fee Rate in effect on the date of such termination or replacement, (2) the Stated Amount in effect as of the date of termination and (3) a fraction, the numerator of which is equal to the number of days from and including the date of such termination or replacement to and including August 1, 2026, and the denominator of which is 360 (the "*Termination Fee*"), payable on the date of such termination or replacement. Notwithstanding the foregoing or any provision in the Agreement to the contrary, SMUD may terminate or replace the Letter of Credit in accordance with the Note Resolution at any time without payment of the Termination Fee if such termination or replacement is as a result of (i) Moody's having lowered the short-term debt rating of the Bank below *"P-1"* (or its equivalent), Fitch having lowered its short-term debt rating of the Bank below *"F1"* (or its equivalent) or S&P having lowered its short-term debt rating of the Bank below *"A-1"* (or its equivalent), (ii) the Bank imposing increased costs on SMUD in accordance with Section 2.14 of the Agreement, or (iii) the ability of SMUD to issue Notes being terminated or SMUD's commercial paper program being permanently retired and so long as no portion of the source of funds for such termination of the ability of SMUD to issue Notes or the permanent retirement of the commercial paper program represents proceeds of commercial paper or similar short-term indebtedness supported by a letter of credit, liquidity facility or another form of liquidity support or credit enhancement or directly purchased by a bank or other financial institution; *provided, however*, that all amounts payable hereunder and under the Agreement shall be paid to the Bank on or prior to the date of such termination.

(b) Notwithstanding the foregoing and anything set forth herein or in the Agreement to the contrary, SMUD agrees not to permanently reduce the Stated Amount below the Stated Amount in effect as of the date hereof prior to August 1, 2026, without the payment by SMUD to the Bank of a reduction fee in connection with each and every permanent reduction of the Stated Amount in an amount equal to the product of (A) the Letter of Credit Fee Rate in effect on the date of such reduction, (B) the difference between the Stated Amount (without regard to any reduction of the Stated Amount subject to reinstatement) prior to such reduction and the Stated Amount (without regard to any reduction of the Stated Amount subject to reinstatement) after such reduction, and (C) a fraction, the numerator of which is equal to the number of days from and including the date of such reduction to and including August 1, 2026, and the denominator of which is

360 (the "*Reduction Fee*"). Notwithstanding the foregoing or any provision in the Agreement to the contrary, SMUD may reduce the Stated Amount without payment of the Reduction Fee if such reduction is a result of a permanent reduction in SMUD's ability to issue Notes and so long as no portion of the source of funds for such reduction represents proceeds of commercial paper notes or similar short-term indebtedness supported by a letter of credit, liquidity facility or another form of liquidity support or credit enhancement or directly purchased by a bank or other financial institution."

2. Representations. SMUD hereby represents and warrants to the Bank that:

(a) it is duly organized and validly existing under the laws of the jurisdiction of its organization or incorporation and, if relevant under such laws, is in good standing;

(b) it has the power to execute and deliver this Fee Letter Amendment and to perform its obligations under the Agreement and Fee Letter, as amended by this Fee Letter Amendment, and has taken all necessary action to authorize such execution, delivery and performance;

(c) it is entering into this Fee Letter Amendment as principal;

(d) the person signing this Fee Letter Amendment on its behalf is duly authorized to do so;

(e) it has obtained all governmental and other consents and authorizations that it is required to obtain in connection with its execution and delivery of this Fee Letter Amendment, all such consents and authorizations are in full force and effect and all conditions of any such consents and authorizations have been complied with;

(f) such execution, delivery and performance do not violate or conflict with any law applicable to it, any provision of its articles and by-laws, any order or judgment of any court or other agency of government applicable to it or any of its assets or any contractual restriction binding on or affecting it or any of its assets; and

(g) its obligations under the Agreement and the Fee Letter, as amended by this Fee Letter Amendment, constitute its legal, valid and binding obligations, enforceable in accordance with their respective terms (subject to applicable bankruptcy, reorganization, insolvency, moratorium or similar laws affecting creditors' rights generally and subject, as to enforceability, to equitable principles of general application, regardless of whether enforcement is sought in a proceeding in equity or in law).

3. SMUD agrees to pay the fees of counsel for the Bank, in the amount of $_____, incurred in connection with the preparation, negotiation, execution and delivery of this Fee Letter Amendment.

4. Except as specifically provided in paragraph (1) hereof, all of the terms and conditions of the Fee Letter are in all respects ratified and confirmed and the terms, provisions and conditions thereof are and shall remain in full force and effect. From and after the date hereof all references to the Fee Letter shall mean such letter as amended by the terms of this Fee Letter Amendment.

5. This Fee Letter Amendment is an integral part of the Agreement and the Fee Letter and shall be governed by and be subject to the terms and provisions of the Fee Letter and the Agreement, all of which are hereby incorporated by reference.

IN WITNESS WHEREOF, the undersigned, on behalf of the Bank, has executed and delivered this Fee Letter Amendment as of the ____ day of June, 2025.

BARCLAYS BANK PLC

By_____
Hiran Cantu
Authorized Signatory for and on behalf of Barclays Bank PLC

Accepted and agreed to as of the date
first written above:

SACRAMENTO MUNICIPAL UTILITY DISTRICT

By:_____
Name:
Title:

RESOLUTION NO. 25-06-14

WHEREAS, the **Sacramento Municipal Utility District Financing Authority (SFA)** is a joint powers agency formed by the Sacramento Municipal Utility District **(SMUD)** and the Modesto Irrigation District **(MID)**, and which owns and operates the **Cosumnes Power Plant**, the **Carson Power Plant**, the **Procter & Gamble Power Plant**, the **Campbell Power Plant**, and the **McClellan Power Plant**; and

WHEREAS, SMUD contracts with **SFA** for generation, interconnection, land leasing, and other agreements related to the above referenced plants; and

WHEREAS, SFA will be requesting from its Commission authorization to negotiate and execute any and all contracts and documents necessary to effectuate the transfer to **SMUD** of **SFA's** assets and obligations, including but not limited to the **Cosumnes Power Plant**, **Carson Power Plant**, **Procter & Gamble Power Plant**, **Campbell Power Plant**, and **McClellan Power Plant**; and

WHEREAS, transferring these power generation assets will not entail a change in the operation and maintenance or the operating conditions of the assets, and will not, therefore, have the potential to cause a significant impact on the environment; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

That this Board hereby authorizes the Chief Executive Officer and General Manager, or his designee, to negotiate and execute any and all contracts and documents necessary to effectuate the transfer to the **Sacramento Municipal Utility District (SMUD)** the assets and obligations of the **Sacramento Municipal Utility District Financing Authority (SFA)**, including but not limited to the **Cosumnes Power Plant**, the **Carson Power Plant**, the **Procter &**

Gamble Power Plant, the **Campbell Power Plant**, and the **McClellan Power Plant**.

Approved: June 19, 2025

INTRODUCED: DIRECTOR HERBER				
SECONDED: DIRECTOR KERTH				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

President Fishman turned to Discussion Calendar Item 18, discussion and possible approval of draft rate resolutions introduced at the June 4, 2025, Board of Directors meeting to make changes to SMUD's Rates, Rules and Regulations and Open Access Transmission Tariff (OATT) proposed by the Chief Executive Officer and General Manager's Report and Recommendation on Rates and Services (Volumes 1 & 2) dated March 20, 2025, and the Chief Executive Officer and General Manager's Report and Recommendation on OATT (Volume 1) dated March 20, 2025, together the "CEO & GM Reports."

Alcides Hernandez, Manager of Revenue Strategy, gave a presentation regarding Discussion Calendar Item 18. A copy of the slides used in his presentation is attached to these minutes.

Roger Blackwell stated his belief that the ratepayers in Sacramento were treated like cash cows. He noted SMUD had power purchase agreements with D.E. Shaw but questioned why SMUD did not build its own system. He suggested removing restrictions on rooftop solar and suggested getting a battery for solar.

President Fishman thanked Mr. Blackwell for his comments and offered to have staff meet with Mr. Blackwell to discuss programs that might reduce his bill.

Public comment, copies of which are attached to these minutes, was submitted by the following member of the public:

- Steve Uhler

After some discussion, Director Sanborn moved for approval of Discussion Calendar Item 18, Vice President Tamayo seconded, and Resolution Nos. 25-06-15 and 25-06-16 were unanimously approved.

RESOLUTION NO. 25-06-15

WHEREAS, on March 20, 2025, the Chief Executive Officer and General Manager released the "Chief Executive Officer & General Manager's Report and Recommendation on Rates and Services, *Volumes 1 and 2*" (the CEO & GM Report), which is incorporated by reference herein; and

WHEREAS, by Resolution 25-03-03, adopted March 20, 2025, a public hearing on the CEO & GM Report was scheduled for June 4, 2025, at 6:00 p.m.; and

WHEREAS, notices of the hearing were duly published in the *Sacramento Bee* on March 27, April 2 and April 8, 2025; and

WHEREAS, pursuant to SMUD Ordinance No. 15-1, SMUD conducted the two required public workshops on April 30, 2025, and May 13, 2025, to receive and respond to customer comments and questions; and

WHEREAS, in compliance with Government Code Section 54999, SMUD sent 174 written notifications by certified mail on April 23, 2025, and April 24, 2025, describing the rate proposal to local school districts, county offices of education, community college districts, California State University, the University of California, and state agencies; and

WHEREAS, SMUD held two qualifying public workshops, contacted over 1,500 community organizations and neighborhood associations leaders via email, letter or phone call invitations to offer an in-person presentation, sent emails to over 271,000 customers and organizations, conducted over 40 individual presentations to community neighborhood and business organizations, over 1,100 community and business partners were provided content and were asked to share information regarding the rate proposal with their members and networks, and an additional 53 local agency elected officials were sent information packets with an offer of in-person presentations, which resulted in no meetings being held; and

WHEREAS, SMUD provided all customers information about the rate proposal via email, mail newsletters, and through the rate change proposal

website on www.smud.org/RateInfo, which received approximately 1,570-page views; and

WHEREAS, SMUD received from members of the public written questions, as well as comments and alternative recommendations to the rate changes proposed; and

WHEREAS, the public hearing was held on June 4, 2025, and was conducted in a hybrid format; on Zoom.gov and at SMUD Headquarters. All interested persons were given an opportunity to comment and submit testimony; and

WHEREAS, pursuant to SMUD Ordinance No. 15-1, this resolution was introduced on June 4, 2025 by this Board to be circulated for a minimum of ten calendar days for public review, input, and comment; and

WHEREAS, the CEO & GM Report set forth in detail the factors necessitating the proposed rate action, including the need to meet SMUD's financial targets in years 2026 and 2027, consisting of:

- Commodity costs are increasing by $34 million over the next two years to ensure we can meet our electricity needs at all times and meet new state Renewables Portfolio Standard (RPS) requirements. SMUD is investing in clean energy resources like more wind, solar, geothermal, battery storage to meet updated state requirements and keep the grid reliable and safe, while also supporting our 2030 Zero Carbon Plan goals; and
- Capital spending to support and maintain reliability while meeting the demands of a growing population and evolving energy needs. Because we borrow for a portion of our capital spending, the rate impact is based on the additional interest costs of the borrowing. Borrowing helps keep rate increases lower because it spreads the cost of the capital projects over many years. These projects include $280 million for new generation and storage projects for RPS compliance, $251 million for substation and line capacity projects to ensure

reliability, and $90 million for the Folsom Administrative Operations Building to support the delivery of reliable service to our region; and

- Increasing wildfire mitigation costs and inflation impacts are rising $22 million. These expenditures are aimed at preventing and mitigating wildfires, as well as addressing the increased costs of essential materials and services due to higher inflation; and

WHEREAS, SMUD continues to use a risk-based approach to prioritize spending while looking to find ways to offset higher costs and ensure that the required rate increases stay within general inflation; and

WHEREAS, SMUD continues an Operational Excellence process to identify ways to deliver significant, sustainable savings and create permanent cost reductions and operational efficiencies, such as saving $33 million in ongoing interest savings from refunding our bonds with lower interest rates, refunding a commodity prepayment bond and forming a captive for insurance coverage; and

WHEREAS, it is necessary for SMUD to increase all rate components of its retail rates by 3% for all rates except for the proposed optional residential rate effective January 1, 2026, and 3% for all rates except for the proposed optional residential rate effective January 1, 2027, to continue to meet the objectives and metrics set forth in this Board's Strategic Directions; and

WHEREAS, the recommendations in the CEO & GM Report include a new optional residential rate, Time-of-Day (Low Use), designed for customers with small electrical panels and low energy usage. Most customers with panel sizes less than or equal to 125 amps that use less than approximately 465 kWh on average per month, use less of the grid than other customers. The Time-of-Day (Low Use) rate, effective June 20, 2025, offers a reduced System Infrastructure Fixed Charge (SIFC) of $17 per month with higher per kilowatt-hour energy prices to make it revenue neutral. SMUD is offering this optional rate

in its ongoing commitment to offering fair and equitable rates and providing customers flexibility and choices; and

WHEREAS, in order to keep the SIFC at $17, it is necessary for SMUD to increase the energy usage charges of the proposed optional residential Time-of-Day (Low Use) rate by 3.88% effective January 1, 2026, and 3.85% effective January 1, 2027, which increases revenue the equivalent of a 3% increase on all rate components, and helps us continue to meet the objectives and metrics set forth in this Board's Strategic Directions; and

WHEREAS, the recommendations in the CEO & GM Report include modifying Rate Schedule Distribution Wheeling Service (DWS), effective June 20, 2025, to reflect the new updated rates as determined by the Open Access Transmission Tariff (OATT) rates; and

WHEREAS, the recommendations in the CEO & GM Report include modifying the language in the Standby Service Charge Section of Rate Schedules AG, CI-TOD1, CI-TOD2, CI-TOD3, CI-TOD4, R, and R-TOD to make the language consistent across all tariffs; and

WHEREAS, the recommendations in the CEO & GM Report include adding language to Rule 6 to clarify SMUD's current practice of transferring unpaid charges to a customer's active bill before involving a collection agency; and

WHEREAS, the recommendations in the CEO & GM Report include updating Rule 16 to make it consistent with current business practices by clarifying both SMUD's and the customer's responsibilities regarding who installs, owns, and maintains equipment. The recommendations also include removing Section XII. Service to Annexation Customers, as it is no longer relevant; and

WHEREAS, the recommendations in the CEO & GM Report, on balance, meet the competitive rate targets and the rate design metrics in Strategic Direction 2 (SD-2), Competitive Rates, including:

- The Board establishes a rate target of 18 percent below Pacific Gas & Electric Company's published rates on a system average basis. In addition, the Board establishes a rate target of at least

10 percent below PG&E's published rates for each customer class;

- SMUD's rates shall be competitive with other local utilities on a system average rate basis;
- In addition, SMUD's rates shall be designed to balance and achieve the following goals:
  - Reflect the cost of energy when it is used or exported to the SMUD grid;
  - Reduce consumption during periods of high system demand;
  - Encourage energy efficiency, conservation and carbon reduction;
  - Encourage cost effective and environmentally beneficial Distributed Energy Resources (DERs) (examples of DERs include but are not limited to rooftop solar, battery storage and energy reduction applications);
  - Minimize the rate of change in the transition from one rate design to another;
  - Provide customers flexibility and choices;
  - Be as simple and easy to understand as possible;
  - Address the needs of people with low incomes and severe medical conditions; and
  - Equitably allocate costs across and within customer classes; and

WHEREAS, the recommendations in the CEO & GM Report will ensure SMUD meets or exceeds the financial targets in Strategic Direction 3, Access to Credit Markets, and continues to meet the metrics and targets in the other Strategic Direction adopted by this Board, including those addressing reliability, customer relations, environmental leadership, and resource planning; and

WHEREAS, the recommendations to increase all rate components of SMUD retail rates 3% on January 1, 2026 and 3% on January 1, 2027 for all

customer classes, except for the Time-of-Day (Low Use) rate which increases the energy usage charges by 3.88% and 3.85%, respectively, with no rate increase to the SIFC, are made to reflect SMUD's cost increases of proportionate impact on all customer classes on average and therefore does not require an examination of the allocation of costs among customer classes or of class definitions; and

WHEREAS, SMUD proposes a new optional Time-of-Day (Low Use) rate for customers with a panel size of 125 amps or less to reflect the fact that such customers generally use less energy and the grid than those customers with larger panels. To ensure a 3% revenue increase, the energy usage charges will increase 3.88% on January 1, 2026 and 3.85% on January 1, 2027, while the SIFC will be set at a reduced $17 per month with no annual rate increase. The proposed rate is revenue neutral, and therefore will remain tethered to cost-of-service principles, especially the reasonable allocation among customer classes. Because the rate was designed to follow cost-of-service principles and be revenue neutral, the proposed optional Time-of-Day (Low Use) rate does not violate Proposition 26; and

WHEREAS, the recommendation to update the distribution wheeling service charges by voltage, which just recovers the cost of distribution wheeling service and therefore does not violate Proposition 26; and

WHEREAS, this Board has carefully considered the CEO & GM Report public comment, input, and alternatives from community meetings, public rate workshops, the noticed public hearing, and comments received by mail, telephone and email; and

WHEREAS, this Board finds that the proposed action is reasonable and in the best interests of the public and SMUD's customers; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF SACRAMENTO MUNICIPAL UTILITY DISTRICT:

RATE INCREASE FOR RESIDENTIAL RATES:

Effective January 1, 2026, adopt an increase in all rate components of residential service rates by 3%, except for the proposed Time-of-Day (Low

Use) rate, which will have a rate increase of 3.88% on the electricity usage charges and no rate increase on the SIFC.

Effective January 1, 2027, adopt an increase in all rate components of residential service rates by 3%, except for the proposed Time-of-Day (Low Use) rate, which will have a rate increase of 3.85% on the electricity usage charges and no rate increase on the SIFC.

Prices in the tariffs may reflect minor rounding differences.

Revisions described above are detailed in the attached Rates, Rules and Regulations.

OPTIONAL RESIDENTIAL RATE:

Effective June 20, 2025, add Subsection B to Section I in Rate Schedule R-TOD as follows:

B. Optional Time-of-Day (Low Use) Rate (rate category RTL1)

1. The Time-of-Day (Low Use) Rate is an optional rate for residential customers that use a low amount of energy. Customers must have a panel size less than or equal to 125 amps to be eligible for this rate. This optional rate will be available as of January 1, 2026.

2. This rate has five kilowatt-hour (kWh) prices, depending on the time of day and season as shown in Section V. Billing Periods along with the holidays.

Effective June 20, 2025, add Subsection B to Section II of Rate Schedule R-TOD to show the following prices for the Time-of-Day (Low Use) rate, which includes a lower SIFC of $17 per month and higher electricity usage charges.

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
Time-of-Day (Low Use) Rate (RTL1)			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	n/a	$17.00	$17.00
Electricity Usage Charge			
Peak *$/kWh*	n/a	$0.2148	$0.2231
Off-Peak *$/kWh*	n/a	$0.1654	$0.1718
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	n/a	$17.00	$17.00
Electricity Usage Charge			
Peak *$/kWh*	n/a	$0.4154	$0.4314
Mid-Peak *$/kWh*	n/a	$0.2514	$0.2610
Off-Peak *$/kWh*	n/a	$0.1920	$0.1993

Effective June 20, 2025, modify the title of Section II, Subsection C to include rate category RTL1.

Revisions described above are detailed in the attached Rates, Rules and Regulations

RATE INCREASE FOR AGRICULTURAL AND COMMERCIAL & INDUSTRIAL RATES:

a. Effective January 1, 2026, Commercial & Industrial Time-of-Day, General Service Temperature Dependent, Agricultural Service, updated Distribution Wheeling Services, and Combined Heat & Power Distributed Generation rates (Rate Schedules AG, CHP, CI-TOD1, CI-TOD2, CI-TOD3, and CI-TOD4, DWS and GS-TDP) shall be increased by 3% through the following components:

- Electricity Usage Charges;
- System Infrastructure Fixed Charges;
- Summer Peak Demand Charges;
- Site Infrastructure Charges;
- Maximum Demand Charges;
- Standby Service Charges;
- Power Factor and other miscellaneous charges;
- Distribution Wheeling Charges;
- Reserved Capacity Charges/Rates.

b. Effective January 1, 2027, Commercial & Industrial Time-of-Day, General Service Temperature Dependent, Agricultural Service, Distribution Wheeling Service, and Combined Heat & Power Distributed Generation rates, (Rate Schedules AG, CHP, CI-TOD1, CI-TOD2, CI-TOD3, and CI-TOD4, DWS and GS-TDP) shall be increased by 3% through the following components:

- Electricity Usage Charges;
- System Infrastructure Fixed Charges;
- Summer Peak Demand Charges;
- Site Infrastructure Charges;
- Maximum Demand Charges;

- Standby Service Charges;
- Power Factor and other miscellaneous charges;
- Distribution Wheeling Charges;
- Reserved Capacity Charges/Rates.

Prices in the tariffs may reflect minor rounding differences.

Revisions described above are detailed in the attached Rates, Rules and Regulations.

RATE INCREASE FOR STREET/TRAFFIC/LIGHTING RATES

a. Effective January 1, 2026, Lighting Services (Rate Schedules SLS, TSS, TC ILS and NLGT) billing components shall be increased by 3%. The rate increases do not apply to monthly leasing and maintenance charges for street lighting lamps and fixtures, which are reviewed annually.

b. Effective January 1, 2027, Lighting Services (Rate Schedules SLS, TSS, TC ILS and NLGT) billing components shall be increased by 3%. The rate increases do not apply to monthly leasing and maintenance charges for street lighting lamps and fixtures, which are reviewed annually.

The prices in the tariff may reflect minor rounding differences.

Revisions described above are detailed in the attached Rates, Rules and Regulations.

MODIFICATIONS TO RATE SCHEDULE DWS:

a. Effective June 20, 2025, modify the distribution wheeling service charges by voltage to reflect the increased cost of service, as follows:

kV	**2025 $/kilowatt-month**
12/21	$15.252
69	$3.538

Revisions described above are detailed in the attached Rates, Rules and Regulations

MODIFICATION TO STANDBY SERVICE CHARGE LANGUAGE

Effective June 20, 2025, update Section IV, Subsection A of Rate Schedule AG as follows:

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. ~~These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for SMUD-provided power.~~

Effective June 20, 2025, update Section IV, Subsection D of Rate Schedule CI-TOD1 as follows:

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule~~, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, Maximum Demand Charge, Summer Peak Demand Charges and electricity usage charges for SMUD-provided power~~.

Effective June 20, 2025, update Section IV, Subsection D of Rate Schedule CI-TOD2 as follows:

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. ~~These charges include System Infrastructure Fixed Charges, Site Infrastructure Charges, Summer Peak Demand Charges, as well as electricity usage charges for SMUD-provided power.~~

Effective June 20, 2025, update Section IV, Subsection D of Rate Schedule CI-TOD3 and CI-TOD4 as follows:

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule~~, including, but not limited to, System Infrastructure Fixed Charges, Site Infrastructure Charges, Summer Peak Demand Charges, and electricity usage charges for SMUD-provided power~~.

Effective June 20, 2025, update Section IV, Subsection E of Rate Schedule R as follows:

*In addition to the Standby **Service** Charge, SMUD will continue to bill for all applicable charges under this rate **schedule**. ~~These charges include SIFC and electricity usage charges for SMUD-provided power.~~*

Effective June 20, 2025, update Section IV, Subsection D of Rate Schedule R-TOD as follows:

*In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under **this rate schedule**. ~~the selected residential TOD 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 TOD rates.~~*

Revisions described above are detailed in the attached Rates, Rules and Regulations.

MODIFICATIONS TO RULE 6:

Effective June 20, 2025, modify Section V of Rule and Regulation 6 as follows:

V. Payment of Delinquent Bills ~~Required Before Service Is Supplied~~

SMUD has the right to transfer a customer's unpaid charges for electric service to an active bill prior to being assigned to a collection agency.

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.

Revisions described above are detailed in the attached Rates, Rules and Regulations.

MODIFICATIONS TO RULE 16:

Effective June 20, 2025, modify Section VI of Rule and Regulation 16 as follows:

VI. Service at Secondary Voltage

A. Overhead Service

In those areas where it has been determined that SMUD will continue to serve its customer's overhead distribution and where SMUD's distribution pole line is located on a street, highway, lane, alley, road, or private easement immediately contiguous to the customer's premises, SMUD will, at its expense, furnish, ~~and~~ install, ***and own*** *a service drop from its pole line to the nearest point of attachment to the customer's building or other permanent support provided by the customer, at a point to be approved by SMUD.*

B. Underground Service

In designated underground areas, SMUD will connect to underground service runs furnished, ~~and~~ installed, ***owned, and maintained*** *by the customer, at the customer's expense, at a service location specified by SMUD. Service run facilities shall include conductor to reach the service location, shall be subject to applicable City and County ordinances, and shall be subject to approval by SMUD as to design and specifications. No customer will be required to install facilities* ***they own and maintain*** *beyond a location in the public utility right of way adjacent to their property. Cost recovery of underground distribution facilities within a development will conform to the provisions of section IV. of this Rule and Regulation.*

Effective June 20, 2025, remove Section XII of Rule and Regulation 16:

~~*XII. Service to Annexation Customers*~~

~~*SMUD will maintain existing service conductor previously installed by Pacific Gas and Electric Company to commercial/industrial services until such time as the customer modifies, alters, or changes the existing electrical service equipment. It will be the customer's responsibility to provide additional duct when necessary.*~~

Revisions described above are detailed in the attached Rates, Rules and Regulations.

ALTERNATIVE RECOMMENDATION 1: SMUD received a recommendation to charge residential customers for power factor to reduce cost shifting, with a power factor charge requiring better metering and leading to more equitable rates.

This Board has considered this alternative recommendation 1 and has determined not to adopt the alternative recommendation for the following reasons:

- The goal of SD-2 is to maintain competitive rates, and states SMUD's rates shall be designed to balance and achieve nine goals, including to be as simple and easy to understand as possible. The widely accepted industry standard among electric utilities is utilizing kWh and kW as a measure of electricity sales and demand, respectively. Power factor is not typically used as a billing component for residential customers, and would be a new concept for customers to learn. Alternative recommendation 1 is complex and would be difficult to explain to residential customers. As such, it would not meet the SD-2 principle of being as simple and easy to understand as possible.
- Our commercial rate customers are already being assessed and charged a power factor adjustment or waiver, as they have more control over their

power factor. The power factor charge is not standard for residential rate customers. It would require a significant amount of customer outreach to educate residential customers on what the power factor charge is and how it is assessed.

- Residential meters primarily measure active power in kW and do not generally record reactive power, or kVar. While we are in the process of upgrading approximately 150,000 meters that will have the capability of recording reactive power, this impacts less than one quarter of our residential customers. Charging only a fraction of our customers a power factor charge would not be fair or equitable to our customers and would violate SD-2 principles. Upgrading the remaining meters to include reactive power capability would require a significant investment, potentially leading to higher rates for our customers. Balancing the benefits of this technology with its financial impact is essential to maintaining affordable service.
- A lower power factor increases the demand for grid infrastructure to meet power needs, but addressing this on an individual residential customer level is impractical due to the small load each customer contributes. Instead, we improve low power factor issues at the distribution circuit level, which is far more efficient and less expensive than at individual customer meters. Customers generally lack control over the power factor of their appliances and equipment, and imposing individual charges would not enhance energy consumption, efficiency, or the use of distributed energy resources (DERs). Furthermore, this approach would limit customer flexibility and contradict our SD-2 principle of simplicity.
- Implementing a power factor charge would require a change in bill presentment and our billing system, along with a bill impact analysis which would require significant analysis and investment, potentially leading to higher rates for our customers.

ALTERNATIVE RECOMMENDATION 2: SMUD received a recommendation to improve efficiency (loading order), implement better material

resource planning by replacing its resource planning system, and create a standing committee for process improvement to receive a Deming Prize Award. This Board considered this alternative recommendation 2 and has determined it is not relevant to the 2025 CEO & GM Report.

ALTERNATIVE RECOMMENDATION 3: SMUD received a recommendation to raise rates one percent (1%) instead of three percent (3%). This Board has considered this alternative recommendation 3 and has determined not to adopt the alternative recommendation for the following reasons:

- Maintaining a strong financial plan for years 2026 and 2027, and in the future, is critical. If we did not increase rates 3% as proposed, it would result in inadequate revenues for 2026 and 2027 to meet financial obligations.
- Among other things, this would reduce the ability to meet California's Renewables Portfolio Standard requirements, and add risk to SMUD's system reliability, which are key drivers of the rate increase.
- Not increasing rates as proposed, or even postponing the implementation of the proposed rate increases, would negatively impact SMUD's financial position by reducing net income, fixed charge ratio and days cash outstanding metrics. These financial metrics are monitored by the rating agencies. A degradation to SMUD's financial metrics could result in the rating agencies downgrading SMUD's credit rating, which would increase costs of borrowing which is needed to fund capital projects, and the increased borrowing costs would make future rate increases higher. The alternative recommendation would negatively impact future rate increases, as avoiding small rate increases now would result in a larger rate increase in the future given projections indicate that the cost of power and goods

and services will be much higher than 1% for years 2026 and 2027. This would create significant bill impacts to all customers in the future.

ALTERNATIVE RECOMMENDATION 4: SMUD received a recommendation to make the Solar and Storage Rate (SSR) export compensation vary by time-of-day time periods.

This Board considered this alternative recommendation 4 and has determined it is not relevant to the 2025 CEO & GM Report.

MODIFICATIONS: The Chief Executive Officer and General Manager, or his or her designee, is authorized to make non-substantive revisions to the Rates, Rules and Regulations.

ENVIRONMENTAL COMPLIANCE:

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 add an optional rate – TOD (Low Use) –, 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 actions to increase the residential, agricultural, commercial & industrial, and street/traffic/lighting rates, 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 The proposed action to modify the distribution wheeling service charges under Rate Schedule DWS, 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.

6.0 The proposed action to modify the Standby Service Charge language, 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 modify Rule 6 regarding the recovery of unpaid charges, 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 modify Rule 16 to clarify responsibilities for certain equipment, 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.

The new and revised Rate Schedules and Rules and Regulations referenced in this Resolution are attached and incorporated herein as **Attachment F.**

To the extent there is a discrepancy between this Resolution and the new and revised Rate Schedules and Rules and Regulations attached

hereto, the new and revised Rate Schedules and Rules and Regulations shall control.

Approved: June 19, 2025

INTRODUCED: DIRECTOR SANBORN				
SECONDED: DIRECTOR TAMAYO				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

Table of Contents

The following listed sheets contain all effective rates, rules and regulations affecting rates and service, and information relating thereto, in effect on and after the date indicated. All rates are applicable to the territory served by SMUD.

	Effective Date	Sheet Number	Page Number
Table of Contents	June 20, 2025	i	
Preliminary Statement	June 20, 2025	ii	
Section 1 - Rate Schedules			
AG Agricultural	June 20, 2025	AG-1-6	1
CHP Combined Heat & Power Distributed Generation	June 20, 2025	CHP-1-3	7
CI-TOD1 Commercial & Industrial Time-of-Day	June 20, 2025	CI-TOD1-1-7	10
CI-TOD2 Commercial & Industrial Time-of-Day	June 20, 2025	CI-TOD2-1-6	17
CI-TOD3 Commercial & Industrial Time-of-Day	June 20, 2025	CI-TOD3-1-6	23
CI-TOD4 Commercial & Industrial Time-of-Day	June 20, 2025	CI-TOD4-1-6	29
DWS Distribution Wheeling Service	June 20, 2025	DWS-1-2	35
GS-TDP General Service Temperature Dependent Pricing and Economic Retention	June 20, 2025	GS-TDP-1-4	37
NLGT Outdoor Lighting Service	June 20, 2025	NLGT-1-2	41
R Residential Service	June 20, 2025	R-1-4	43
R-TOD Residential Time-Of-Day Service	June 20, 2025	R-TOD-1-5	47
SLS Street Light Service	June 20, 2025	SLS-1-4	52
TC ILS Traffic Control – Intersection Lighting Service	June 20, 2025	TC ILS-1	56
TSS Traffic Signal Service	June 20, 2025	TSS-1	57
Section 2 – Rules and Regulations			
6 Billing, Payment of Bills, and Credit	June 20, 2025	06-1-3	58
16 Extension of Facilities to Nonresidential Premises	June 20, 2025	16-1-3	61

Territory Served by SMUD

SMUD supplies electric service in most of Sacramento County and in a portion of Placer County.

Description of Service

A description of service available is contained in SMUD's Rule and Regulation 2.
The service available at any particular location should be ascertained by inquiry at SMUD's Customer Services Department office at 6301 S Street, Sacramento.

Procedure to Obtain Service

Any person or corporation whose premises are within the outer boundaries of SMUD may obtain service by applying for service at the Customer Services Department office establishing credit as hereinafter set forth and complying with SMUD's rules and regulations. Where an extension of SMUD's lines is necessary or whenever unusual service requirements are determined, applicant will be informed as to the conditions under which service will be supplied.

Establishment of Credit and Deposits

After making proper application for electric service, it will be necessary for applicant to establish their credit in accordance with Rule and Regulation 6.

General

l. MEASUREMENT OF ELECTRIC ENERGY
All electric energy supplied by SMUD to its customers shall be measured by means of suitable standard electric meters, except as otherwise specifically provided in SMUD's Rules and Regulations.

2. DISCOUNTS
All rates hereinafter listed are net rates and are not subject to discount unless specifically stated in the Rates.

Agricultural Service
Rate Schedule AG

I. Applicability

This Rate Schedule AG applies to single- or three-phase nonresidential agricultural service, delivered at standard voltages designated by SMUD as available at the customer's premises. The electricity must be for pumping loads where a preponderance of the load is devoted to agricultural purposes such as farm lighting, feed choppers, milking machines, heating for incubators, brooders, and other farm uses; drainage pumping loads where a preponderance of the area drained is agricultural; and irrigation pumping loads for nonagricultural purposes where the entire loads, except for minor incidental uses, are devoted to such pumping.

This schedule is mandatory for agricultural accounts with monthly maximum demand that does not exceed 499 kW for three or more consecutive months. The demand for any month will 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.

II. Firm Service Rate

A. Small Agricultural Service, Nondemand Rates – ASN

This rate applies to agricultural accounts having a monthly maximum demand of 30 kW or less. If the account does not have a meter that registers demand, and monthly usage is at least 12,000 kWh for three consecutive months, a demand meter will be installed. Whenever monthly maximum demand exceeds 30 kW for three consecutive months, the customer will be billed on the applicable demand rate. To return to the nondemand rate, the account's monthly maximum demand must fall below 31 kW and usage must be below 12,000 kWh for 12 consecutive months.

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
ASN			
Winter Season (November - April)			
System Infrastructure Fixed Charge *per month per meter*	$14.30	$14.75	$15.20
Electricity Usage Charge			
All day *$/kWh*	$0.1592	$0.1640	$0.1689
Summer Season (May - October)			
System Infrastructure Fixed Charge *per month per meter*	$14.30	$14.75	$15.20
Electricity Usage Charge			
All day *$/kWh*	$0.1743	$0.1795	$0.1849

B. Large Agricultural Service, Demand Rates – ASD

This rate applies to agricultural accounts having a monthly maximum demand greater than 30 kW but less than 499 kW for three consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. The customer will be billed on the demand-metered rate until the demand falls below 31 kW and energy is less than 12,000 kWh for 12 consecutive months before being returned to the ASN Rate.

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
ASD			
Winter Season (November - April)			
System Infrastructure Fixed Charge *per month per meter*	$33.20	$34.20	$35.20
Site Infrastructure Charge *per 12 months max kW or contract capacity*			
First 30kW	No Charge	No Charge	No Charge
Additional kW per month	$3.289	$3.388	$3.489
Electricity Usage Charge			
Base Usage *8,750 kWh per month*	$0.1761	$0.1814	$0.1868
Base Usage Plus *kWh over 8,750 per month*	$0.1382	$0.1424	$0.1467
Summer Season (May - October)			
System Infrastructure Fixed Charge *per month per meter*	$33.20	$34.20	$35.20
Site Infrastructure Charge *per 12 months max kW or contract capacity*			
First 30kW	No Charge	No Charge	No Charge
Additional kW per month	$3.289	$3.388	$3.489
Electricity Usage Charge			
Base Usage *8,750 kWh per month*	$0.1688	$0.1738	$0.1790
Base Usage Plus *kWh over 8,750 per month*	$0.1221	$0.1258	$0.1296

C. Small Agricultural Optional Time-of-Day – AON

This optional rate is for small agricultural accounts having a monthly maximum demand of 30 kW or less. Customers transferring to the small agricultural Time-of-Day Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
AON			
Winter Season (November - April)			
System Infrastructure Fixed Charge *per month per meter*	$19.25	$19.85	$20.45
Electricity Usage Charge			
On-peak *$/kWh*	$0.1829	$0.1884	$0.1940
Off-peak *$/kWh*	$0.1560	$0.1607	$0.1655
Summer Season (May - October)			
System Infrastructure Fixed Charge *per month per meter*	$19.25	$19.85	$20.45
Electricity Usage Charge			
On-peak *$/kWh*	$0.2652	$0.2732	$0.2814
Off-peak *$/kWh*	$0.1425	$0.1468	$0.1512

D. Large Agricultural Optional Time-of-Day – AOD

This optional rate is for large agricultural accounts with demand greater than 30 kW and less than 499 kW. Customers transferring to the agricultural Time-of-Day Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
AOD			
Winter Season (November - April)			
System Infrastructure Fixed Charge *per month per meter*	$115.70	$119.15	$122.75
Maximum Demand Charge *$ per monthly max kW*	$3.277	$3.375	$3.477
Electricity Usage Charge			
On-peak *$/kWh*	$0.1821	$0.1876	$0.1932
Off-peak *$/kWh*	$0.1547	$0.1593	$0.1641
Summer Season (May - October)			
System Infrastructure Fixed Charge *per month per meter*	$115.70	$119.15	$122.75
Maximum Demand Charge *$ per monthly max kW*	$4.581	$4.718	$4.860
Electricity Usage Charge			
On-peak *$/kWh*	$0.2818	$0.2903	$0.2990
Off-peak *$/kWh*	$0.1502	$0.1547	$0.1593

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. Standby Service Option

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

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) are connected to SMUD's electrical system; and
3. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Standby Service Charge by Voltage Level ($/kW of Contract Capacity per month)	Secondary	Primary	Subtransmission
Effective May 1, 2025	$8.597	$6.832	$3.451
Effective January 1, 2026	$8.855	$7.037	$3.555
Effective January 1, 2027	$9.121	$7.248	$3.661

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule.

The Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR. The Standby Service Charge applies to customers who install, interconnect, and operate their own electrical generation facility and equipment to self-supply all their own power needs as a microgrid service, where SMUD provides only backup electricity.

B. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.

C. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

D. 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. Distribution Service Voltage Definition

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

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

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:

Electricity Usage x [(95% ÷ Power Factor) - 1] x 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

Effective May 1, 2025	$0.0142
Effective January 1, 2026	$0.0146
Effective January 1, 2027	$0.0151

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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

Effective May 1, 2025	$0.3759
Effective January 1, 2026	$0.3872
Effective January 1, 2027	$0.3988

VI. Billing Periods

A. Time-of-Day Billing Periods

Winter season is from November 1 through April 30. Summer season is from May 1 through October 31.

Winter On-Peak	Weekdays between 7:00 a.m. and 10:00 a.m. and 5:00 p.m. and 8:00 p.m.
Summer On-Peak	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:

Holiday	Month	Date
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Juneteenth National Independence Day	June	19
Independence Day	July	4
Labor Day	September	First Monday
Indigenous Peoples' Day/Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VII. 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 price. The Electricity Usage allowances, System Infrastructure Fixed Charge, Maximum Demand Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

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.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when service has been disconnected. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Combined Heat and Power (CHP) Distributed Generation
Rate Schedule CHP

I. Applicability

This Rate Schedule CHP is optional for customers who wish to sell all excess generation to SMUD from an eligible Combined Heat and Power (CHP) generation facility with a capacity of 3 MW or less operating in parallel with SMUD's distribution system, or with a capacity of 20 MW or less operating in parallel with SMUD's subtransmission system. The facility must continuously meet the qualifications in Section IV General Conditions. This schedule applies solely to the excess generation delivered to SMUD.

II. Pricing Structure

Under this schedule, SMUD will pay the customer the applicable price for metered energy delivered by the eligible CHP facility during the time periods specified in this schedule.

A. Excess Generation Prices

The CHP excess generation prices will be posted at SMUD's website, www.smud.org. Prices will be differentiated by delivery voltage, season and time-of-day. CHP excess generation prices will be reset each January 1 and apply for that calendar year to all CHP excess generation delivered to SMUD, regardless of the date of the CHP commissioning and interconnection to SMUD's system, or the effective date of the Power Purchase Agreement (PPA) and Interconnection Agreement.

The CHP excess generation prices reflect SMUD's underlying avoided costs for procurement and delivery of comparable power during the specified terms and time periods. The avoided cost is made up of the following components:

- Market Energy Price
- Losses by voltage level
- Transmission and Distribution

SMUD will typically pay for CHP excess generation based on the voltage at the point of delivery to the SMUD system. However, to the extent that SMUD must step up the excess generation to a higher voltage level in order to serve its customers, the pricing for the excess CHP generation will be based on the higher voltage level.

B. Time-of-Delivery Periods

Season	Months	Super Peak	On Peak	Off Peak
Summer	June - Sept	2:00 to 8:00 p.m. Mon – Sat except holidays	6:00 a.m. to 2:00 p.m. & 8:00 p.m. to 10:00 p.m. Mon - Sat except holidays	All other hours
Fall & Winter	Oct - Feb			
Spring	Mar - May			

Off-peak pricing shall apply during the following holidays:

Holiday	Month	Date
New Year's Day	January	1
Memorial Day	May	Last Monday
Independence Day	July	4
Labor Day	September	First Monday
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

III. Charges

A. Reserved Capacity Charge

The customer shall pay a monthly Reserved Capacity Charge to compensate SMUD for standing ready to supply supplemental service, backup electricity, and other services/electricity during interruptions in the CHP facility's operation. The Reserved Capacity Charge is based on the greater of the following:

- The customer's Maximum Anticipated Demand or actual monthly demand, if higher, multiplied by the Reserved Capacity Rate per kW shown below; or
- The Generator Installed Capacity of the CHP facility multiplied by the Reserved Capacity Rate per kW shown below.

Reserved Capacity Rate *per kW*	**Secondary**	**Primary**	**Subtransmission**
Effective May 1, 2025	$8.274	$8.274	$7.951
Effective January 1, 2026	$8.522	$8.522	$8.190
Effective January 1, 2027	$8.778	$8.778	$8.435

1. Maximum Anticipated Demand
The initial maximum anticipated demand will be the customer's maximum monthly demand in the prior 18 months at the time the PPA is executed.

2. Generator Installed Capacity
The Generator Installed Capacity of the facility will be set forth in the PPA.

3. Reset of Reserved Capacity Basis
If, at any time, the customer's actual monthly demand exceeds the Generator Installed Capacity of the CHP facility, the demand used to calculate the Reserved Capacity Charge will be reset to use the newly established demand as the basis for the charge.

B. Data Communications Charges

The customer shall be responsible for procuring and maintaining any communication link required by SMUD for retrieving meter data. Ongoing data communication charges paid by SMUD on behalf of the customer will be passed through to the customer and will appear on the customer's monthly SMUD bill.

C. Other Charges

SMUD will continue to bill for all appropriate charges under the applicable rate schedule for SMUD supplied power to the customer. These charges include without limitation System Infrastructure Fixed Charge, Electricity Usage charges, surcharges, and taxes. Site Infrastructure Charges and Summer Peak Demand Charges are applicable if the sum of these two charges is greater than the Reserved Capacity Charge. Each month, the Reserved Capacity Charge will be compared to the sum of the Site Infrastructure Charge plus any Summer Peak Demand Charge. On the monthly bill, the customer will be charged the greater of the two calculations, but not both. The monthly bill will also include applicable metering and data communications charges.

IV. Conditions of Service

A. Eligible CHP Facility

To be eligible for this schedule, the CHP facility shall maintain without interruption certification by the California Energy Commission (CEC) as outlined in the CEC's "Guidelines for Certification of Combined Heat and Power Systems Pursuant to the Waste Heat and Carbon Emissions Reduction Act - Public Utilities Code, Section 2840 *Et Seq*." CHP systems placed into operation before January 1, 2008 are not eligible for this schedule.

B. Territory

The CHP facility must be located entirely within SMUD's service territory.

C. Required Contract

An eligible CHP facility operating under this schedule shall execute a Power Purchase Agreement (PPA) with SMUD. The PPA shall be offered for contract durations of up to 10 years at the option of the customer.

D. Participation in Other SMUD Programs

An eligible CHP facility operating under this schedule may not also obtain benefits for the same facility from any of the following:

1. A separate contract with SMUD for deliveries from the same facility; or
2. Incentives from SMUD under customer programs implemented in compliance with SB1 requirements or similar program; or
3. The net metering option for energy deliveries from the same facility.

E. Electrical Interconnection

An eligible CHP facility under this schedule shall be interconnected within SMUD's service territory and shall be required to comply with SMUD's Rule and Regulation 21 process for interconnection and execute an Interconnection Agreement with SMUD. Facilities not meeting the Rule and Regulation 21 requirements will ***not*** be eligible for service. Any costs for system upgrades and facilities required for interconnection are the responsibility of the customer.

F. Metering Requirements

The eligible CHP facility operating under this schedule shall comply with all applicable rules in installing, at the customer's expense, a bi-directional time-of-use meter appropriate for excess sale agreements, that can be read daily by electronic means acceptable to SMUD. SMUD will pay for and install a gross output meter to measure the generator output and provide for SMUD data requirements. The customer shall provide and pay for the meter socket and cabinet, and all required current transformers and potential transformers.

G. Energy and Green Attributes

The customer shall, in accordance with the terms and conditions of the PPA, provide and convey to SMUD excess energy produced by the eligible CHP facility net of all station use and any and all site host load. Such conveyance shall include all related Green Attributes.

(End)

Commercial & Industrial Time-of-Day
Rate Schedule CI-TOD1

I. Applicability

This Rate Schedule CI-TOD1 applies to single- or three-phase service delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule includes the standard rates for all commercial and industrial (C&I) accounts with monthly maximum demand that does not exceed 299 kW for three or more consecutive months. Commercial & Industrial Time-of-Day customers include commercial and nonagricultural irrigation pumping accounts. This schedule also applies to Commercial & Industrial Time-of-Day 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. C&I Secondary 0-20 kW (rate category CITS-0)

These rates apply to Commercial & Industrial Time-of-Day accounts with a monthly maximum demand of 20 kW or less. Whenever the monthly maximum demand exceeds 20 kW for *any* three consecutive months and the monthly energy usage is at least 7,300 kWh for *any* three consecutive months within a 12-month period, the account will be billed on the applicable rate. To return to the CITS-0 rate, the monthly maximum demand must be 20 kW or less for 12-consecutive months or the usage must be less than 7,300 kWh for 12 consecutive months.

B. Small Nondemand, Nonmetered Service (rate category GFN)

This rate applies to Commercial & Industrial 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.

C. C&I Secondary 21-299 kW (rate category CITS-1)

These rates apply to Commercial & Industrial Time-of-Day accounts with a monthly maximum demand of at least 21 kW but does not exceed 299 kW for *any* three consecutive months **and** monthly energy usage of at least 7,300 kWh for *any* three consecutive months within a 12-month period. The customer will be billed on this rate unless the monthly usage is less than 7,300 kWh for 12 consecutive months; or the maximum demand falls below 21 kW for 12 consecutive months; or the monthly maximum demand exceeds 299 kW for three consecutive months.

II. Firm Service Rates

A. Commercial & Industrial Time-of-Day Rates

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
CITS-0: C&I Secondary 0-20 kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$40.30	$42.00	$43.85
Maximum Demand Charge *$ per monthly max kW*	$1.546	$2.389	$3.281
Electricity Usage Charge			
Peak *$/kWh*	$0.1532	$0.1540	$0.1546
Off-Peak *$/kWh*	$0.1377	$0.1346	$0.1312
Off-Peak Saver *$/kWh*	$0.1295	$0.1244	$0.1186
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$40.30	$42.00	$43.85
Maximum Demand Charge *$ per monthly max kW*	$1.546	$2.389	$3.281
Electricity Usage Charge			
Peak *$/kWh*	$0.3049	$0.3246	$0.3449
Off-Peak *$/kWh*	$0.1448	$0.1465	$0.1482
CITS-1: C&I Secondary 21-299 kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$326.05	$412.90	$502.85
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$6.993	$6.454	$5.876
Electricity Usage Charge			
Peak *$/kWh*	$0.1412	$0.1477	$0.1546
Off-Peak *$/kWh*	$0.1248	$0.1264	$0.1280
Off-Peak Saver *$/kWh*	$0.0958	$0.0888	$0.0817
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$326.05	$412.90	$502.85
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$6.993	$6.454	$5.876
Summer Peak Demand Charge *$ per monthly Peak max kW*	$7.732	$9.960	$12.316
Electricity Usage Charge			
Peak *$/kWh*	$0.2252	$0.2341	$0.2433
Off-Peak *$/kWh*	$0.1203	$0.1215	$0.1227

Commercial rates beyond 2027 are effective as shown in Section VIII. Transition Schedule.

B. GFN Rates

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
GFN			
All Year			
System Infrastructure Fixed Charge *per month per meter*	$11.70	$12.05	$12.40
Electricity Usage Charge			
All day *$/kWh*	$0.1715	$0.1766	$0.1819

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. Energy Assistance Program Rate for Nonprofit Agencies. Refer to Rate Schedule EAPR.

B. Campus Billing. Refer to Rate Schedule CB.

C. Implementation of Energy Efficiency Program or Installation of New Solar Photovoltaic or Storage Systems

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum demand is valid for 12 months or until it is exceeded by actual maximum demand.

D. Standby Service Option

Standby Service applies when the following conditions are met:

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) are connected to SMUD's electrical system; and
3. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Standby Service Charge by Voltage Level ($/kW of Contract Capacity per month)	Secondary	Primary	Subtransmission
Effective May 1, 2025	$8.597	$6.832	$3.451
Effective January 1, 2026	$8.855	$7.037	$3.555
Effective January 1, 2027	$9.121	$7.248	$3.661

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule.

The Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR. The Standby Service Charge applies to customers who install, interconnect, and operate their own electrical generation facility and equipment to self-supply all their own power needs as a microgrid service, where SMUD provides only backup electricity.

E. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.

F. SMUD Renewable Energy Options

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

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. Distribution 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:

Electricity Usage x [(95% ÷ Power Factor) - 1] x 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

Effective May 1, 2025	$0.0142
Effective January 1, 2026	$0.0146
Effective January 1, 2027	$0.0151

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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

Effective May 1, 2025	$0.3759
Effective January 1, 2026	$0.3872
Effective January 1, 2027	$0.3988

VI. Billing Periods

A. Time-of-Day Billing Periods

Non-Summer October 1 -May 31	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak Saver	Every day between 9:00 a.m. and 4:00 p.m., including holidays
	Off-Peak	All other hours, including holidays
Summer June 1 -September 30	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak	All other hours, including holidays

The holidays recognized for the Time-of-Day Billing Periods are as follows:

Holiday	Month	Date
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Juneteenth National Independence Day	June	19
Independence Day	July	4
Labor Day	September	First Monday
Indigenous Peoples' Day/Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VII. Billing

A. Meter Data

Meter data for service rendered in accordance with this Rate Schedule 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 price. The System Infrastructure Fixed Charge, Summer Peak Demand Charge, Maximum Demand Charge, and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

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.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when service has been disconnected. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

VIII. Transition Schedule

Season and Charge Component	Unit	2028*
CITS-0: C&I Secondary 0-20 kW		
System Infrastructure Fixed Charge	per month	$44.45
Maximum Demand Charge	per kW	$4.101
Non-Summer Peak	per kWh	$0.1506
Non-Summer Off-Peak	per kWh	$0.1237
Non-Summer Off-Peak Saver	per kWh	$0.1092
Summer Peak	per kWh	$0.3558
Summer Off-Peak	per kWh	$0.1453

*Subject to future rate increases.
**Time-of-Day periods apply as described in Section VII.

Commercial & Industrial Time-of-Day
Rate Schedule CI-TOD2

I. Applicability

This Rate Schedule CI-TOD2 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule includes the standard rates for all commercial and industrial (C&I) accounts with monthly maximum demand of at least 300 kW for three consecutive months, but not greater than 499 kW for three consecutive months during the preceding 12 months. Accounts served at the secondary service voltage level will remain on the CI-TOD2 rate schedule unless monthly maximum demand falls below 300 kW for 12 consecutive months or exceeds 499 kW for three consecutive months. Accounts served at the primary service voltage level will remain on the CI-TOD2 rate schedule unless monthly maximum demand exceeds 499 kW for three consecutive months. This schedule also includes the standard rates for accounts with contract capacity of at least 300 kW, but not greater than 499 kW. 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.

II. Firm Service Rates

A. Commercial & Industrial Time-of-Day Rates

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
CITS-2: C&I Secondary 300-499 kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$980.55	$1,281.95	$1,600.65
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$5.286	$5.538	$5.790
Electricity Usage Charge			
Peak *$/kWh*	$0.1410	$0.1471	$0.1531
Off-Peak *$/kWh*	$0.1148	$0.1199	$0.1252
Off-Peak Saver *$/kWh*	$0.0973	$0.0932	$0.0889
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$980.55	$1,281.95	$1,600.65
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$5.286	$5.538	$5.790
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.251	$11.708	$12.181
Electricity Usage Charge			
Peak *$/kWh*	$0.2427	$0.2489	$0.2551
Off-Peak *$/kWh*	$0.1359	$0.1332	$0.1302
CITP-2: C&I Primary 300-499 kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$331.40	$341.35	$351.60
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.485	$3.590	$3.697
Electricity Usage Charge			
Peak *$/kWh*	$0.1598	$0.1646	$0.1695
Off-Peak *$/kWh*	$0.1377	$0.1418	$0.1461
Off-Peak Saver *$/kWh*	$0.0873	$0.0899	$0.0926
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$331.40	$341.35	$351.60
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.485	$3.590	$3.697
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.389	$11.731	$12.083
Electricity Usage Charge			
Peak *$/kWh*	$0.2012	$0.2072	$0.2135
Off-Peak *$/kWh*	$0.1240	$0.1277	$0.1315

Commercial rates beyond 2027 are effective as shown in Section VIII. Transition Schedule.

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. Energy Assistance Program Rate for Nonprofit Agencies. Refer to Rate Schedule EAPR.

B. Campus Billing. Refer to Rate Schedule CB.

C. Implementation of Energy Efficiency Program or Installation of New Solar Photovoltaic or Storage Systems

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum demand is valid for 12 months or until it is exceeded by actual maximum demand.

D. Standby Service Option

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

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) are connected to SMUD's electrical system; and
3. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

Standby Service Charge by Voltage Level ($/kW of Contract Capacity per month)	Secondary	Primary	Subtransmission
Effective May 1, 2025	$8.597	$6.832	$3.451
Effective January 1, 2026	$8.855	$7.037	$3.555
Effective January 1, 2027	$9.121	$7.248	$3.661

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule.

The Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR. The Standby Service Charge applies to customers who install, interconnect, and operate their own electrical generation facility and equipment to self-supply all their own power needs as a microgrid service, where SMUD provides only backup electricity.

E. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.

F. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

G. Special Metering Charge

The customer shall pay for additional equipment and software identified by SMUD meter specialists as necessary for load data collection and upload to the customer electronic system. 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. Distribution 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 are 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:

   Electricity Usage x [(95% ÷ Power Factor) - 1] x 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

Effective May 1, 2025	$0.0142
Effective January 1, 2026	$0.0146
Effective January 1, 2027	$0.0151

2. **Waiver Contract (charge per month is set for term of 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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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

Effective May 1, 2025	$0.3759
Effective January 1, 2026	$0.3872
Effective January 1, 2027	$0.3988

VI. Billing Periods

A. Time-of-Day Billing Periods

Non-Summer October 1 -May 31	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak Saver	Every day between 9:00 a.m. and 4:00 p.m., including holidays
	Off-Peak	All other hours, including holidays
Summer June 1 -September 30	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak	All other hours, including holidays

The holidays recognized for the Time-of-Day Billing Periods are as follows:

Holiday	Month	Date
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Juneteenth National Independence Day	June	19
Independence Day	July	4
Labor Day	September	First Monday
Indigenous Peoples' Day/Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VII. 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 price. The System Infrastructure Fixed Charge, Summer Peak Demand Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that falls within the respective pricing periods.

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.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service may be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when service has been disconnected. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

VIII. Transition Schedule

Season and Charge Component	Unit	2028*
CITS-2: C&I Secondary 300-499 kW		
System Infrastructure Fixed Charge	per month	$1,878.75
Site Infrastructure Charge	per kW	$5.876
Summer Peak Demand Charge	per kW	$12.316
Non-Summer Peak	per kWh	$0.1550
Non-Summer Off-Peak	per kWh	$0.1270
Non-Summer Off-Peak Saver	per kWh	$0.0817
Summer Peak	per kWh	$0.2540
Summer Off-Peak	per kWh	$0.1234

*Subject to future rate increases.

**Time-of-Day periods apply as described in Section VI.

Commercial & Industrial Time-of-Day
Rate Schedule CI-TOD3

I. Applicability

This Rate Schedule CI-TOD3 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule includes the standard rates for all agricultural, commercial and industrial (C&I) accounts with monthly maximum demand of at least 500 kW for three consecutive months, but not greater than 999 kW for three consecutive months during the preceding 12 months. Accounts will remain on this schedule unless monthly maximum demand falls below 500 kW for 12 consecutive months or exceeds 999 kW for three consecutive months. This schedule also includes the standard rates for accounts with contract capacity of at least 500 kW, but not greater than 999 kW. The demand for any month will 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.

II. Firm Service Rates

A. Commercial Industrial Time-of-Day Rates

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
CITS-3: C&I Secondary 500-999 kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$2,339.50	$2,409.70	$2,482.00
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$5.539	$5.705	$5.876
Electricity Usage Charge			
Peak *$/kWh*	$0.1405	$0.1447	$0.1491
Off-Peak *$/kWh*	$0.1160	$0.1195	$0.1231
Off-Peak Saver *$/kWh*	$0.0750	$0.0772	$0.0796
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$2,339.50	$2,409.70	$2,482.00
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$5.539	$5.705	$5.876
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.609	$11.957	$12.316
Electricity Usage Charge			
Peak *$/kWh*	$0.2294	$0.2363	$0.2434
Off-Peak *$/kWh*	$0.1118	$0.1152	$0.1186
CITP-3: C&I Primary 500-999 kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$331.40	$341.35	$351.60
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.485	$3.590	$3.697
Electricity Usage Charge			
Peak *$/kWh*	$0.1465	$0.1509	$0.1554
Off-Peak *$/kWh*	$0.1272	$0.1310	$0.1349
Off-Peak Saver *$/kWh*	$0.0811	$0.0835	$0.0860
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$331.40	$341.35	$351.60
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.485	$3.590	$3.697
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.389	$11.731	$12.083
Electricity Usage Charge			
Peak *$/kWh*	$0.2375	$0.2446	$0.2520
Off-Peak *$/kWh*	$0.1208	$0.1245	$0.1283
CITT-3: C&I Subtransmission 500-999 kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$1,379.50	$1,420.90	$1,463.50
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.820	$3.935	$4.053
Electricity Usage Charge			
Peak *$/kWh*	$0.1268	$0.1306	$0.1345
Off-Peak *$/kWh*	$0.1059	$0.1091	$0.1124
Off-Peak Saver *$/kWh*	$0.0689	$0.0710	$0.0731
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$1,379.50	$1,420.90	$1,463.50
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.820	$3.935	$4.053
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.102	$11.435	$11.778
Electricity Usage Charge			
Peak *$/kWh*	$0.2132	$0.2196	$0.2262
Off-Peak *$/kWh*	$0.1027	$0.1058	$0.1090

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. Energy Assistance Program Rate for Nonprofit Agencies. Refer to Rate Schedule EAPR.

B. Campus Billing. Refer to Rate Schedule CB.

C. Implementation of Energy Efficiency Program or Installation of New Solar Photovoltaic or Storage Systems

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum demand is valid for 12 months or until it is exceeded by actual maximum demand.

D. Standby Service Option

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

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) are connected to SMUD's electrical system; and
3. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

Standby Service Charge by Voltage Level ($/kW of Contract Capacity per month)	Secondary	Primary	Subtransmission
Effective May 1, 2025	$8.597	$6.832	$3.451
Effective January 1, 2026	$8.855	$7.037	$3.555
Effective January 1, 2027	$9.121	$7.248	$3.661

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule.

The Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR. The Standby Service Charge applies to customers who install, interconnect, and operate their own electrical generation facility and equipment to self-supply all their own power needs as a microgrid service, where SMUD provides only backup electricity.

E. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.

F. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

G. Special Metering Charge

The customer shall pay for additional equipment and software identified by SMUD meter specialists as necessary for load data collection and upload to the customer electronic system. 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. Distribution 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 are 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:

Electricity Usage x [(95% ÷ Power Factor) - 1] x 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

Effective May 1, 2025	$0.0142
Effective January 1, 2026	$0.0146
Effective January 1, 2027	$0.0151

2. Waiver Contract (charge per month is set for term of 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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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

Effective May 1, 2025	$0.3759
Effective January 1, 2026	$0.3872
Effective January 1, 2027	$0.3988

VI. Billing Periods

A. Time-of-Day Billing Periods

Non-Summer October 1 -May 31	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak Saver	Every day between 9:00 a.m. and 4:00 p.m., including holidays
	Off-Peak	All other hours, including holidays
Summer June 1 -September 30	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak	All other hours, including holidays

The holidays recognized for the Time-of-Day Billing Periods are as follows:

Holiday	Month	Date
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Juneteenth National Independence Day	June	19
Independence Day	July	4
Labor Day	September	First Monday
Indigenous Peoples' Day/Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VII. 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 price. The System Infrastructure Fixed Charge, Summer Peak Demand Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

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.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service may be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when service has been disconnected. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Commercial & Industrial Time-of-Day
Rate Schedule CI-TOD4

I. Applicability

This Rate Schedule CI-TOD4 applies to single- or three-phase service, delivered at standard voltages designated by SMUD as available at the customer's premises. This schedule includes the standard rates for all agricultural, commercial and industrial (C&I) accounts with monthly maximum demand of 1,000 kW or greater for three consecutive months during the preceding 12 months. Accounts will remain on this rate schedule unless monthly maximum demand falls below 1,000 kW for 12 consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. This schedule also includes the standard rates for accounts with contract capacity of 1,000 kW or greater.

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

A. Commercial Industrial Time-of-Day Rates

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
CITS-4: C&I Secondary 1000+ kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$3,897.40	$4,014.30	$4,134.75
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$5.539	$5.705	$5.876
Electricity Usage Charge			
Peak *$/kWh*	$0.1442	$0.1485	$0.1530
Off-Peak *$/kWh*	$0.1186	$0.1222	$0.1259
Off-Peak Saver *$/kWh*	$0.0765	$0.0788	$0.0812
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$3,897.40	$4,014.30	$4,134.75
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$5.539	$5.705	$5.876
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.609	$11.957	$12.316
Electricity Usage Charge			
Peak *$/kWh*	$0.2367	$0.2438	$0.2511
Off-Peak *$/kWh*	$0.1151	$0.1186	$0.1221
CITP-4: C&I Primary 1000+ kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$331.40	$341.35	$351.60
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$4.904	$5.051	$5.203
Electricity Usage Charge			
Peak *$/kWh*	$0.1444	$0.1488	$0.1532
Off-Peak *$/kWh*	$0.1172	$0.1207	$0.1243
Off-Peak Saver *$/kWh*	$0.0757	$0.0780	$0.0804
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$331.40	$341.35	$351.60
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$4.904	$5.051	$5.203
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.389	$11.731	$12.083
Electricity Usage Charge			
Peak *$/kWh*	$0.2226	$0.2293	$0.2362
Off-Peak *$/kWh*	$0.1130	$0.1164	$0.1199
CITT-4: C&I Subtransmission 1000+ kW			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$1,379.50	$1,420.90	$1,463.50
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.820	$3.935	$4.053
Electricity Usage Charge			
Peak *$/kWh*	$0.1404	$0.1446	$0.1490
Off-Peak *$/kWh*	$0.1148	$0.1182	$0.1217
Off-Peak Saver *$/kWh*	$0.0742	$0.0764	$0.0787
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$1,379.50	$1,420.90	$1,463.50
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$3.820	$3.935	$4.053
Summer Peak Demand Charge *$ per monthly Peak max kW*	$11.102	$11.435	$11.778
Electricity Usage Charge			
Peak *$/kWh*	$0.1978	$0.2037	$0.2098
Off-Peak *$/kWh*	$0.1100	$0.1133	$0.1167

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. Energy Assistance Program Rate for Nonprofit Agencies. Refer to Rate Schedule EAPR.

B. Campus Billing. Refer to Rate Schedule CB.

C. Implementation of Energy Efficiency Program or Installation of New Solar/Photovoltaic or Storage Systems

Customers who implement a SMUD-sponsored Energy Efficiency program or who install a SMUD-approved solar/photovoltaic or storage system to offset their on-site energy usage may request, in writing, within 30 days of the project completion and commissioning, an adjustment to their twelve month maximum demand based on the anticipated reduction in kW from the Energy Efficiency Project Worksheet. The adjusted twelve month maximum demand is valid for 12 months or until it is exceeded by actual maximum demand.

D. Standby Service Option

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

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) are connected to SMUD's electrical system; and
3. SMUD is required to have resources available to provide supplemental service, backup electricity and, or to supply electricity during generator(s) maintenance service.

Standby Service Charge by Voltage Level ($/kW of Contract Capacity per month)	Secondary	Primary	Subtransmission
Effective May 1, 2025	$8.597	$6.832	$3.451
Effective January 1, 2026	$8.855	$7.037	$3.555
Effective January 1, 2027	$9.121	$7.248	$3.661

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule.

The Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR. The Standby Service Charge applies to customers who install, interconnect, and operate their own electrical generation facility and equipment to self-supply all their own power needs as a microgrid service, where SMUD provides only backup electricity.

E. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.

F. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

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. Distribution Service Voltage Definition

The following defines the three voltage classes available. The rate shall 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 are 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:

Electricity Usage x [(95% ÷ Power Factor) - 1] x 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

Effective May 1, 2025	$0.0142
Effective January 1, 2026	$0.0146
Effective January 1, 2027	$0.0151

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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

Effective May 1, 2025	$0.3759
Effective January 1, 2026	$0.3872
Effective January 1, 2027	$0.3988

VI. Billing Periods

A. Time-of-Day Billing Periods

Non-Summer October 1 -May 31	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak Saver	Every day between 9:00 a.m. and 4:00 p.m., including holidays
	Off-Peak	All other hours, including holidays
Summer June 1 -September 30	Peak	Weekdays between 4:00 p.m. and 9:00 p.m., excluding holidays
	Off-Peak	All other hours, including holidays

The holidays recognized for the Time-of-Day Billing Periods are as follows:

Holiday	Month	Date
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Juneteenth National Independence Day	June	19
Independence Day	July	4
Labor Day	September	First Monday
Indigenous Peoples' Day/Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VII. 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 price. The System Infrastructure Fixed Charge, Summer Peak Demand Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is less than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is more than 34 days	
Price changes within billing period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

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.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when service has been disconnected. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Distribution Wheeling Service
Rate Schedule DWS

I. Applicability

This Rate Schedule DWS is optional for customers requesting Distribution Wheeling Service. SMUD may, at its sole discretion, provide Distribution Wheeling Service to Independent Power Producers and Cogenerators, also referred to as Merchant Generators, within SMUD territory, who establish a need for this service. Wheeling service requests will be evaluated on a case by case basis and may be limited by availability of distribution system capacity. SMUD, as the incumbent utility with native load service obligations, will determine the amount of excess distribution system capacity based on SMUD's forecasted customer loads. Any available distribution capacity in excess of SMUD's native load needs may be available to third parties requesting service under this Rate Schedule DWS. This rate has been developed for wholesale power transactions and SMUD will not wheel non-SMUD power to its retail customers under this rate.

This Rate Schedule DWS is available to entities owning generating facilities that meet the following conditions:

- The entity's generating facility is connected to SMUD's distribution system; and
- The entity has a power purchase (offtake) agreement for the output of the generating facility with an entity other than SMUD; and
- Power delivery under the power purchase agreement occurs at a location outside of the SMUD system.

Under this service, the power from the associated generating facility will be wheeled (transferred) across SMUD's distribution system from the point of interconnection to SMUD's distribution system (Interconnection Point) to SMUD's bulk power system. Entities taking service under this rate schedule will also be required to take Transmission Wheeling Service from SMUD under the SMUD Open Access Transmission Tariff (OATT).

Service under this schedule is on a first-come, first-served basis and is available unless the usage of these wheeling facilities would be detrimental to SMUD. This schedule is available for interconnection of the qualified generating facility to the SMUD distribution system, wherever that may occur within the SMUD service territory.

II. Rates

Distribution Wheeling Charge

$/kilowatt-month	12/21 kV*	69 kV*
Effective May 1, 2025	$12.430	$1.936
Effective July 1, 2025	$15.252	$3.538
Effective January 1, 2026	$15.710	$3.644
Effective January 1, 2027	$16.181	$3.753

* Includes all path charges to SMUD's bulk power system.

III. Conditions of Service

A. Application for Service

Any entity requesting service under this rate schedule must submit an application for Distribution Wheeling Service. Application for such service is available at the SMUD website, www.smud.org.

B. Required Service Contract

The entity taking wheeling service under the rate schedule shall execute a Distribution Wheeling Agreement (DWA) in accordance with SMUD Policy and Procedure 8-05.

C. Reservation Deposit

The entity requesting service under this rate schedule will be required to submit a deposit equal to one month of service under this rate. The deposit will be refundable up until the time that the entity commits to service by execution of the DWA. Once the DWA is executed, the reservation deposit becomes a nonrefundable payment for the first month of service under the rate schedule.

D. Term

Applicant must specify, at the time of application, the start date for the requested service. Applicant must also specify the duration that is requested for service. SMUD will accept applications for service up to 20 years.

E. Application Under SMUD'S OATT

Applicants must also submit an application for Transmission Service under SMUD's Open Access Transmission Tariff.

F. Definitions

The following definitions apply to this schedule:

1. Applicant: The entity requesting service under this rate schedule.
2. Distribution Wheeling: The transfer of Merchant Generator power at 12 kV, 21 kV, or 69 kV for delivery to a third party outside SMUD service territory.

G. Electrical Interconnection

Applicant must also make a request for interconnection that complies with SMUD's Rule and Regulation 21 process for interconnection and must meet the requirements of Rule and Regulation 21, which include executing an Interconnection Agreement with SMUD. Any resources ***not*** meeting the Rule and Regulation 21 requirements will not be eligible for service under this schedule.

H. Metering Requirements

Distributed generation resources receiving service under this schedule shall comply with all applicable rules in installing metering equipment appropriate for full output monitoring agreements, and which can be read daily by electronic means acceptable to SMUD. The customer shall be responsible for procuring and maintaining any communication link required by SMUD for retrieving meter data.

IV. Line Losses

Merchant Generators taking service under this rate schedule will be assessed a line loss factor. Line losses will be applied as the electricity transitions from one voltage level to another. The line losses by voltage level are as follows:

Voltage Level	Loss Factor
12/21kV	4.06%
69kV	1.53%

SMUD reserves the right to update the line loss factor annually on January 1.

Line losses will be applied to the amount of generated electricity that is measured at the point of interconnection between the Merchant Generator's facility and SMUD's electrical system.

(End)

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

I. Applicability

This Rate Schedule GS-TDP applies to single- or three-phase service, delivered at the subtransmission voltage level. The rate charged the customer shall vary depending on the maximum forecasted temperature during the summer season (June through September). SMUD is utilizing temperature-dependent pricing as an additional rate option for economic retention.

This rate schedule was closed to new participants effective January 1, 1998.

To be eligible for this schedule, customers must have met the following requirements:

1. Certify to SMUD that serving their load has become competitive as shown through evidence of viable competitive energy sources from relocation, self-generation, cogeneration, etc.;
2. Verify that electricity costs are at least 10 percent of their variable production costs; and
3. Agree to remain a full-requirements SMUD customer for a minimum period of five years. If the customer chooses to bypass SMUD before the five year period has expired, the customer shall reimburse SMUD for all cumulative savings received under the temperature-dependent pricing rate compared to the standard rate. The customer may elect to terminate SMUD service after four years, with a one-year advance notification, without penalty.

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

II. Firm Service Rate

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
GS-TDP			
Winter Season (January - May)			
System Infrastructure Fixed Charge *per month per meter*	$372.40	$383.55	$395.10
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$0.726	$0.748	$0.770
Electricity Usage Charge			
On-peak *$/kWh*	$0.1288	$0.1326	$0.1366
Off-peak *$/kWh*	$0.0921	$0.0949	$0.0977
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$372.40	$383.55	$395.10
Site Infrastructure Charge *per 12 months max kW or contract capacity*	$0.726	$0.748	$0.770
TDP Summer Super-Peak Demand Charge *($/kW)*			
Per kW of maximum demand during Super-Peak Period per day if forecasted daily maximum temperature (T) for the following day is:			
"Heat Storm" if $T \geq 100°$ for 2 or more consecutive days; or	$7.478	$7.702	$7.933
"Extremely Hot" if $T \geq 100°$ for a single day; or	$7.028	$7.239	$7.456
"Very Hot" if $100° > T > 95°$ for a single day; or	$1.304	$1.343	$1.383
"Mild to Hot" if $95° \geq T$	No Charge	No Charge	No Charge
Electricity Usage Charge			
Super-peak *$/kWh*	$0.1752	$0.1805	$0.1859
On-peak *$/kWh*	$0.1540	$0.1586	$0.1634
Off-peak *$/kWh*	$0.1158	$0.1193	$0.1229

The TDP Summer Super Peak Maximum Demand Charge varies depending on the forecasted maximum temperature, based on a mutually agreed upon weather forecast source for the Sacramento area, for the following day.

Minimum Demand Charge Day

A "Minimum Demand Charge Day" may be declared on days when the forecast maximum daily temperature is greater than 95°F and less than 50 percent of SMUD's available peaking resources are being utilized. On a "Minimum Demand Charge Day" there is no charge for super-peak TDP maximum demand.

Notification of Minimum Demand Charge Day

It is the responsibility of the customer to communicate with SMUD to determine whether the SMUD system operator has declared a "Minimum Demand Charge Day." SMUD reserves the right to cancel a "Minimum Demand Charge Day" if necessary. Any such update will be provided to the customer no later than one hour prior to application of the TDP super-peak maximum demand charge.

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on electricity usage surcharges.

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

B. 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

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:

Electricity Usage x [(95% ÷ Power Factor) - 1] x 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

Effective May 1, 2025	$0.0142
Effective January 1, 2026	$0.0146
Effective January 1, 2027	$0.0151

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 power factor waiver is not available to customers taking service at the subtransmission service voltage level. 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

Effective May 1, 2025	$0.3759
Effective January 1, 2026	$0.3872
Effective January 1, 2027	$0.3988

VI. Billing Periods

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

Winter On-Peak: October 1 - May 31	Weekdays between noon and 10:00 p.m.
Summer On-Peak: June 1 - September 30	Weekdays between 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:

Holiday	Month	Date
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Juneteenth National Independence Day	June	19
Independence Day	July	4
Labor Day	September	First Monday
Indigenous Peoples' Day/Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VII. 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 price. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

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.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when service has been disconnected. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

(End)

Outdoor Night Lighting Service
Rate Schedule NLGT

I. Applicability

This Rate Schedule NLGT applies to SMUD-owned and maintained outdoor overhead lighting service where Street Lighting Service Rate Schedule SLS does not apply. Service furnished under this schedule may be discontinued at any location where SMUD's overhead distribution facilities are relocated or converted to underground distribution facilities.

Lamps shall be supported on SMUD-owned poles that are used to carry distribution system circuits used for other SMUD purposes and shall be at locations approved by SMUD.

II. Rate

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
NLGT			
Electricity and Switching Charge *$ per watt of connected load*	$0.0343	$0.0353	$0.0364

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 upon 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.

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Lamp Servicing and Relocations

A. Upon receipt of notice from the customer that light fails to operate as scheduled, SMUD will, within a reasonable period of time, make the necessary repairs.

B. SMUD will, at the customer's request, relocate existing outdoor lighting service equipment, provided the customer reimburses SMUD for the relocation cost.

V. Conditions of Service

A. Service shall be alternating current at a frequency of approximately 60 hertz, single phase.

B. Where new facilities are required in order to provide service for an applicant under this rate, SMUD may require a contract for service for a period not to exceed three years.

C. Information on equipment that qualifies for this rate schedule and the associated monthly charge is available on the SMUD website, www.smud.org, or will be furnished upon request. SMUD will review this information at least annually and update as appropriate. SMUD retains the right to modify the listing of approved fixtures and lamps to accommodate changing technology or other business needs criteria.

VI. Billing

A. Connected Load

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

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 price. The Electricity Usage Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

(End)

I. Applicability

This Rate Schedule 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.

A. Fixed Rate (rate category RF01)

1. The Fixed Rate is the alternative rate to SMUD's Time-of-Day (TOD) (5-8 p.m.) Rate (rate category RT02) under Rate Schedule R-TOD.

2. The Fixed Rate is required for customers serviced with analog meters and digital non-communicating meters.

3. Customers who qualify for Rate Schedule NEM1 and have an eligible renewable electrical generation facility that was approved for installation prior to January 1, 2018 are eligible to enroll in the Fixed Rate and may remain on the Fixed Rate after December 31, 2022.

4. Customers who have an eligible renewable electrical generation facility under Rate Schedule NEM1 that was approved for installation on or after January 1, 2018 are not eligible to enroll in the Fixed Rate.

5. Customers who have an eligible renewable electrical generation facility under Rate Schedule SSR are not eligible to enroll in the Fixed Rate.

6. Customers who have a storage facility without an associated eligible generating facility are not eligible to enroll in the Fixed Rate.

7. Customers who have master meters, including those enrolled on the RSMM rate category, are not eligible to enroll in the Fixed Rate.

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

1. 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.

2. The master-metered customer's electricity consumption will be billed using the total kWh usage of the master-meter divided by the number of occupied single-family accommodations. The billing calculation will include applicable discounts to all kWh Usage Charges and System Infrastructure Fixed Charge (SIFC) 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.

II. Firm Service Rates

A. Fixed Rate Customers (rate category RF01)

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
Fixed Rate (RF01)			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$26.20	$27.00	$27.80
Electricity Usage Charge			
All kWh usage per month *$/kWh*	$0.1331	$0.1371	$0.1412
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$26.20	$27.00	$27.80
Electricity Usage Charge			
All kWh usage per month *$/kWh*	$0.2126	$0.2189	$0.2255

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

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
Master Metered Multifamily and Mobile Home Park Billing (Closed)			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per unit*	$26.20	$27.00	$27.80
Electricity Usage Charge			
All kWh usage per month *$/kWh*	$0.1476	$0.1520	$0.1566
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per unit*	$26.20	$27.00	$27.80
Electricity Usage Charge			
All kWh usage per month *$/kWh*	$0.1690	$0.1740	$0.1792

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. Energy Assistance Program Rate. Refer to Rate Schedule EAPR.

B. Medical Equipment Discount Program. Refer to Rate Schedule MED.

C. Joint Participation in Medical Equipment Discount and Energy Assistance Programs. Refer to Rate Schedule MED.

D. Time-of-Day Rate. Refer to Rate Schedule R-TOD.

E. Standby Service Option

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

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) have a combined nameplate rating of less than 100 kW; and
3. The generator(s) are connected to SMUD's electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Standby Service Charge - January 1 through December 31
($/kW of Contract Capacity per month)

Effective May 1, 2025	$8.597
Effective January 1, 2026	$8.855
Effective January 1, 2027	$9.121

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule.

The Standby Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR. The Standby Service Charge applies to customers who install, interconnect, and operate their own electrical generation facility and equipment to self-supply all their own power needs as a microgrid service, where SMUD provides only backup electricity.

F. Customer Energy Generation Option. Refer to Rate Schedule NEM1.

G. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

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. Refer to Rate Schedule R-TOD.

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 may be charged to cover the additional costs for providing this service. This charge is in addition to the SIFC.

Three-Phase Service - January 1 through December 31
(Special Facilities fee per month)

Effective May 1, 2025	$56.25
Effective January 1, 2026	$57.95
Effective January 1, 2027	$59.70

V. Billing

KWh usage may be prorated for nonstandard billing periods, when billing period spans a price change, and/or when the billing period spans more than one season. The monthly SIFC will be prorated when the bill period is shorter than 27 days. The following table shows the basis for the proration in these circumstances. 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 (SIFC and kWh)	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days (kWh)	
Seasons overlap and price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective season or pricing periods.

(End)

Residential Time-of-Day Service
Rate Schedule R-TOD

I. Applicability

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

1. Individual or dual metered residences with digital communicating meter installed, 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.
3. Customers who have an eligible renewable electrical generation facility under Rate Schedules NEM1 or SSR that was approved for installation by SMUD on or after January 1, 2018, or who establish service at a premises that has an electrical generation facility that is fueled by a renewable fuel source on or after January 1, 2018 must be on this Rate Schedule R-TOD.

Master-metered service to a qualifying multifamily accommodation or mobile home parks are not eligible for Time-of-Day rates under rate schedule R-TOD.

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

A. Time-of-Day (5-8 p.m.) Rate (rate category RT02)

1. The TOD (5-8 p.m.) Rate is the standard rate for SMUD's residential customers. Eligible customers can elect the Fixed Rate under Rate Schedule R as an alternative rate.

2. This rate has five kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown in Section V. Conditions of Service along with the holidays.

B. Optional Time-of-Day (Low Use) Rate (rate category RTL1)

1. The Time-of-Day (Low Use) Rate is an optional rate for residential customers that use a low amount energy. Customers must have a panel size less than or equal to 125 amps to be eligible for this rate. This optional rate will be available as of January 1, 2026.

2. This rate has five kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown in Section V. Billing Periods along with the holidays.

C. Optional Critical Peak Pricing (CPP) Rate (rate category RTC1)

1. The CPP rate is available for customers who are participating in a qualifying program. Customers that have accepted a storage incentive under certain Solar and Storage Rate incentive programs are required to enroll in this rate for a duration as determined by SMUD program rules posted on www.smud.org.

2. A maximum of 30,000 customers may be enrolled in this rate at any given time.

3. CPP Events may range from one to four hours, but not more than once per day. CPP Events may be called during any hour of the day during summer months, including holidays and weekends, up to 50 hours per summer. CPP Events may span multiple time-of-day periods.

4. CPP Events will be announced by SMUD a day in advance. However, in the event of a system emergency, announcements may occur the same day as the event.

5. This rate has five kilowatt-hour (kWh) prices, depending on the time-of-day and season as shown in Section V. Conditions of Service along with the holidays.

II. Firm Service Rates

A. Time-of-Day (5-8 p.m.) Rate

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
Time-of-Day (5-8 p.m.) Rate (RT02)			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	$26.20	$27.00	$27.80
Electricity Usage Charge			
Peak *$/kWh*	$0.1724	$0.1776	$0.1829
Off-Peak *$/kWh*	$0.1248	$0.1285	$0.1324
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	$26.20	$27.00	$27.80
Electricity Usage Charge			
Peak *$/kWh*	$0.3655	$0.3765	$0.3878
Mid-Peak *$/kWh*	$0.2077	$0.2139	$0.2203
Off-Peak *$/kWh*	$0.1505	$0.1550	$0.1596

B. Optional Time-of-Day (Low Use) Rate

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
Time-of-Day (Low Use) Rate (RTL1)			
Non-Summer Season (October - May)			
System Infrastructure Fixed Charge *per month per meter*	n/a	$17.00	$17.00
Electricity Usage Charge			
Peak *$/kWh*	n/a	$0.2148	$0.2231
Off-Peak *$/kWh*	n/a	$0.1654	$0.1718
Summer Season (June - September)			
System Infrastructure Fixed Charge *per month per meter*	n/a	$17.00	$17.00
Electricity Usage Charge			
Peak *$/kWh*	n/a	$0.4154	$0.4314
Mid-Peak *$/kWh*	n/a	$0.2514	$0.2610
Off-Peak *$/kWh*	n/a	$0.1920	$0.1993

C. Optional Critical Peak Pricing Rate

1. The CPP Rate base prices per time-of-day period are the same as the prices per time-of-day period for TOD (5-8 p.m.).

2. The CPP Rate provides a discount per kWh on the Mid-Peak and Off-Peak prices during summer months.

3. During CPP Events, customers will be charged for energy used at the applicable time-of-day period rate plus the CPP Rate Event Price per kWh as shown on www.smud.org.

4. During CPP Events, energy exported to the grid will be compensated at the CPP Rate Event Price per kWh as shown on www.smud.org.

5. The CPP Rate Event Price and discount will be updated annually at SMUD's discretion and posted on www.smud.org.

D. Plug-In Electric Vehicle Credit (rate categories RT02, RTL1 and RTC1)

This credit is for residential customers who have a licensed passenger battery electric plug-in or plug-in hybrid electric vehicle.
Credit applies to all electricity usage charges from midnight to 6:00 a.m. daily.
Electric Vehicle Credit…….…… -$0.0150/kWh

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA**.**

IV. Rate Option Menu

A. Energy Assistance Program Rate. Refer to Rate Schedule EAPR.

B. Medical Equipment Discount Program. Refer to Rate Schedule MED.

C. Joint Participation in Medical Equipment Discount and Energy Assistance Program Rate. Refer to Rate Schedule MED.

D. Standby Service Option

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

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) have a combined nameplate rating less than 100 kW; and
3. The generator(s) are connected to SMUD's electrical system; and
4. SMUD is required to have resources available to provide supplemental service, backup electricity and/ or to supply electricity during generator(s) maintenance service.

Standby Service Charge - January 1 through December 31
($/kW of Contract Capacity per month)

Effective May 1, 2025	$8.597
Effective January 1, 2026	$8.855
Effective January 1, 2027	$9.121

In addition to the Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule.

The Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR. The Standby Service Charge applies to customers who install, interconnect, and operate their own electrical generation facility and equipment to self-supply all their own power needs as a microgrid service, where SMUD provides only backup electricity.

E. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.

F. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org

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 may be 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)

Effective May 1, 2025	$56.25
Effective January 1, 2026	$57.95
Effective January 1, 2027	$59.70

V. Billing Periods

A. Time-of-Day Billing Periods

Summer (Jun 1 - Sept 30)	**Peak**	Weekdays between 5:00 p.m. and 8:00 p.m.
	Mid-Peak	Weekdays between noon and midnight except during the Peak hours.
	Off-Peak	All other hours, including weekends and holidays.
Non-Summer (Oct 1 - May 31)	**Peak**	Weekdays between 5:00 p.m. and 8:00 p.m.
	Off-Peak	All other hours, including weekends and holidays.

Off-Peak pricing shall apply during the following holidays:

Holiday	Month	Date
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Juneteenth National Independence Day	June	19
Independence Day	July	4
Labor Day	September	First Monday
Indigenous Peoples' Day/Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VI. Billing

A. Proration of Charges

The electricity usage 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 will be prorated when the bill period is shorter than 27 days as shown in the following table. 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.

(End)

I. Applicability

This Rate Schedule 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 (District)-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 period 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. This rate is available to customers that are not eligible for the default SL_COM_M metered rate or as determined by SMUD. Effective the first full billing cycle after the following date(s), the charge will be as follows:

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
SL_COM			
Electricity and Switching Charge *$ per watt of connected load*	$0.0343	$0.0353	$0.0364

III. Customer-Owned and Maintained, Metered — Rate Category SL_COM_M

Eligible street lighting customers requesting new installations of lamps or additions of new lamps to existing accounts will default to the metered SL_COM_M rate. Eligible street lighting customers will be served under the default rate or as determined by SMUD.

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:

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
SL_COM_M			
System Infrastructure Fixed Charge *per month per meter*	$11.95	$12.30	$12.70
Electricity Usage Charge All day *$/kWh*	$0.1031	$0.1062	$0.1093

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 23, 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. Effective the first full billing cycle after the following date(s), the charge will be as follows:

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
SL_CODM (closed)			
Electricity and Switching Charge *$ per watt of connected load*	$0.0343	$0.0353	$0.0364

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.

V. SMUD (District)-Owned and Maintained — Rate Category SL_DOM

Where the customer requests that SMUD own, 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.

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 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.

A. Pricing

Effective the first full billing cycle after the following date(s), the charge will be as follows:

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
SL_DOM			
Electricity and Switching Charge *$ per watt of connected load*	$0.0343	$0.0353	$0.0364

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.

VI. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule 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 (SL_DOM, SL_COM, and SL_CODM)

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.

C. Proration of Charges (SL_COM_M)

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

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

(End)

Traffic Control
Intersection Lighting Service
Rate Schedule TC ILS

I. Applicability

This Rate Schedule TC ILS applies to electric service for the benefit of cities, counties, and other public agencies for pedestrian and vehicular traffic signal units, together with related control devices for the purpose of traffic safety and management and associated intersection lighting where the mounting, standards, control supports, signal equipment, and luminaires are owned and maintained by the customer.

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

II. Rates (Rate Categories TS_F, TS)

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
TS_F, TS			
System Infrastructure Fixed Charge *for metering point per month or portion thereof*	$7.09	$7.30	$7.52
Electricity Usage Charge All day *$/kWh*	$0.1294	$0.1333	$0.1373

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Conditions of Service

1. Service shall be alternating current, at a frequency of approximately 60 hertz, single phase, at secondary voltages specified by SMUD, and at service points mutually agreed upon between the customer and SMUD.

2. Lamps for intersection lighting shall be controlled to operate from dusk to dawn each night so as to give approximately 4,000 hours of lighting service annually.

3. 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 operation, SMUD may, with customer's consent, calculate electricity consumed in lieu of providing metering equipment (TS_F).

V. Billing

For billing periods of less than 27 days or more than 34 days, System Infrastructure Fixed Charges will be prorated on the basis of the relationship between the length of the billing period and 30 days. No proration will be made on first-time billing when the total period of service is less than 30 days.

(End)

Traffic Signal Service
Rate Schedule TSS *(Closed to new customers)*

I. Applicability

This Rate Schedule TSS applies to electric service for pedestrian and vehicular traffic signal units, together with related control devices where the mounting standards, control supports, and signal equipment are owned and maintained by the customer.

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

II. Rate (Rate Category SL_TSF)

Monthly Charges

	Effective as of May 1, 2025	Effective as of January 1, 2026	Effective as of January 1, 2027
SL_TSF			
For units not larger than 70 watts or connected load and not exceeding three lamps per unit, the monthly charge **per unit** per month	$5.14	$5.29	$5.45
For units larger than 70 watts or connected load and not exceeding three lamps per unit, the monthly charge **per lamp per watt**	$0.0360	$0.0371	$0.0382
Total charge per month being not less than	$5.14	$5.29	$5.45

III. Electricity Usage Surcharges

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

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Conditions of Service

1. Service shall be alternating current, at a frequency of approximately 60 hertz, single phase, at secondary voltages specified by SMUD.

2. No additional service will be provided by SMUD under Rate Schedule TSS. Upon notification by SMUD and installation of metering facilities, individual accounts will be transferred from Rate Schedule TSS to Rate Schedule TC ILS.

V. Billing

A. Connected Load

"Connected load" as used in this rate schedule shall be the sum of the capacities of all of the customer's equipment that may be operated from SMUD's lines at the same time.

B. Billing Periods of Nonstandard Length

Billing periods of nonstandard length 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.

(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 (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 1) at the office of SMUD, or 2) at any of the pay stations that SMUD may designate, or 3) to any of its duly authorized collectors, or 4) by customer initiated electronic means, or 5) 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. SMUD may thereafter discontinue service for unpaid electric service bills in accordance with Rule and Regulation 11 or take such other appropriate action as may be necessary. Payments are first applied to all electric service bill amounts owing and then to non-electric bill amounts. Special bills or bills rendered to persons discontinuing service or vacating the premises shall be paid on presentation.

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

SMUD has the right to transfer a customer's unpaid charges for electric service to an active bill prior to being assigned to a collection agency.

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
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

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)

Extension of Facilities to Nonresidential Premises
Rule and Regulation 16

I. Conditions of Service

Applicants for new and upgraded electric service will be required to provide SMUD sufficient advance notice so that service can be rendered by the time such service is desired. By applying for or accepting service from SMUD, a customer agrees to abide by all of SMUD's rates, rules and regulations concerning such service, to provide any rights of way across the customer's own property that SMUD may deem necessary to supply such service, and to cooperate with SMUD in its construction and maintenance of the facilities needed for such service. SMUD may bill the customer for any costs resulting from the customer's failure to comply with the provisions of this paragraph. This rule and regulation shall also apply to public agencies and developments with both nonresidential and residential mixed-use electric service.

II. Extensions of SMUD Distribution Facilities

Line extensions of electric distribution facilities to the boundary of a nonresidential development (at standard voltages specified in Rule and Regulation 2) will normally be constructed, owned, and maintained by SMUD at its expense. Line extensions will be subject to the provisions of SMUD's rules and regulations and the provisions of the applicable rates.

III. Overhead Distribution Facilities within a Development

Generally, overhead facilities will not be extended into new developments. However, when they are extended SMUD will construct, own, and maintain all necessary overhead facilities required to provide service.

IV. Underground Distribution Facilities within a Development

The developer of a nonresidential development will, in accordance with SMUD's specifications:

a. Perform all necessary excavating and backfilling, including furnishing of any imported backfill material required.

b. Furnish and install the underground duct system (including necessary conduits, ducts, manholes, vaults, switchgear, pads, and concrete encasement of conduit where required).

c. Transfer ownership of such facilities to SMUD upon acceptance by SMUD. In the case of approved residential high rise construction, ownership and maintenance of secondary to final service voltage equipment within the customer's building will remain the responsibility of the customer. The customer shall provide open and free access to SMUD meters in designated panel locations throughout the building.

d. The developer will deposit with SMUD 100 percent of the Cost of SMUD-installed facilities upon completion of the system design and prior to system installation. At the discretion of SMUD, Cost may be determined by application of standard unit costing or by job specific estimates. Standard unit costing may be reviewed and updated at SMUD's discretion. SMUD may extend at its option, financing terms for no longer than 12 months for no more than 50 percent of the Cost. Availability of the financing option will depend on the financial viability and credit-worthiness of the firm, as determined by SMUD. These costs are limited to SMUD's costs of providing distribution facilities within the boundaries of the development and the development-related distribution facilities adjacent to the development. For customers with connected loads of 1 megawatt and greater, these costs will include costs related to the last transformation before delivery to the customer, whether that transformation is from an off-site distribution substation or an on-site SMUD-dedicated substation. SMUD will supply, install, own, and maintain all conductors, switchgear, transformers, and related equipment for the secondary and primary distribution system.

e. If the applicant does not, within 12 months from the date on which SMUD provided a commitment for service, complete construction so that SMUD facilities can be installed, work authorizations under this rule may be canceled along with any related jobs. The on-site development cost shall be subject to increase in accordance with any change in this rule.

f. Pay SMUD a nonrefundable design fee at the time of project submittal to SMUD. SMUD may require additional fees as needed to accommodate change-orders or unanticipated design costs.

V. SMUD Cost for Distribution Systems

The developer of a non-residential development with an estimated demand of at least 300kW as determined by SMUD is eligible for certain offsets of costs in accordance with the following specifications:

a. Based on Section IV(D), SMUD will supply, install, own, and maintain all conductors, transformers, and related equipment for the secondary and primary distribution system.
b. SMUD will apply a Per kW Offset Amount to offset the developer Cost for the SMUD-installed facilities and distribution system.
c. The estimated kW demand for the Per kW Offset Amount will be determined by SMUD based on diversified load.
d. The developer furnished and installed underground duct system (including necessary conduits, ducts, manholes, vaults, equipment, pads, and concrete encasement of conduit where required), are not eligible for the Per kW Offset Amount.
e. The developer will not receive an offset of more than 100% of the SMUD total cost for the SMUD-installed facilities and distribution system.
f. The Per kW Offset Amount is determined by SMUD annually based on system impact and budget.

VI. Service at Secondary Voltage

A. Overhead Service

In those areas where it has been determined that SMUD will continue to serve its customer's overhead distribution and where SMUD's distribution pole line is located on a street, highway, lane, alley, road, or private easement immediately contiguous to the customer's premises, SMUD will, at its expense, furnish, install, and own a service drop from its pole line to the nearest point of attachment to the customer's building or other permanent support provided by the customer, at a point to be approved by SMUD.

B. Underground Service

In designated underground areas, SMUD will connect to underground service runs furnished, installed, owned, and maintained by the customer, at the customer's expense, at a service location specified by SMUD. Service run facilities shall include conductor to reach the service location, shall be subject to applicable City and County ordinances, and shall be subject to approval by SMUD as to design and specifications. No customer will be required to install facilities they own and maintain beyond a location in the public utility right of way adjacent to their property. Cost recovery of underground distribution facilities within a development will conform to the provisions of section IV. of this Rule and Regulation.

VII. Service at Primary or Subtransmission Voltage

Wherever adequate service to a customer requires and where, in SMUD's judgment, it is desirable and practicable to do so, SMUD will install on the customer's premises a primary or subtransmission voltage supply line. This supply line will extend to the metering installations or other terminal point, as designated by SMUD.

A. Overhead Conductors

Where the supply line is to be overhead, SMUD will, at its expense, furnish and install the entire line and will make the necessary connections.

B. Underground Conductors

Where the customer requests and SMUD agrees, or where SMUD determines that the primary or subtransmission voltage supply line be underground or otherwise in conduit, in whole or in part, the customer shall furnish and install the entire conduit system including manholes, pull boxes, and pull wires as designated by SMUD. All such facilities shall be subject to approval by SMUD as to design and specifications. No customer will be required to install facilities beyond a location in the public utility right of way adjacent to the customer's property. SMUD will furnish and install the electrical conductors and make the necessary connections. Cost recovery of underground distribution facilities within a development will conform to the provisions of section IV. of this Rule and Regulation.

VIII. Service Connections

SMUD will not connect to any one building more than one service for each voltage classification, either overhead or underground, except for SMUD's operating convenience, or where, in SMUD's judgment, such additional services may be warranted because of the load requirements, or where the customer is required by law to install emergency lighting facilities. Connections of such service to or disconnection of such service from SMUD's lines shall be made only by authorized SMUD employees.

IX. Requests for Change in Service Voltage

Where the customer requests and SMUD consents, a change in service voltage may occur provided that all SMUD costs including unrecovered costs less salvage value, relocation costs, and site restoration costs are at the requesting customer's expense. Such change may involve all voltage level classes as defined under the applicable general service rate schedule.

X. Extensions for Temporary Service

Extension for temporary service will be made under the provisions of Rule and Regulation 13, Temporary Service.

XI. SMUD Ownership of Facilities, Right of Access, and Right of Way

All facilities installed on a customer's premises, including but not limited to conductors, transformer, poles, meters, etc., which SMUD furnishes in order to render electric service, shall remain the sole property of SMUD. SMUD will maintain such facilities and shall have the right of access to the customer's premises, without payment of any charge or rent therefore, at all reasonable hours for any purpose related to the furnishing of electric service. This shall include but is not limited to meter reading, testing, inspection, construction, maintenance, and repair of facilities. Upon termination of service, and for a reasonable period thereafter, SMUD shall have the right of access to the customer's premises to remove its facilities installed thereon. The customer shall grant to SMUD rights of way and rights of access, satisfactory to SMUD, for the installation and maintenance of the necessary electrical conductors and their connections.

XII. Customer Responsibility for Facilities

A. SMUD Facilities

The customer shall exercise reasonable care to prevent facilities of SMUD installed on the customer's premises from being damaged or destroyed and shall refrain from tampering or interfering with such facilities, and if any defect therein is discovered by the customer, the customer shall promptly notify SMUD thereof.

B. Customer Facilities

The customer shall be solely responsible for the transmission and delivery of all electric energy over or through the customer's wires and equipment, and SMUD shall not be responsible for any loss or damage occasioned thereby. The customer shall be responsible for the installation and maintenance of all facilities not transferred to SMUD ownership, including customer-owned conduits, manholes, and vaults.

(End)

RESOLUTION NO. 25-06-16

WHEREAS, on March 20, 2025, the Chief Executive Officer and General Manager released the "Chief Executive Officer and General Manager's Report and Recommendation on Open Access Transmission Tariff, *Volume 1*" (the "OATT Report"), which Report is incorporated by reference herein and made a part hereof; and

WHEREAS, by Resolution 25-03-03, adopted March 20, 2025, a public hearing on the OATT Report was scheduled for June 4, 2025, at 6:00 p.m.; and

WHEREAS, notices of the hearing were duly published in the *Sacramento Bee* on March 27, April 2 and April 8, 2025; and

WHEREAS, pursuant to SMUD Ordinance No. 15-1, SMUD conducted the two required public workshops on April 30, 2025, and May 13, 2025, to receive and respond to customer comments and questions; and

WHEREAS, SMUD held two qualifying public workshops, contacted over 1,500 community organizations and neighborhood associations leaders via email, letter or phone call invitations to offer an in-person presentation, sent emails to over 271,000 customers and organizations, conducted over 40 individual presentations to community neighborhood and business organizations, over 1,100 community and business partners were provided content and were asked to share information regarding the rate proposal with their members and networks, and an additional 53 local agency elected officials were sent information packets with an offer of in-person presentations, which resulted in no meetings being held; and

WHEREAS, SMUD provided all customers information about the rate proposal via email, mail newsletters, and through the rate change proposal website on www.smud.org/RateInfo, which received approximately 1,570-page views; and

WHEREAS, the public hearing was held on June 4, 2025, and was conducted in a hybrid format; on Zoom.gov and at SMUD Headquarters. All

interested persons were given an opportunity to comment and submit testimony; and

WHEREAS, pursuant to SMUD Ordinance No. 15-1, this resolution was duly introduced on June 4, 2025 by this Board of Directors to be circulated for a minimum of ten calendar days for public review, input and comment; and

WHEREAS, revisions to the yearly, monthly, weekly, daily, and hourly rates contained in the existing OATT are necessary to accurately reflect SMUD's cost of service, including:

- Schedule 1 (Scheduling, System Control and Dispatch Service); and
- Schedule 2 (Reactive Supply and Voltage Control from Generation or Other Sources Services); and
- Schedule 3 (Regulation and Frequency Response Service); and
- Schedule 5 (Operating Reserve – Spinning Reserve Service); and
- Schedule 6 (Operating Reserve – Supplemental Reserve Service); and
- Schedule 7 (Firm Point-to-Point Transmission Service); and
- Schedule 8 (Non-Firm Point-to-Point Transmission Service); and
- Schedule 10 (Generator Regulation and Frequency Response Service); and

WHEREAS, the recommendation to increase SMUD's OATT rates is based on cost of service principles and reflect SMUD's cost increases to provide transmission service uniformly to all transmission customers; and

WHEREAS, SMUD's OATT rates are for the use of SMUD property (e.g. transmission assets) and therefore the rates comply with Proposition 26 even without showing that such rate increases are limited to SMUD's costs; and

WHEREAS, this Board of Directors has carefully considered the OATT Report, and public comment and input from community meetings, public rate workshops, and noticed public hearings; and

WHEREAS, this Board of Directors finds that replacing the existing OATT schedules with the proposed revised OATT schedules is reasonable, in the best interests of the public and SMUD's customers, and provides a net benefit to SMUD; **NOW, THEREFORE,**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. Effective July 1, 2025 SMUD's existing OATT rate tariffs shall be revised and superseded by the proposed OATT rate tariffs shown below and attached as Attachment ___.

- Schedule 1: (Scheduling, System Control and Dispatch Service) $364.64/MW of Reserved Capacity per month;
- Schedule 2 (Reactive Supply and Voltage Control from Generation or Other Sources Services) $87.15/MW of Reserved Capacity per month
- Schedule 3 (Regulation and Frequency Response Service) $359.33/MW of Reserved Capacity per month;
- Schedule 5 (Operating Reserve – Spinning Reserve Service) $8,647.36/MW of Reserved Capacity per month;
- Schedule 6 (Operating Reserve – Supplemental Reserve Service) $8,914.52/MW of Reserved Capacity per month;
- Schedule 7 (Firm Point-to-Point Transmission Service) System Rate: $3,219.95/MW of Reserved Capacity per month, COTP Rate: $2,759.78/MW of Reserved Capacity per month;
- Schedule 8 (Non-Firm Point-to-Point Transmission Service) System Rate: $1,725.10/MW of Reserved Capacity per month, COTP Rate: $3,604.19/MW of Reserved Capacity per month.
- Schedule 10 (Generator Regulation and Frequency Response Service) $359.33/MW of Reserved Capacity per month;

The yearly, weekly, daily, and hourly rates on each schedule shall be adjusted accordingly based on the time period in relation to the monthly rate.

Section 2. 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:

(A) meeting operating expenses, including employee wage rates and fringe benefits;

(B) purchasing or leasing supplies, equipment, or materials;

(C) meeting financial reserve needs and requirements;

(D) obtaining funds for capital projects necessary to maintain service within existing service areas; or

(E) obtaining funds that are necessary to maintain such intra-city transfers as are authorized by city charter.

This Board of Directors finds and declares that the proposed action reflects the reasonable costs to SMUD of providing transmission service under the OATT and that no amount of revenue obtained from this rate increase will be used for any other purpose. Therefore, the proposed action to approve a revised OATT with an effective implementation date of July 1, 2025 is for the purposes set forth in Sections 21080(b)(8)(A) through (D) of the California Public Resource Code. Therefore, this rate action is exempt from the requirements of CEQA. This finding is based upon information contained in the OATT Report.

Section 3. The CEO and GM, or his or her designee, is authorized to make non-substantive revisions to the OATT schedules.

Section 4. The new and revised OATT rate tariffs referenced in this Resolution are attached and incorporated herein as **Attachment G.**

Section 5. To the extent there is a discrepancy between this Resolution and the new and revised OATT rate tariffs attached hereto, the new and revised rate tariffs shall control.

Approved: June 19, 2025

INTRODUCED: DIRECTOR SANBORN				
SECONDED: DIRECTOR TAMAYO				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
FISHMAN	X			
ROSE	X			
BUI-THOMPSON	X			
HERBER	X			
KERTH	X			
TAMAYO	X			
SANBORN	X			

Schedule 1: Scheduling, System Control and Dispatch Service

This service is required to schedule the movement of power through, out of, within, or into a Balancing Authority Area. This service can be provided only by the operator of the Balancing Authority Area in which the transmission facilities used for transmission service are located. Scheduling, System Control and Dispatch Service is to be provided directly by the Transmission Provider (if the Transmission Provider is the Balancing Authority Area operator) or indirectly by the Transmission Provider making arrangements with the Balancing Authority Area operator that performs this service for the Transmission Provider's Transmission System. The Transmission Customer must purchase this service from the Transmission Provider or the Balancing Authority Area operator. The charges for Scheduling, System Control and Dispatch Service are to be based on the rates set forth below. To the extent the Balancing Authority Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by that Balancing Authority Area operator.

Application of the Schedule 1 Ancillary Service described above will be determined on a case-specific basis as further provided in SMUD's OATT Business Practices document posted on its publicly accessible OASIS website.

1) Yearly delivery: $4,375.73/MW of Reserved Capacity per year.

2) Monthly delivery: $364.64/MW of Reserved Capacity per month.

3) Weekly delivery: $84.15/MW of Reserved Capacity per week.

4) Daily delivery: $16.83/MW of Reserved Capacity per day.

5) Hourly delivery: $1.0519/MW of Reserved Capacity per hour.

Schedule 2: Reactive Supply and Voltage Control From Generation or Other Sources Service

In order to maintain transmission voltages on the Transmission Provider's transmission facilities within acceptable limits, generation facilities and non-generation resources capable of providing this service that are under the control of the Balancing Authority Area operator are operated to produce (or absorb) reactive power. Thus, Reactive Supply and Voltage Control from Generation or Other Sources Service must be provided for each transaction on the Transmission Provider's transmission facilities. The amount of Reactive Supply and Voltage Control from Generation or Other Sources Service that must be supplied with respect to the Transmission Customer's transaction will be determined based on the reactive power support necessary to maintain transmission voltages within limits that are generally accepted in the region and consistently adhered to by the Transmission Provider.

Reactive Supply and Voltage Control from Generation or Other Sources Service is to be provided directly by the Transmission Provider (if the Transmission Provider is the Balancing Authority Area operator) or indirectly by the Transmission Provider making arrangements with the Balancing Authority Area operator that performs this service for the Transmission Provider's Transmission System. The Transmission Customer must purchase this service from the Transmission Provider or the Balancing Authority Area operator. The charges for such service will be based on the rates set forth below. To the extent the Balancing Authority Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by the Balancing Authority Area operator.

Application of the Schedule 2 Ancillary Service described above will be determined on a case-specific basis as further provided in SMUD's OATT Business Practices document posted on its publicly accessible OASIS website.

The Transmission Customer shall compensate the Transmission Provider each month up to the sum of the applicable charges set forth below:

Reactive Supply and Voltage Control from Generation Sources Service for Network Integration Service Customers under Part III of the Tariff:

$132.69/MW per month times the Transmission Customer's monthly coincident peak demand.

Reactive Supply and Voltage Control from Generation Sources Service for Point-to-Point Transmission Customers under Part II of the Tariff:

1) Yearly delivery: $1,045.78/MW of Reserved Capacity per year.

2) Monthly delivery: $87.15/MW of Reserved Capacity per month.

3) Weekly delivery: $20.11/MW of Reserved Capacity per week.

4) Daily delivery: $4.02/MW of Reserved Capacity per day.

5) Hourly delivery: $0.2514/MW of Reserved Capacity per hour.

The total charge for Reactive Supply and Voltage Control from Generation Sources Service in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (4) above times the highest amount in Megawatts of Reserved Capacity in any hour during such day. In addition, the total charge for Reactive Supply and Voltage Control from Generation Sources Service in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (3) above times the highest amount in Megawatts of Reserved Capacity in any hour or day during such week.

However, such rates shall not include any charges associated with the compensation to a generating facility for the supply of reactive power within the power factor range specified in its interconnection agreement.

Schedule 3: Regulation and Frequency Response Service

Regulation and Frequency Response Service is necessary to provide for the continuous balancing of resources (generation and interchange) with load and for maintaining scheduled Interconnection frequency at sixty cycles per second (60 Hz). Regulation and Frequency Response Service is accomplished by committing on-line generation whose output is raised or lowered (predominantly through the use of automatic generating control equipment) and by other non-generation resources capable of providing this service as necessary to follow the moment-by-moment changes in load. The obligation to maintain this balance between resources and load lies with the Transmission Provider (or the Balancing Authority Area operator that performs this function for the Transmission Provider). The Transmission Provider must offer this service when the transmission service is used to serve load within its Balancing Authority Area. The Transmission Customer Balancing Authority Area must either purchase this service from the Transmission Provider or make alternative comparable arrangements to satisfy its Regulation and Frequency Response Service obligation. The amount of and charges for Regulation and Frequency Response Service are set forth below. To the extent the Balancing Authority Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by that Balancing Authority Area operator.

Application of the Schedule 3 Ancillary Service described above will be determined on a case-specific basis as further provided in SMUD's OATT Business Practices document posted on its publicly accessible OASIS website.

The Transmission Customer shall compensate the Transmission Provider each month up to the sum of the applicable charges set forth below:

Regulation and Frequency Response Service for Network Integration Service Transmission Customers under Part III of the Tariff:

$547.11/MW per month times the Transmission Customer's monthly coincident peak demand. However, if the Transmission Customer's average of the highest daily difference between the Transmission Customer's instantaneous demand in an hour and its schedule in that hour exceeds 4.5% or is less than 3.5% in any month, the Transmission Customer will be assessed a charge based on the rate above times the ratio of the actual percentage to 4.0%.

Regulation and Frequency Response Service for Point-to-Point Transmission Customers under Part II of the Tariff:

1) Yearly delivery: $4,311.97/MW of Reserved Capacity per year.

2) Monthly delivery: $359.33/MW of Reserved Capacity per month.

3) Weekly delivery: $82.92/MW of Reserved Capacity per week.

4) Daily delivery: $16.58/MW of Reserved Capacity per day.

5) Hourly delivery: $1.0365/MW of Reserved Capacity per hour.

The total charge for Regulation and Frequency Response Service in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (4) above times the highest amount in Megawatts of Reserved Capacity in any hour during such day. In addition, the total charge for Regulation and Frequency Response Service in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (3) above times the highest amount in Megawatts of Reserved Capacity in any hour or day during such week.

Schedule 5: Operating Reserve – Spinning Reserve Service

Spinning Reserve Service is needed to serve load immediately in the event of a system contingency. Spinning Reserve Service may be provided by generating units that are on-line and loaded at less than maximum output and by non-generation resources capable of providing this service to the extent that such non-generation resources meet applicable NERC standards or criteria for such services. The Transmission Provider must offer this service when the transmission service is used to serve load within its Balancing Authority Area. The Transmission Customer must either purchase this service from the Transmission Provider or make alternative comparable arrangements to satisfy its Spinning Reserve Service obligation. The amount of and charges for Spinning Reserve Service are set forth below. To the extent the Balancing Authority Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by that Balancing Authority Area operator.

Application of the Schedule 5 Ancillary Service described above will be determined on a case-specific basis as further provided in SMUD's OATT Business Practices document posted on its publicly accessible OASIS website.

The Transmission Customer shall compensate the Transmission Provider each month up to the sum of the applicable charges set forth below:

Operating Reserve - Spinning Reserve Service for Network Integration Transmission Customers under Part III of the Tariff:

Demand Charge: $8,647.36/MW/Month times the Transmission Customer's Load Ratio Share of the Transmission Provider's spinning reserve requirement.

Energy Charge: 110% of the Transmission Provider's system incremental cost (SIC) provided, that to the extent purchased energy forms the basis for the SIC, the rate for the purchased energy portion of the service shall equal the SIC. Energy is only available in emergencies and for up to 30 minutes.

Operating Reserve - Spinning Reserve Service for Point-to-Point Transmission Customers under Part II of the Tariff:

Demand Charge: The charge below times the Transmission Provider's spinning reserve requirement multiplied by the ratio of the Transmission Customer's Reserved Capacity divided by the Transmission Provider's annual peak.

1) Yearly delivery: $103,768.34/MW per year.

2) Monthly delivery: $8,647.36/MW per month.

3) Weekly delivery: $1,995.55/MW per week.

4) Daily delivery: $399.11/MW per day.

5) Hourly delivery: $24.9443/MW per hour.

The total charge for Operating Reserve - Spinning Reserve Service in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (4) above times the highest amount in Megawatts of Reserved Capacity in any hour during such day. In addition, the total charge for Operating Reserve - Spinning Reserve Service in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (3) above times the highest amount in Megawatts of Reserved Capacity in any hour or day during such week.

Energy Charge: 110% of the Transmission Provider's system incremental cost (SIC) provided, that to the extent purchased energy forms the basis for the SIC, the rate for the purchased energy portion of the service shall equal the SIC. Energy is only available in emergencies and for up to 30 minutes.

Schedule 6: Operating Reserve – Supplemental Reserve Service

Supplemental Reserve Service is needed to serve load in the event of a system contingency; however, it is not available immediately to serve load but rather within a short period of time. Supplemental Reserve Service may be provided by generating units that are on-line but unloaded, by quick-start generation or by interruptible load or other non-generation resources capable of providing this service. The Transmission Provider must offer this service when the transmission service is used to serve load within its Balancing Authority Area. The Transmission Customer must either purchase this service from the Transmission Provider or make alternative comparable arrangements to satisfy its Supplemental Reserve Service obligation. The amount of and charges for Supplemental Reserve Service are set forth below. To the extent the Balancing Authority Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by that Balancing Authority Area operator.

Application of the Schedule 6 Ancillary Service described above will be determined on a case-specific basis as further provided in SMUD's OATT Business Practices document posted on its publicly accessible OASIS website.

The Transmission Customer shall compensate the Transmission Provider each month up to the sum of the applicable charges set forth below:

Operating Reserve - Supplemental Reserve Service for Network Integration Transmission Customers under Part III of the Tariff:

Demand Charge: $8,914.52/MW/Month times the Transmission Customer's Load Ratio Share of the Transmission Provider's supplemental reserve requirement.

Energy Charge: 110% of the Transmission Provider's system incremental cost (SIC) provided, that to the extent purchased energy forms the basis for the SIC, the rate for the purchased energy portion of the service shall equal the SIC. Energy is only available in emergencies and for up to 30 minutes.

Operating Reserve - Supplemental Reserve Service for Point-to-Point Transmission Customers under Part II of the Tariff:

Demand Charge: The charge below times the Transmission Provider's supplemental reserve requirement multiplied by the ratio of the Transmission Customer's Reserved Capacity divided by the Transmission Provider's annual peak.

1) Yearly delivery: $106,974.22/MW per year.

2) Monthly delivery: $8,914.52/MW per month.

3) Weekly delivery: $2,057.20/MW per week.

4) Daily delivery: $411.44/MW per day.

5) Hourly delivery: $25.7150/MW per hour.

The total charge for Operating Reserve - Supplemental Reserve Service in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (4) above times the highest amount in Megawatts of Reserved Capacity in any hour during such day. In addition, the total charge for Operating Reserve - Supplemental Reserve Service in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (3) above times the highest amount in Megawatts of Reserved Capacity in any hour or day during such week.

Energy Charge: 110% of the Transmission Provider's system incremental cost (SIC) provided, that to the extent purchased energy forms the basis for the SIC, the rate for the purchased energy portion of the service shall equal the SIC. Energy is only available in emergencies and for up to 30 minutes.

Schedule 7: Firm Point-to-Point Transmission Service

The Transmission Customer shall compensate the Transmission Provider each month for Firm Point-to-Point Reserved Capacity at the sum of the applicable charges set forth below. The charge herein shall be that agreed upon by the Parties at the time service is reserved.

1. Yearly delivery:

System Rate: $38,639.36/MW per year.

COTP Rate: $33,117.35/MW per year.

2. Monthly delivery:

System Rate: $3,219.95/MW per month.

COTP Rate: $2,759.78/MW per month.

3. Weekly delivery:

System Rate: $743.06/MW per week.

COTP Rate: $636.87/MW per week.

4. Daily delivery:

System Rate: $148.61/MW per day.

COTP Rate: $127.37/MW per day.

5. Hourly delivery:

System Rate: $9.2883/MW per hour.

COTP Rate: $7.9609/MW per hour.

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (4) above times the highest amount in Megawatts of Reserved Capacity in any hour during such day. In addition, the total demand charge in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (3) above times the highest amount in Megawatts of Reserved Capacity in any hour or day during such week.

6. Discounts:

Three principal requirements apply to discounts for transmission service as follows (1) any offer of a discount made by the Transmission Provider must be announced to all Eligible Customers solely by posting on the OASIS; (2) any customer-initiated requests for discounts (including requests for use by one's wholesale merchant or an Affiliate's use) must occur solely by posting on the OASIS; and (3) once a discount is negotiated, details must be immediately posted on the OASIS. For any discount agreed upon for service on a path, from point(s) of receipt to point(s) of delivery, the Transmission Provider must offer the same discounted transmission service rate for the same time period to all Eligible Customers on all unconstrained transmission paths that go to the same point(s) of delivery

on the Transmission System.

7. Resales:

The rates and rules governing charges and discounts stated above shall not apply to resales of transmission service, compensation for which shall be governed by Section 23.1 of the Tariff.

Schedule 8: Non-Firm Point-to-Point Transmission Service

The Transmission Customer shall compensate the Transmission Provider each month for Non-Firm Point-to-Point Reserved Capacity at the sum of the applicable charges set forth below. The charge herein shall be that agreed upon by the Parties at the time service is reserved.

1. Yearly delivery:

System Rate: $20,701.25/MW per year.

COTP Rate: $43,250.27/MW per year.

2. Monthly delivery:

System Rate: $1,725.10/MW per month.

COTP Rate: $3,604.19/MW per month.

3. Weekly delivery:

System Rate: $398.10/MW per week.

COTP Rate: $831.74/MW per week.

4. Daily delivery:

System Rate: $79.62/MW per day.

COTP Rate: $166.35/MW per day.

5. Hourly delivery:

System Rate: $7.1745/MW per hour.

COTP Rate: $10.3967/MW per hour.

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (4) above times the highest amount in Megawatts of Reserved Capacity in any hour during such day. In addition, the total demand charge in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (3) above times the highest amount in Megawatts of Reserved Capacity in any hour or day during such week.

6. Discounts:

Three principal requirements apply to discounts for transmission service as follows (1) any offer of a discount made by the Transmission Provider must be announced to all Eligible Customers solely by posting on the OASIS, (2) any customer-initiated requests for discounts (including requests for use by one's wholesale merchant or an Affiliate's use) must occur solely by posting on the OASIS, and (3) once a discount is negotiated, details must be immediately posted on the OASIS. For any discount agreed upon for service on a path, from point(s) of receipt to point(s) of delivery, the Transmission Provider must offer the same discounted transmission service rate for the same time period to all Eligible Customers on all unconstrained transmission paths that go to the same point(s) of delivery

on the Transmission System.

7. Resales:

The rates and rules governing charges and discounts stated above shall not apply to resales of transmission service, compensation for which shall be governed by Section 23.1 of the Tariff.

Schedule 10: Generator Regulation and Frequency Response Service

Generator Regulation and Frequency Response Service is necessary to provide for the continuous balancing of resources (generation and interchange) with load and for maintaining scheduled Interconnection frequency at sixty cycles per second (60 Hz). Generator Regulation and Frequency Response Service is accomplished by committing on-line generation whose output is raised or lowered (predominantly through the use of automatic generating control equipment) and/or by other non-generation resources capable of providing this service as necessary to follow the moment-by-moment changes in generation output. The obligation to maintain this balance between resources and load lies with the Transmission Provider (or the Balancing Authority that performs this function for the Transmission Provider). The Transmission Provider (or the Balancing Authority that performs this function for the Transmission Provider) must offer this service when Transmission Service is used to deliver energy from a generator physically or electrically located within its Balancing Authority Area. The Transmission Customer or generator must either purchase this service from the Transmission Provider or make alternative comparable arrangements, which may include use of non-generation resources or processes capable of providing this service, to satisfy its Generator Regulation and Frequency Response Service obligation. The amount of and charges for Generator Regulation and Frequency Response Service are set forth below. To the extent the Balancing Authority performs this service for the Transmission Provider, charges to the Transmission Customer or generator are to reflect only a pass-through of the costs charged to the Transmission Provider by that Balancing Authority.

Application of the Schedule 10 Ancillary Service described above will be determined on a case-specific basis as further provided in SMUD's OATT Business Practices document posted on its publicly accessible OASIS website.

The Transmission Customer shall compensate the Transmission Provider each month up to the sum of the applicable charges set forth below:

Regulation and Frequency Response Service for Network Integration Service Transmission Customers under Part III of the Tariff:

$547.11/MW per month times the Transmission Customer's monthly coincident peak demand. However, if the Transmission Customer's average of the highest daily difference between the Transmission Customer's instantaneous demand in an hour and its schedule in that hour exceeds 4.5% or is less than 3.5% in any month, the Transmission Customer will be assessed a charge based on the rate above times the ratio of the actual percentage to 4.0%.

Regulation and Frequency Response Service for Point-to-Point Transmission Customers under Part II of the Tariff:

1) Yearly delivery: $4,311.97/MW of Reserved Capacity per year.

2) Monthly delivery: $359.33/MW of Reserved Capacity per month.

3) Weekly delivery: $82.92/MW of Reserved Capacity per week.

4) Daily delivery: $16.58/MW of Reserved Capacity per day.

5) Hourly delivery: $1.0365/MW of Reserved Capacity per hour

The total charge for Regulation and Frequency Response Service in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (4) above times the highest amount in Megawatts of Reserved Capacity in any hour during such day. In addition, the total charge for Regulation and Frequency Response Service in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (3) above times the highest amount in Megawatts of Reserved Capacity in any hour or day during such week.

President Fishman then called for public comment items not on the agenda, but none was forthcoming.

President Fishman then turned to Directors' Reports.

Director Rose reported on his speaking engagement on behalf of SMUD at an event held by the Historic Folsom District to highlight their zero emission micro transit fleet made possible in part by the Shine Award. He then reported on his attendance at SMUD's Diversity Day event and the SMUD Recognition Gala, as well as his participation in the Sacramento LGBT Center Pride March.

Director Bui-Thompson reported on her attendance at Customer Contact Week, the Sacramento Tree Foundation's Evening at the Hanami Line, and the Crocker Art Museum's 2025 Art Auction. She concluded by reporting on her participation in the Morton Golf Foundation's Annual Capital Golf Challenge.

Director Herber reported on her participation in a classroom exercise at Genevieve F. Didion school where they made solar bracelets and thanked SMUD staff for the presentation. She then reported on her participation in a tree planting at Consumnes Service District in Elk Grove, her meeting with Congresswoman Doris Matsui and the Sacramento History Museum Board, her attendance at the Sacramento Asian Pacific Chamber of Commerce's Asian Americans and Pacific Islanders (AAPI) Night Market Event, and the Sacramento Tree Foundation's Evening at the Hanami Line. She concluded by reporting on her participation in SMUD's Pride Palooza as well as the Pride Parade.

Director Kerth noted that he was unable to report on the previous month's activities at the last Board meeting due to laryngitis. He then reported on his tour of Delta Printing Company in North Natomas, his attendance at the North Sacramento Chamber of Commerce's Salute to Democracy and the State Fair Preview, and his attendance at the Sacramento Police and Sheriff's Memorial annual memorial event to honor officers who have fallen in the line of duty. He reported on his attendance at the Sacramento Metropolitan Chambers Capitol-to-Capitol event and the Energy Thought Summit (ETS). He congratulated Director Bui-Thompson for being awarded Energy Thought Leader

of the Year at ETS. He then reported on his attendance at the California Hydrogen Summit, the B-Sides Conference on computer security, the Capital Region's Small Business Administration Awards Gala, the North State Building Industry Association's meeting, and a rate presentation provided by SMUD staff at the Gardenland Northgate Association. He concluded by reporting on his attendance at the annual SMUD Recognition Gala.

Vice President Tamayo reported on his attendance at the National Action Network – Bridging the Divide Sneaker Ball and the Energy Thought Summit and extended his congratulations to Director Bui-Thompson. He then reported on his call with Next Gen, a Shine Award winner, and noted the great work they were doing to assist formerly incarcerated individuals. He also reported on his attendance at the Sacramento Asian Pacific Chamber of Commerce's Asian Americans and Pacific Islanders (AAPI) Night Market Event, his speaking event at the 2025 Filipino Fiesta, his attendance at a classroom demonstration at Sacramento Splash, and his attendance at the Greater Sacramento Economic Council's Retreat. He concluded by reporting on his attendance at the annual SMUD Recognition Gala.

Director Sanborn reported on her participation in a fundraiser for the American River Parkway Foundation, her co-sponsorship of a screening for local filmmaker and Sac State Professor Kathy Kasic's, "The Memory of Darkness, Light and Ice," about Greenland, and her participation in a tree planting at Carmichael Elementary School along with the Kiwanis Club and Boys & Girls Scouts. She then reported on her attendance at the Sacramento Business Journal's alumnae reception for Women Who Mean Business and congratulated Chief Legal Officer Laura Lewis for her recent induction, her attendance at the Builders & Brews event with the North State Building Industry Association, and her attendance at the annual SMUD Recognition Gala. She concluded by conveying a thank you from a customer with regard to the removal of a big tree and a subsequent recommended replacement and commended Vegetation Management staff and Director of Line Assets Lucas Raley for their assistance with the matter.

President Fishman reported on his speaking engagement at SMUD's Regional Workforce Development Summit and thanked Chief Diversity Officer Jose Bodipo-Memba and his team for their work on the effort. He then reported on his attendance at the opening of the tiny home village at Grow Florin and the SMUD Summer STEM Fest, as well as his speaking engagement at the Juneteenth Block Party. He stated that he wanted to take a moment to note that today was Juneteenth, an important day in history to celebrate freedom and the emancipation from slavery. He concluded by reporting on his attendance at the annual SMUD Recognition Gala.

Paul Lau, Chief Executive Officer and General Manager, reported on the following items:

1) **PRIDE Month.** I would like to start tonight's report by recognizing June as PRIDE Month. Celebrating PRIDE Month promotes acceptance, equality and awareness of the issues the LGBTIQ+ community faces. I am proud of the work we are doing to foster diversity, equity, inclusion and belonging at SMUD. At the same time, I recognize there is more to be done to create communities that are truly inclusive and equitable. Team SMUD has been busy with PRIDE Month celebrations, including, as you just heard from Director Rose and Director Herber, participating in the Sacramento PRIDE parade. Thank you so much for attending and supporting PRIDE.
2) **Juneteenth.** As President Fishman said, Juneteenth is being celebrated today. It commemorates the freedom finally granted to more than 250,000 enslaved black people in Texas in 1865. By honoring this history with occasions like Juneteenth, we remember the millions who were enslaved. The need to share the rich and often painful history of people of color in this country is critical. Finally, thank you to both the Pride@SMUD Employee Resource Group and the Black Employee Resource Group for the important work you do all year long.

3) **Regional Workforce Development Summit.** We recently hosted the third annual Regional Workforce Development Summit in South Sacramento. More than 70 representatives from nearly 60 community, business, labor, education and local government organizations attended. Participants networked and shared strategies for strengthening our collaboration in promoting a robust zero-carbon workforce. Speaking of workforce, I am pleased to share that our Regional Workforce Development team has partnered with Utility Partners of America and local community-based organizations to successfully recruit 58 local workers from under-resourced communities who are replacing 200,000 smart meters in homes across the region with the latest technology. The project was made possible by the $50 million Connected Clean PowerCity® grant we received from the Department of Energy last year, which will also bolster a clean-energy, future-ready workforce in our region. Congratulations to all for once again fulfilling our purpose by improving the lives of our customers and community through equitable workforce solutions. Huge kudos to Frankie McDermott, Chief Operating Officer, and Jose Bodipo-Memba, Chief Diversity Office, for working with our contractors to make sure that the workforce actually comes from those local communities and especially doing recruitment in under-resources communities.

4) **Green Commercial Paper.** Building on our reputation as a clean energy leader, we recently became the first municipal electric utility in the nation to issue Green Commercial Paper. This is a short-term financing tool that supports our 2030 Zero Carbon Plan and broader clean energy goals. It is a groundbreaking move that is part of our comprehensive financing strategy that also includes a $300 million bond

issuance this month. The Green Commercial Paper program builds on our strong record of responsible financial management and climate leadership. Proceeds will support infrastructure investments that reduce emissions while increasing efficiency, reliability and community impact. The reason we are so excited about this is because any time you do something new when you issue, you wonder what the market acceptance is, and the market acceptance was overwhelming. We had many more people who wanted to buy the bonds than we had to sell, and we were able to deliver those at very good prices for SMUD in terms of the interest we have to pay for those bonds. Huge kudos to Scott Martin, Chief Financial Officer, and his team, for having the leadership to push something out in the industry in spite of some of the uncertainties now. Congratulations!

5) **Awards.** In the awards space, I have some great kudos to share: Congratulations to Director Nancy Bui-Thompson on being recognized at the Energy Thought Summit (ETS) 25 as the Energy Thought Leader of the Year! This is a huge competition nationally. The candidates are utility CEOs, entrepreneurs, manufacturer and vendor CEOs, and I had the great privilege and honor to be there to surprise Director Bui-Thompson to announce it. Again, congratulations to Director Bui-Thompson for being recognized by the industry and the nation to bring such honor to SMUD for receiving the award. We also won an award from the Peak Load Management Alliance for excellence in load management thought leadership and outcomes. We were recognized for our work on the innovative experiment design, execution, evaluation, and information sharing of our residential managed electric vehicle (EV) charging pilot. Lastly, at the Northwest Public Power Association's 85th annual conference and membership meeting,

I was honored to receive the William “Bill” McCrorie Distinguished Service Award. It is humbling and a real honor to be recognized for serving the best interests of public power.

6) **Board Video.** Tonight’s video is about how SMUD is actively supporting economic development throughout our community. This includes our Supplier Education and Economic Development Program (SEED) to support under-resourced businesses and customers, as well as our many regional workforce development and entrepreneurship support efforts.

President Fishman requested the Summary of Board Direction, but there were no items.

No further business appearing, President Fishman adjourned the meeting at 7:34 p.m.

Approved:

_____ _____

President Secretary

Exhibit to Agenda Item #18

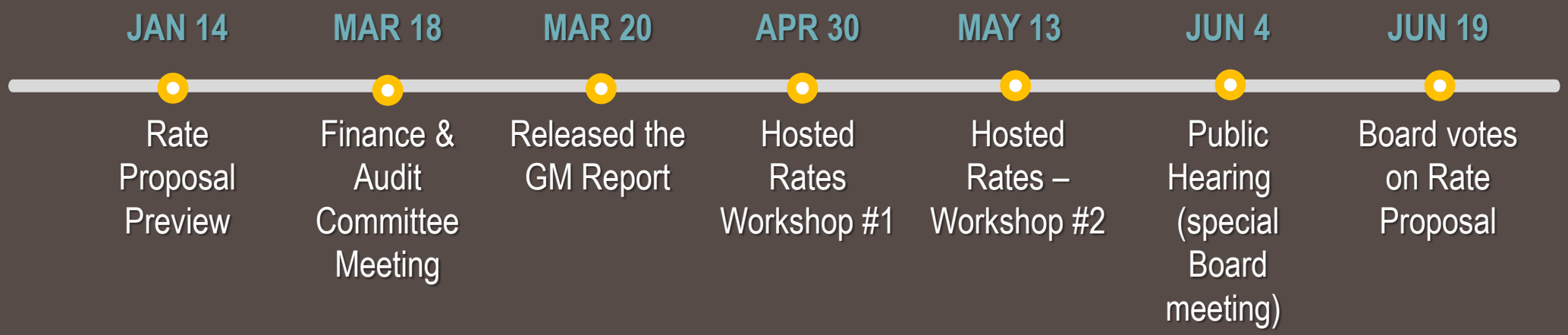
Discussion and possible approval of draft rate resolutions introduced at the June 4, 2025, Board of Directors meeting to make changes to SMUD's Rates, Rules and Regulations and Open Access Transmission Tariff (OATT) proposed by the Chief Executive Officer and General Manager's Report and Recommendation on Rates and Services (Volumes 1 & 2) dated March 20, 2025, and the Chief Executive Officer and General Manager's Report and Recommendation on OATT (Volume 1) dated March 20, 2025, together the "CEO & GM Reports."

Board of Directors Meeting

Thursday, June 19, 2025, scheduled to begin at 6:00 p.m.

SMUD Headquarters Building, Auditorium

2025 rate process timeline



Three public notices were published on Mar 27, Apr 2 and Apr 8

Extensive public education and outreach

Proposed changes to SMUD rates

Rate Proposal	Rate Increase & Effective Date	Customer Groups Impacted
2026 – 2027 rate increases	• 3% effective on Jan. 1, 2026 • 3% effective on Jan. 1, 2027	All Customers
Optional residential rate for low use customers	An optional residential rate for customers with a lower monthly fixed charge and higher energy charges	Customers with a panel size ≤125 amps that do not use much energy

Miscellaneous changes:

- **Open Access Transmission Tariff (OATT):** Update rates to reflect current costs to use SMUD's transmission system.
- **Distribution Wheeling Service:** Update prices to reflect currents cost to wheel power across distribution system.
- **Make language consistent:** Make standby charge language consistent across all tariffs.
- **Rule 6:** Clarify language regarding transferring an overdue balance to an active account to make it consistent with current policy.
- **Rule 16:** Clarify language on ownership and maintenance of certain equipment and remove outdated language on service to annexation customers.

Other utilities rate increases (%)

	2023	2024	2025	2026	2027	2025 System Average Rate ($/kWh)
Burbank	8.5%	8.0%	8.0%	9.0%	9.0%	$0.1943
Lodi*	2.0%	2.0%	-	-	-	$0.1966
Modesto**	7.4%	9.0%	5.5%	-	-	$0.1838
PG&E	13.2%	12.0%	1.6%	-2.8%	5.2%	$0.3830
Riverside	3.0%	7.0%	7.0%	7.0%	2.0%	$0.1883
Roseville	10.8%	9.0%	9.0%	-	-	$0.1852
Santa Clara	13.4%	10.0%	5.0%	-	-	$0.1577
SMUD	2.0%	5.6%	5.6%	3.0%	3.0%	$0.1755
Turlock	6.3%	-	5.6%	5.6%	5.5%	$0.1465

The 2025 System Average Rates were calculated by escalating 2023 System Average Rates from the EIA-861 Survey and self-reported 2024 data by the 2024 and 2025 rate increases as appropriate.

* Fluctuating Monthly Energy Cost Adjustment.
** Approved a Power Cost Adjustment reflecting fluctuating power supply costs effective 2025.

Public outreach process: direct engagement

Total emails to customers, local organizations and to our Listserv subscribers.

271,000+

Community & business leaders received emails, letters and/or phone calls to offer meetings & information.

2,800+

Community & business partners were provided information, fact sheets, and recorded presentations to share with their constituents, members and networks.

1,100+

Local elected officials were mailed info packets and offered to meet.

53

Outreach at community events with a total of nearly 185,000 attendees.

65+

Community organizations, neighborhood associations, and key businesses received presentations and roundtable workshops.

~40

SMUD®

Summary of alternative recommendations

- **Alternative recommendation 1**: Charge residential customers for power factor to reduce cost shifting, with a power factor charge requiring better metering and leading to more equitable rates.
  - **Response**: This rate would be a significant change from current rates, would require significant investment, and would be extremely complex for customers to understand.

- **Alternative recommendation 2**: Improve efficiency (loading order), implement better material resource planning by replacing its resource planning system, and create a standing committee for process improvement to receive a Deming Prize Award.
  - **Response**: This recommendation is not relevant to the 2025 CEO & GM Report.

Summary of alternative recommendations

- **Alternative recommendation 3**: Raise rates one percent (1%) instead of three percent (3%).
  - **Response**: Not increasing rates by three percent (3%) would result in inadequate revenue for 2026 and 2027 to meet minimum financial metrics.
- **Alternative recommendation 4**: Make the Solar and Storage Rate (SSR) export compensation vary by time-of-day time periods.
  - **Response**: This recommendation is not relevant to the 2025 CEO & GM Report.

From: Steve Uhler
To: PRA
Cc: Laura Lewis; Gregg Fishman; Public Comment
Subject: [EXTERNAL] Re: Comment on the draft rate resolution Re: Public records request, perhaps SMUD is unaware the SMUD Board"s Video Library has videos that are blocked
Date: Friday, June 13, 2025 8:19:40 AM
Attachments: image001.png
Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions.pdf

---

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions

Hello,

SMUD's reply is not responsive to my records request.

See attached "Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions.pdf".

Steve Uhler
sau@wwmpd.com

On 6/12/2025 8:24 AM, PRA wrote:

> Good morning,
>
> SMUD is in receipt of your California Public Records Act (PRA) request dated June 11th below. Records responsive to your request are attached here.
>
> As such, this will complete and close your PRA request.
>
> Thank you,
>
> Jenna Cotton
>
> *Legal Analyst, Office of the General Counsel*
>
> w.916-732-5603 | f.916-732-6581 | jenna.cotton@smud.org
>
> **We're committed to 100% zero carbon by 2030** | Join the charge at CleanPowerCity.org
>
> **SMUD** | Powering forward. Together.
>
> 6201 S Street, Mail Stop B406, Sacramento, CA 95817
>
> P.O. Box 15830, Sacramento, CA 95852-0830
>
> **Confidentiality Notice:** The information in this email is for the intended recipient(s) alone. It may have confidential information or information protected by the attorney-client privilege, attorney work product doctrine, or other privilege. If you are not an intended recipient, do not copy, distribute or take any action that relies on it. Instead, notify me immediately by reply email, and then destroy this email
>
> **From:** Steve Uhler <sau@wwmpd.com>
> **Sent:** Wednesday, June 11, 2025 10:09 AM
> **To:** PRA <pra@smud.org>; Public Comment <PublicComment@smud.org>
> **Cc:** Laura Lewis <Laura.Lewis@smud.org>; Gregg Fishman <gbfishman@gmail.com>
> **Subject:** [EXTERNAL] Comment on the draft rate resolution Re: Public records request, perhaps SMUD is unaware the SMUD Board's Video Library has videos that are blocked
>
> **CAUTION:** This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.
>
> Comment on the draft rate resolution
>
> Hello,
>
> Please provide SMUD's records retention schedule.
>
> See attached "Please provide SMUD's records retention schedule.pdf"
>
> Steve Uhler
> sau@wwmpd.com
>
> On 6/10/2025 7:31 AM, PRA wrote:
>
> > Good morning, Mr. Uhler,

SMUD is in receipt of your email dated June 5th. Below you alleged to make a Public Records Request, but it is unclear what if any records you are seeking a copy of. I did verify with staff that the linked videos were deleted in accordance with SMUD's records retention schedule.

Thank you,

Jenna Cotton

Legal Analyst, Office of the General Counsel

w.916-732-5603 | f.916-732-6581 | jenna.cotton@smud.org

We're committed to 100% zero carbon by 2030 | Join the charge at CleanPowerCity.org

SMUD | Powering forward. Together.

6201 S Street, Mail Stop B406, Sacramento, CA 95817

P.O. Box 15830, Sacramento, CA 95852-0830

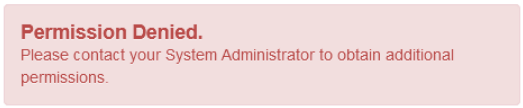
Confidentiality Notice: The information in this email is for the intended recipient(s) alone. It may have confidential information or information protected by the attorney-client privilege, attorney work product doctrine, or other privilege. If you are not an intended recipient, do not copy, distribute or take any action that relies on it. Instead, notify me immediately by reply email, and then destroy this email

From: Steve Uhler <sau@wwmpd.com>
Sent: Thursday, June 5, 2025 9:41 AM
To: Public Comment <PublicComment@smud.org>
Cc: Gregg Fishman <gbfishman@gmail.com>; Laura Lewis <Laura.Lewis@smud.org>; PRA <pra@smud.org>
Subject: [EXTERNAL] Public records request, perhaps SMUD is unaware the SMUD Board's Video Library has videos that are blocked

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment on the draft rate resolution

Public records request, perhaps SMUD is unaware the SMUD Board's Video Library has videos that are blocked.



Please see that the public has access from SMUD Board's Video Library (https://smud.granicus.com/player/clip/) for the previously disclosed videos in the attached PDF so the SMUD Board can consider my PUC 14403.5(b) writing also attached.

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions

Hello,

SMUD's reply is not responsive to my records request.

Pursuant to 60201. (b)(2) GOV-CHAPTER 7. Destruction of Records of Special Districts 60200-60204, The legislative body may, by resolution, adopt and comply with a record retention schedule that complies with guidelines provided by the Secretary of State pursuant to Section 12236, that classifies all of the district's records by category, and that establishes a standard protocol for destruction or disposition of records.

MP 07.02.01.100 - Retention Schedule.pdf does not indicate Board approval.

Please provide the citation to Board policy authorizing the MP 07.02.01.100 - Retention Schedule.

Only the following statement appears with no reference to any named Board policy.

"Employees maintain business records in accordance with SMUD policy and the Retention Schedule to ensure that records are available when and where needed and disposed of in a repeatable and defensible manner as managed by Records and Information Management. The disposition of records in accordance with the Retention Schedule satisfies the Board's directive to ensure regulatory compliance, business resiliency, and customer satisfaction in records management, consistent with lawful requirements and Board policies.".

The word "video" only appears once as follows:

RECORD TYPE: Historical Archive
SSUBTYPE: (None)
DESCRIPTION: The record type consists of historical photographs new clippings, audio, and video recordings related to SMUD that have archival value
RETENSION: Permanent
CITATION: GC§ 60201(d)(10)
RECORD OWNER: Enterprise

Please provide the Board's policy on determining "archival value".

Steve Uhler
sau@wwmpd.com

AGENDA

SACRAMENTO MUNICIPAL UTILITY DISTRICT
BOARD OF DIRECTORS MEETING
SMUD HEADQUARTERS BUILDING
AUDITORIUM – 6201 S STREET
SACRAMENTO, CALIFORNIA

June 19, 2025 – 6:00 p.m.

Virtual Viewing or Attendance:
Live video streams (view-only) and indexed archives of meetings are available at: https://www.smud.org/Corporate/About-us/Company-Information/Board-Meetings/Watch-or-Listen-online

Zoom Webinar Link: Join SMUD Board of Directors Meeting Here
Webinar/Meeting ID: 160 873 3335
Passcode: 026245
Phone Dial-in Number: 1-669-254-5252 or 1-833-568-8864 (Toll Free)

Verbal Public Comment:
Members of the public may provide verbal public comment by:

- Completing a sign-up form at the table outside of the meeting room and giving it to SMUD Security.
- Using the "Raise Hand" feature in Zoom (or pressing *9 while dialed into the telephone/toll-free number) during the meeting at the time public comment is called. Microphones will be enabled for virtual or telephonic attendees when the commenter's name is announced.

Written Public Comment:
Members of the public may provide written public comment on a specific agenda item or on items not on the agenda (general public comment) by submitting comments via email to PublicComment@smud.org or by mailing or bringing physical copies to the meeting. Email is not monitored during the meeting. Comments will not be read into the record but will be provided to the Board and placed into the record of the meeting if received within two hours after the meeting ends.

Call to Order.
a. Roll Call.

1. Approval of the Agenda.

2. Committee Chair Reports.

   a. Committee Chair report of June 10, 2025, Strategic Development Committee
   b. Committee Chair report of June 11, 2025, Policy Committee
   c. Committee Chair report of June 17, 2025, Finance & Audit Committee

Items 7 through 10 were reviewed by the June 11, 2025, Policy Committee. Items 11 through 17 were reviewed by the June 17, 2025, Finance and Audit Committee.

Comments from the public are welcome when these agenda items are called.

Consent Calendar:

3. Approve revised Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of April 16, 2025, through May 15, 2025.

4. Approve Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of May 16, 2025, through June 15, 2025.

5. Approval of the minutes of the regular meeting of May 15, 2025.

6. Approval of the minutes of the special meeting of June 4, 2025.

7. Accept the monitoring report for **Strategic Direction SD-4, Reliability**. **Policy Committee 6/11. (Frankie McDermott)**

8. Adopt the **2025 Update** to SMUD's 2023-2025 **Wildfire Mitigation Plan**. **Policy Committee 6/11. (Frankie McDermott)**

9. Accept the monitoring report for **Strategic Direction SD-8, Employee Relations**. **Policy Committee 6/11. (Jose Bodipo-Memba)**

10. Accept the monitoring report for **Strategic Direction SD-12, Ethics**. **Policy Committee 6/11. (Jose Bodipo-Memba)**

11. Approve Contract Change No. 4 to Contract No. 4500100166 with **Motorola Solutions, Inc.** for Next Generation Two-Way Radio System to increase the contract not-to-exceed amount by $5,949,221, from $13,724,750 to $19,673,971. **Finance and Audit Committee 6/17. (Suresh Kotha)**

12. Approve Contract Change No. 1 to Contract No. 4600001985 with **W.A. Chester America, LLC**, to increase the contract not-to-exceed amount by $1 million, from $2 million to $3 million, to repair the 115kV Station E to Station G Line 1 Underground High-Pressure Oil Filled (HPOF) cable fault. **Finance and Audit Committee 6/17. (Frankie McDermott)**

13. Authorize the Chief Executive Officer and General Manager to negotiate and award contracts to **ARB, Inc.**, **Michels Pacific Energy, Inc.**, and **Snelson Companies, Inc.** (collectively, the **Contracts**) to provide Gas Pipeline Operations Construction Projects and Services Support for a five-year term from July 1, 2025, to July 1, 2030, for a total aggregate not-to-exceed amount of $20 million across the three **Contracts**. **Finance and Audit Committee 6/17. (Lora Anguay)**

14. Authorize the Chief Executive Officer and General Manager to negotiate and award contracts to **WBE Traffic Control LLC**, **Capitol Barricade, Inc.**, **Statewide Traffic Safety & Signs dba AWP Safety**, **Traffic Management LLC**, **RoadSafe Traffic Systems, Inc.**, and **Greentek Services, LLC** (collectively, the **Contracts**), for Traffic Control Services for a contract term of three years from July 1, 2025, to July 1, 2028, with two optional one-year extensions, for a total aggregate not-to-exceed amount of $16 million across all the **Contracts**. **Finance and Audit Committee 6/17. (Laura Lewis)**

15. Approve Contract Change No. 5 to Contract No. 4500137959 with **Wood Mackenzie dba Power Advocate, Inc.** for consulting services to extend the contract expiration date from March 31, 2026, to December 31, 2027, and to increase the contract amount by $3 million, from $4.95 million to $7.95 million. **Finance and Audit Committee 6/17. (Laura Lewis)**

16. Authorize the Chief Executive Officer and General Manager to negotiate and execute a three-year contract renewal with **Barclays Bank** for a **Letter of Credit** that supports $150 million of the outstanding **Commercial Paper Series L**, with terms substantially similar to the attached term sheet, and any documents necessary to complete the transaction. **Finance and Audit Committee 6/17. (Scott Martin)**

17. Authorize the Chief Executive Officer and General Manager to negotiate and execute any and all contracts and documents necessary to effectuate the transfer to the **Sacramento Municipal Utility District (SMUD)** of assets and obligations of the **Sacramento Municipal Utility District Financing Authority (SFA)**, including the **Cosumnes Power Plant**, the **Carson Power Plant**, the **Procter & Gamble Power Plant**, the **Campbell Power Plant**, and the **McClellan Power Plant**. **Finance and Audit Committee 6/17. (Scott Martin)**

* * * * * * *

Discussion Calendar:

18. Discussion and possible approval of draft rate resolutions introduced at the June 4, 2025, Board of Directors meeting to make changes to SMUD's Rates, Rules and Regulations and Open Access Transmission Tariff (OATT) proposed by the Chief Executive Officer and General Manager's Report and Recommendation on Rates and Services (Volumes 1 & 2) dated March 20, 2025, and the Chief Executive Officer and General Manager's Report and Recommendation on OATT (Volume 1) dated March 20, 2025, together the "CEO & GM Reports."

Presenter: Alcides Hernandez

* * * * * * *

Public Comment:

19. Items not on the agenda.

Board and CEO Reports:

20. Directors' Reports.

21. President's Report.

22. CEO's Report.
    a. Board Video

Summary of Board Direction

* * * * * * *

FOLLOWING ADJOURNMENT OF THE FOREGOING SMUD BOARD OF DIRECTORS MEETING, A SPECIAL MEETING OF THE FOLLOWING JOINT POWERS AGENCY WILL CONVENE:

SACRAMENTO MUNICIPAL UTILITY DISTRICT FINANCING AUTHORITY

* * * * * * *

Board Committee Meetings and Special Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

June 17, 2025	Finance and Audit Committee and Special SMUD Board of Directors Meeting	Auditorium*	6:00 p.m.

* * * * * * *

Regular Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

July 17, 2025	Auditorium*	6:00 p.m.

The Auditorium is located in the lobby of the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

Members of the public shall have up to three (3) minutes to provide public comment on items on the agenda or items not on the agenda, but within the jurisdiction of SMUD. The total time allotted to any individual speaker shall not exceed nine (9) minutes.

Members of the public wishing to inspect public documents related to agenda items may click on the Information Packet link for this meeting on the smud.org website or may call 1-916-732-7143 to arrange for inspection of the documents at the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

ADA Accessibility Procedures: Upon request, SMUD will generally provide appropriate aids and services leading to effective communication for qualified persons with disabilities so that they can participate equally in this meeting. If you need a reasonable auxiliary aid or service for effective communication to participate, please email Toni.Stelling@smud.org, or contact by phone at 1-916-732-7143, no later than 48 hours before this meeting.

From: PRA
To: Steve Uhler
Cc: Laura Lewis; Gregg Fishman; Public Comment
Subject: Comment on the draft rate resolution Re: Public records request, perhaps SMUD is unaware the SMUD Board"s Video Library has videos that are blocked
Date: Thursday, June 12, 2025 8:25:22 AM
Attachments: image001.png

Good morning,

SMUD is in receipt of your California Public Records Act (PRA) request dated June 11th below. Records responsive to your request are attached here. As such, this will complete and close your PRA request.

Thank you,
Jenna Cotton
Legal Analyst, Office of the General Counsel
w.916-732-5603 | f.916-732-6581 | jenna.cotton@smud.org

We're committed to 100% zero carbon by 2030 | Join the charge at CleanPowerCity.org

SMUD | Powering forward. Together.
6201 S Street, Mail Stop B406, Sacramento, CA 95817
P.O. Box 15830, Sacramento, CA 95852-0830

Confidentiality Notice: The information in this email is for the intended recipient(s) alone. It may have confidential information or information protected by the attorney-client privilege, attorney work product doctrine, or other privilege. If you are not an intended recipient, do not copy, distribute or take any action that relies on it. Instead, notify me immediately by reply email, and then destroy this email

---

From: Steve Uhler <sau@wwmpd.com>
Sent: Wednesday, June 11, 2025 10:09 AM
To: PRA <pra@smud.org>; Public Comment <PublicComment@smud.org>
Cc: Laura Lewis <Laura.Lewis@smud.org>; Gregg Fishman <gbfishman@gmail.com>
Subject: [EXTERNAL] Comment on the draft rate resolution Re: Public records request, perhaps SMUD is unaware the SMUD Board's Video Library has videos that are blocked

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment on the draft rate resolution

Hello,

Please provide SMUD's records retention schedule.

See attached "Please provide SMUD's records retention schedule.pdf"

Steve Uhler
sau@wwmpd.com

On 6/10/2025 7:31 AM, PRA wrote:

> Good morning, Mr. Uhler,
> SMUD is in receipt of your email dated June 5th. Below you alleged to make a Public Records Request, but it is unclear what if any records you are seeking a copy of. I did verify with staff that the linked videos were deleted in accordance with SMUD's records retention schedule.
>
> Thank you,
>
> Jenna Cotton
> *Legal Analyst, Office of the General Counsel*
> w.916-732-5603 | f.916-732-6581 | jenna.cotton@smud.org
>
> **We're committed to 100% zero carbon by 2030** | Join the charge at CleanPowerCity.org
>
> **SMUD** | Powering forward. Together.
> 6201 S Street, Mail Stop B406, Sacramento, CA 95817
> P.O. Box 15830, Sacramento, CA 95852-0830
>
> **Confidentiality Notice:** The information in this email is for the intended recipient(s) alone. It may have confidential information or information protected by the attorney-client privilege, attorney work product doctrine, or other privilege. If you are not an intended recipient, do not copy, distribute or take any action that relies on it. Instead, notify me immediately by reply email, and then destroy this email
>
> **From:** Steve Uhler <sau@wwmpd.com>
> **Sent:** Thursday, June 5, 2025 9:41 AM
> **To:** Public Comment <PublicComment@smud.org>

Cc: Gregg Fishman <gbfishman@gmail.com>; Laura Lewis <Laura.Lewis@smud.org>; PRA <pra@smud.org>
Subject: [EXTERNAL] Public records request, perhaps SMUD is unaware the SMUD Board's Video Library has videos that are blocked

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment on the draft rate resolution

Public records request, perhaps SMUD is unaware the SMUD Board's Video Library has videos that are blocked.

Permission Denied.
Please contact your System Administrator to obtain additional permissions.

Please see that the public has access from SMUD Board's Video Library (https://smud.granicus.com/player/clip/) for the previously disclosed videos in the attached PDF so the SMUD Board can consider my PUC 14403.5(b) writing also attached.

Schedule Approval and Maintenance

The SMUD Retention Schedule describes the records and information SMUD employees, contractors, and third-party vendors create or receive, use, maintain, and dispose of while supporting the business activities of the organization. The construction of the Retention Schedule is based on a thorough analysis of the administrative, fiscal, legal, and historical value of the information contained within the record.

The Retention Schedule identifies business records by the record type, description, retention term, legal or regulatory citation, and record owner, with owner identified as “enterprise” for record types used across multiple business areas, e.g., contracts and meetings. A business area’s records inventory document (aka mapping document) will identify the record types it uses and serves as the area’s record file. In addition, the Records Evaluation lists the retention for each record type in the business area.

The retention shown is determined based on Records & Information Management’s consultation with the business areas, and Legal Office’s review.

Records Disposition

Employees maintain business records in accordance with SMUD policy and the Retention Schedule to ensure that records are available when and where needed and disposed of in a repeatable and defensible manner as managed by Records and Information Management. The disposition of records in accordance with the Retention Schedule satisfies the Board’s directive to ensure regulatory compliance, business resiliency, and customer satisfaction in records management, consistent with lawful requirements and Board policies.

eCommunications Policy

SMUD has implemented MP 07.02.01.102 which addresses the retention and management of email and electronic recordings

Reference Materials

Reference materials are documents that provide background information or quick facts on any given topic; examples include industry publications and best practices, materials from conferences. Reference materials are NOT records and should only be kept as long as they provide business value.

Convenience Copies

Convenience copies are duplicates of SMUD records that are created for convenience, reference or research. Convenience copies are NOT records and should only be retained as long as they fulfill a business need; these documents should be appropriately disposed of once the business need has been fulfilled.

Change Management

The SMUD Records Retention Schedule is updated at regular intervals as defined in the Records Retention Schedule Updates procedure. The Retention Schedule is modified based on completed records evaluations and consultations for business units.

Related References

Administrative Policies
AP 07.01.01 – Classification and Protection of Information
AP 07.02.01 – Records Management and Retention

Management Procedures
MP 07.02.01.101 Information Governance Roles and Responsibilities
MP 07.02.01.103 Offsite Storage of Records
MP 07.02.01.104 Records Retention
MP 07.02.01.105 Records Destruction
MP 07.03.01.111 Third-Party Outsourcing

Records Retention Schedule

TABLE OF CONTENTS

CITATION ACRONYMS 2
GENERAL SMUD RETENTION 3
CUSTOMER AND COMMUNITY SERVICES 18
FINANCE 18
GENERAL MANAGER'S OFFICE 21
GENERATION & GRID ASSETS 22
GRID STRATEGY & OPERATIONS 25
INFORMATION TECHNOLOGY 26
LEGAL OFFICE 26
WORKFORCE 26
VERSION CONTROL 31

CITATION ACRONYMS

ADA – American Disabilities Act

ANI – American Nuclear Insurers

ADEA – Age Discrimination in Employment Act

BAL – Resource and Demand Balancing Standards

BES CSI – Bulk Electric System Cyber System Information

CCP – Code of Civil Procedures

CFR – Code of Federal Regulations

CEQA – California Environmental Quality Act

COM – Communications Standards

CIP – Critical Infrastructure Protection Standards

EOP – Emergency Preparedness and Operations Standards

FAC – Facilities Design, Connections, and Maintenance Standards

FPPC – California Fair Political Practices Commission

GC – Government Code

H&S – Health and Safety

INT – Interchange Scheduling and Coordination Standards

IRO – Interconnection Reliability Operations and Coordination Standards

MOD – Modeling, Data, and Analysis Standards

NUC – Nuclear Standards

OMB – Office of Management and Budget

PER – Personnel Performance, Training, and Qualifications Standards

PRC – Protection and Control Standards

TOP – Transmission Operations Standards

TPL – Transmission Planning Standards

UFC – Uniform Fire Code

USC – United States Code

VAR – Voltage and Reactive Standards

Back to TOC

GENERAL SMUD RETENTION

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Applications	(None)	The record type consists of applications accepted by SMUD for various programs funded by SMUD. This includes applications from SMUD customers. Includes MED RATE Forms 1519c, 1519d; EnergyHELP; HomePower. Does not include applications for programs funded by grants.	Termination + 10 Years	GC § 60201(d)(10); CCP § 337.15; CCP § 337	Enterprise
Applications	Denied	The record type consists of applications denied by SMUD for various programs. This includes applications from SMUD customers. Does not include applications for programs funded by grants. Includes: MED RATE Forms 1519c, 1519d	Denied + 1 Year	CCP § 342, and GC 945.6(a)(1)	Enterprise
Audit	Regulatory	The record type consists of records required to demonstrate compliance with NERC, WECC or other regulatory entity standards.	Effective + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)*	• Grid Operations • RC&C
Budget	(None)	The record type consists of the annual operating budget approved by the Board. Includes the SSS when used as the workflow medium.	Permanent	GC § 60201(d)(10)	Finance
Business Continuity Plan (Vital)	(None)	This document describes the department's responsibilities and response to emergencies or disaster events that affect the department's ability to operate in a normal setting.	Superseded + 2 Years	GC § 60201(d)(10)	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
California Environmental Quality Act (CEQA)	(None)	Exemptions, Environmental Impact Report, Mitigation monitoring, negative declaration, notices of completion and determination, comments, statements of overriding considerations. Includes requirement letters generated from the PAC workflow (related to CEQA).	Permanent	CEQA Guidelines + 18 C.F.R. § 12.12	Legal
Claims	Legal	Records related to claims that were denied for damage or liability. Includes all correspondence, payments, notices, SSS, etc.	Denied, Settlement Date, Closed dte + 5 years	GC 25105.5, 60201(d)(4)	Legal
Communications	External	The record series consists of records related to marketing, advertising, alerts, news releases and bulletins to the public.	Effective + 7 Years	18 CFR § 125.3(42); GC § 60201(d)(10)	• Digital UX • Commercial Dev
Communications	Internal	The record series consists of records related to alerts, news releases and bulletins internally.	Effective + 2 Years	GC § 60201(d)(10)	• PMO • TDLCM
Contracts and Agreements (Vital)	(None)	The record type consists of contracts and agreements between SMUD and Regulatory parties.	Termination + 4 Years	CCP § 337 & 18 CFR § 125.3	Enterprise
Contracts and Agreements (Vital)	BANC	The record type consists of consists of contracts and agreements between BANC and Regulatory parties.	Termination + 4 Years	CCP § 337 & 18 CFR § 125.3	• Grid Operations • RC&C
Contracts and Agreements (Vital)	Plant	The record type consists of all contracts relating to acquisition or sale of plant. Contracts and other agreements relating to services performed in connection with construction of utility plant (including contracts for the construction of plant by others for the utility and for supervision and engineering relating to construction work).	Life of Plant + 6 Years	18 CFR § 125.3 (22) (a-b) 18 C.F.R. § 125.2 (g)	Supply Chain

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Contracts and Agreements	Warranties	The record type consists of all contracts and agreements that contain warranties.	Expiration of Warranty + 4 years	CCP § 337 & 18 CFR § 125.3	• TDLCM • Line Design • Supply Chain
Contracts and Agreements	Procurement	The record type consists of all documents pertaining to procurement, and not the actual Contract and Agreement: Agreements and supporting documents; including accepted bids or proposals and solicitation documentation. Note: Accepted bids are those that have been awarded.	Termination + 6 Years	18 CFR § 125.3 (25) (a-b)	Enterprise
Contracts and Agreements	Unaccepted Construction	The record type consists of all documents pertaining to the unaccepted bid or proposal, for the construction or installation of any building, structure, or other public work.	Effective+ 2 Years	GC § 60201(d)(11)	• Supply Chain • Facilities MGMT
Contracts and Agreements	Surplus Materials	The record type consists of records pertaining to the sale of surplus materials: Including the authorization for sale and contracts for sale.	Effective + 3 Years	18 CFR § 125.3 (28) (a-b)	Supply Chain
Contracts and Agreements	Equipment	The record type consists of all documents pertaining to equipment.	Life of Equipment + 3 Years	18 CFR § 125.3 (14)(c)	Warehouse
Correspondence	Executive	The record type consists of all executive correspondence.	Effective + 10 Years (review for historical significance)	GC § 60201(d)(10)	Executive Office
Correspondence	Rate Education Report	The record type consists of Time-of-Day Rate Education Reports.	Effective + 2 Years	GC § 60201(d)(10)	Marketing & Corporate Communica-tions
Customer	(None)	This record type consists of documents pertaining to SMUD customers, including contact information, communications, account information and analysis of customer usage, and meter data from property.	Close of account + 7 Years	GC § 60201(d)(10)	• Community Energy Services • Customer Retail Strategy

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Delegation of Authority	(None)	The record type consists of records that are used to authorize, assign authority for and document approval of various SMUD actions.	Inactive, Revoked, Superseded + 3 Years	GC § 60201(b)(1)	Enterprise
Drawings, Maps & Specifications	(None)	Documents, drawings or maps detailing the function of a system, facility, equipment, or object that is to be developed, constructed, or installed. Includes technical data, detailed requirements and specifications, as-built design, documentation design, construction, equipment, compliance, environmental, operations and maintenance. Workflows and SSS are also included.	Permanent	18 CFR § 125.3 (21)	Enterprise
Employee	(None)	The record type consists of department manager/supervisor records of employees used for management reference.This includes any reports generated on an employee.	Employee separation + 5 years	8 CCR 11040 (7)(A)(6), (C)(s1a)	Enterprise
Employee	Time Card	The record type consists of department time keeping records of employees such as time cards.	Effective + 3 years	29 CFR § 516.5.	Enterprise
Employee	Training	The record series consists of individual employee training history and results, includes course completion records and exam results (if any). Attendence rosters and training materials are in the Training record type.	Employee Separation + 10 Years	29 CFR § 1602.31; 29 CFR § 1627.3(a), (b)(1-2); 42 USCS 2000-e-8(c)	Enterprise
Equipment Installation & Maintenance	(None)	The record series consist of information pertaining to distribution and transmission lines, transformer, substation, pole, tower, generator, and meters. May include installation, testing, maintenance, equipment damage, disposal of equipment, and vendor	Life of Asset + 5 Years	18 CFR § 125.3 (14) (a-(b);	• T&D Line Engineering • Commercial Dev • Substation Engineering • TDLCM • Field Metering

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		manuals. Also includes information pertaining to meter history, testing and calibration of meters for accuracy. Workflows and SSS are also included.			• CMI • Survey • Civil Engineering Design • Sacramento Power Academy
Equipment Manuals (Vital)	(None)	This record series consists of equipment manuals for field and substation assets that SMUD owns and manages. These manuals are considered SMUD records because they may no longer be available from the manufacturers for the life of the asset, and they are required for maintenance and repair. All other equipment manuals are considered reference material.	Permanent	GC § 60201 (d)(10)	• Substation Maintenance • Substation Engineering • Field Metering • Telecomm O&M
Facilities Management	(None)	The record type consists of documents pertaining to facilities management records; including fire protection system incident reports and sprinkler system drawings.	Life of Facility or Asset + 5 Years	UFC § 103.3.4, GC § 60201(d)(10); 49 C.F.R § 379.13; 18 CFR § 125.3 (15)(a-c)	Facilities
Grants	Awarded	The record type consists of documents related to grants that were awarded including correspondence. Files used to administer grants from state or federal agencies. These files may contain applications, program eligibility guidelines, budgets, worksheets, adjustments, inventory list, plans, rules and regulations, award letters, staffing sheets, grant evaluation/monitoring reports, project audits documents, periodic,	Final Expenditure Report + 3 Years	OMB Circular A-110 C(53)(b); 2 CFR § 215.53 (b),(2); 10 CFR § 600.242 (b)	• Finance • AES • Grants

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		progress reports,equipment associated with grants etc. Includes the SSS when used as the workflow medium.			
Grants	Not Awarded	The record type consists of documents related to grants that were NOT awarded including correspondence. Files used to administer grants from state or federal agencies. These files may contain applications, program eligibility guidelines, budgets, worksheets, adjustments, inventory list, plans, rules and regulations, award letters, staffing sheets, grant evaluation/monitoring reports, project audits documents, periodic, progress reports,equipment associated with grants etc. Includes the SSS when used as the workflow medium.	Submission + 3 Years	OMB Circular A-110 C(53)(b); 2 CFR § 215.53 (b),(2); 10 CFR § 600.242 (b)	• Finance • AES • Grants
Historical Archive	(None)	The record type consists of historical photographs new clippings, audio, and video recordings related to SMUD that have archival value	Permanent	GC § 60201(d)(10)	Enterprise
Installation & Maintenance	(None)	The record type consists of the following records not related to projects:documents related to Grid installation and maintenance including transmission lines, transformer, substation, pole, tower, generator and other historical records, including installation, testing, maintenance, equipment damage, disposal of equipment, and vendor manuals. The record type also consists of documents pertaining to meters including history of meter, when a meter is removed	Life of Asset + 3 years	18 CFR § 125.3 (14) (a-(b) GO 165 GC § 60201 (d)(10)	Transmission & Distribution Maintenance Planning

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		and replaced, and testing and calibration of customer meters for accuracy. Includes meter test results, meter number, date of test, and any other pertinent information.			
Intellectual Property	(None)	Includes records relating to the registration of SMUD owned trademarks, service marks, logos, copyrightable works, and patentable inventions (e.g., applications for registration and documents to support such filings). This includes applications written by SMUD developers, includes notes, documentation, source code, workflow diagrams, etc.	Permanent	Copyright Act of 1976 [17 U.S.C. §§ 101- 810 and related statutes]; the Lanham (Trademark) Act [15 U.S.C. Ch. 22 and related statutes]; and the U.S. Patent Act [35 U.S.C. §§ 1 et seq. and related statutes].	Legal
Legal	Action and Support	Information generated by Legal and other business units related to Case files including Legal advice on court filings, motions/complaints, and Legal Hold process and support. Also includes Legal opinions/attorney advice for SMUD business areas. This information is considered Attorney-Client Privileged	Permanent	60201(d)(4) , GC 34090 CCP § 338;	Legal
Legislative Reviews	(None)	The record type consists of documents relating to proposed legislations/regulations including draft publications, comment letters, status updates/reports, correspondence, workshops comments and decisions, meeting agendas, oversight of SMUD projects that may require GA support, as well	Approved/Denied + 15 years	GC 34090	Legal

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		as all supporting documentation. Some of these documents may be Confidential and not for public disclosure (attorney-client privilege).			
Loan	(None)	This record type consists of loan documentation, correspondence, disclosures, reports, loan agreements for residential and commercial customers. Includes the SSS when used as the workflow medium.	Closure of Loan + 5 Years	12 CFR Part 1026.25 (C)(1)(ii)(B); 1026.25(c)(2)(i)	• Customer Care • Sustainable Communities
Maintenance	Vegetation	The record type consists of documents pertaining to the maintenance and inspection of transmission and distribution vegetation. Includes communications to customers related to Vegetation Management policy.	Effective + 3 Years	FAC 003-4	Vegetation Management
Meetings	(None)	The record type consists of documents that describe the content of, or attendance at, internal and external meetings; includes, the presentation slide deck, meeting agendas, meeting minutes, and meeting notes.	Effective + 5 Years	GC § 60201(d)(10)	Enterprise
Meetings	BANC	The record type consists of BANC documents that describe the content of, or attendance at, internal and external meetings; includes, the presentation slide deck, meeting agendas, meeting minutes, and meeting notes	Effective + 5 Years	GC § 60201(d)(10)	Grid Operations
Meetings	Board	The record type consists of Board Agenda, Closed Meeting Minutes, Notices, Event, Hearing, Workshop, Meeting Minutes, and Resolutions	Permanent	GC § 60201(d)(1)(3)	• Customer • Grid & Strategy • Legal
Meetings	Executive	The record type consists of Executive documents that	Permanent	GC § 60201(d)(10)	Executive Office

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		describe the content of, or attendance at, internal and external meetings; includes, the presentation slide deck, meeting agendas, meeting minutes, and meeting notes			
Policies & Procedures	(None)	The record type consist of organizational and department policies and procedure documents describing business responsibilities. Includes process workflows, standards, related supporting documents, and approval workflows.	Superseded + 3 Years	GC § 60201 (d)(10)	Enterprise
Policies & Procedures	BANC	The record type consists of BANC policies and procedures that describe core business responsibilities. Includes workflows, standards, and process documents.	Superseded + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)	• Grid Operations • RC&C
Policies & Procedures (Vital)	Compliance Program	The record type consists of organizational and department policies and procedures that describe core business responsibilities regarding compliance, testing, safety, design change, maintenance; NERC/WECC Procedures; Operating Procedures; and Plant System NERC Alert Procedure. Includes workflows, standards, and process documents.	Superseded + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)	• Grid Operations • RC&C • Field Metering
Public Records Act Requests	(None)	Correspondence related to approved and denied Public Records Act Request (PRA) and tracking.	Response date + 2 years	60201(d)(5)	Legal
Project	General	The record type consists of documents and correspondence related to	Completion + 10 Years	18 CFR 368.3; GC §	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		general projects, capital projects, and construction non-capital projects. This includes project plans, gap analysis, schedules and project supporting documentation. Also can include capital engineering, equipment installations, modifications or new construction or modification of existing building or structures,		60201(d)(10); CCP 337.15 CIV § 941(a)	
Project	Cancelled	The record type consists of documents and correspondence related to cancelled projects.	Cancelled + 4 Years	GC 60201(d)(11)	Line Design
Project	Construction/ Improvement Capital	The record type consists of documents and correspondence related to capital engineering, equipment installations, modifications or new construction or modification of existing buildings or structures. Includes GPO gas pipeline projects. May contain copies of design, drawings, and maps. Includes the SSS when used as the workflow medium. *Not related to environmental.*	Life of Facility + 10 Years	GC § 60201(d)(10) 18 CFR § 125.3 (21) 18 CFR § 125.22 CCP 337.15 GC § CIV § 941(a)	Enterprise
Project	Environmental	The record type consists of documents and correspondence pertaining to environmental (including water) projects including studies, bids, plans, specifications, and inspection reports, copies of photos, maps, drawings and designs. Includes the SSS when used as the workflow.	Permanent	18 CFR § 12.12 GC § 60201(d)(10)	Enterprise
Real Estate	(None)	The record series consists of all documents related to real estate acquisitions and	Permanent	CA GC §60201(d)(1) GC § 34090a	• Environmental & Real

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		disposals; including correspondence/letters, deeds, drawings, maps, and title insurance.		GC § 6254 18 CFR 125.3(20)(a) GC § 34090a	Estate Services • Survey
Receipts	(None)	The record type consists of all travel related documents and receipts including P-card receipts.	Paid Date + 7 Years	GC § 60201(d)(12)	Enterprise
Receiving	(None)	The record type consists of all documents pertaining to receiving: shipping notices, shipment tracking, and receiving inspection notes.	Effective + 1 Year	49 CFR § 379.13 (l)(2)	Warehouse
Records Management	(None)	The record type consists of documents related to records management activities. Includes information management procedures, retention schedules, records inventory, UAT and IT testing sign-off related to information management, certification of destruction, business group specific training presentations and recordings	Permanent	GC § 60201 (d)(10	Enterprise
Reports, Studies and Logs	(None)	The record type consists of department or individual reports to management or other groups. These reports are can include regulatory or legislative agency reports.	Effective + 7 Years	GC § 60201(d)(10)22 CCR § 66265.192 NERC CIP-011-2 NERC CIP-008-6 CA GC §60201(b)(1) NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2); 14300.33 Cal OSHA	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Reports, Studies and Logs	BANC	The record type consists of BANC reports to management or other groups.	Effective + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)	• Grid Operations • RC&C
Reports, Studies and Logs	General Manager Report	The record type consists of the General Manager Report that is created by the Pricing team. It contains important information in relation to rates and services and key functions of the organization. Historical value is tied to these records and the retention reflects this importance.	Permanent	GC § 60201(d)(10)	Pricing
Reports, Studies and Logs	NERC Investigation Non-Compliant	This record type is the same as the compliant version, but these must be held onto until mitigation is complete.	Closed + 7 Years	NERC CIP-011-2 NERC CIP-008-6	• Governance Risk & Compliance • RC&C
Reports, Studies and Logs	Power Theft Investigations - Confirmed	The record series consists of documents supporting Power Theft Investigations where a theft **is present.** Closed is based on claim being paid, deemed uncollectible, or by a court judmgement.	Closed + 5 Years	CA GC §60201(d)(10)	Revenue Protection
Reports, Studies and Logs	Power Theft Investigations - Dismissed	The records series consists of documents supporting Power Theft Investigations where a theft **is not present.**	Closed + 1 Year	CA GC §60201(d)(10)	Revenue Protection
Reports, Studies and Logs	Prevailing Wages	This record series consists of reports and studies including information from contractors and subcontractors of projects documenting compliance with PUC § 465. This series may include, but is not limited to, certified payroll reports, compliance	Final Payment + 3 Years	PUC § 465 CA GC §60201(d)(10)	Vegetation Management

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		statements, investigative reports, verifications, nonperformance payroll reports, applicable forms, related correspondence, and similar documents.			
Safety	(None)	All general information related to safety. Includes tailboards, Driver load check, SMUD DOT Shipping Papers, etc. (OSHA required safety information and supporting documentation if an incident occurs). Does NOT include HAZWOPER.	Modified + 7 Years	CA GC §60201(d)(10) 14300.33 Cal OSHA	• Substation Maintenanc e • Substation Engineering • Survey
Specifications,Dr awings & Maps	(None)	The record type consists of documents or drawings detailing the function of a system, facility, equipment or object that is to be developed, constructed, or installed. Documents include technical data, detailed requirements, as-built design, documentation design, construction, equipment, compliance, environmental, operations and maintenance.	Permanent	18 CFR § 125.3 (21)	Line Design
Specifications,Dr awings & Maps	Facilities	The record type consists of documents pertaining to facilities management records including design change notices, facilities drawings, project plans and schedules. This record type also includes: Construction Non-Capital Drawings, Improvement Non-Capital drawings.	Life of Facility + 10 Years	NRC Regulatory Guide 1.28 Revision 3 18 CFR § 125.3 (21)	Facilities
Technical Support	(None)	The record type consists of document related to Support Center tickets, request logs, etc.	Closed Date + 2 Years	GC § 60201(d)(10)	IT Operations
Technology	(None)	The record series consists of documents related to the planning, execution and implementation of network	Life of System + 3 Years	GC § 60201(d)(10)	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		and system components; this includes both hardware and software documentation, implementation plans, installation records, manuals, quality assurance records, testing and user acceptance documents, and cost-benefit analysis.			
Technology	Software	The record series consists of software programs & manuals not maintained by the SMUD Information Technology group during its usage at SMUD.	Deactivated + 2 Years	18 CFR § 125.3 (5)	• TDLCM • IT Security IT Operations
Training	(None)	The record type consists of documents pertaining to course content and may include course description and outline, and associated materials. Individual employee training history and results are found in the Employee – Training record type.	Superseded + 7 Years	GC § 60201 (d)(1)(3)	Enterprise
Training	Compliance	The record series consists of documents pertaining to trainings that result in employee certifications or fulfill a compliance obligation including HAZWOPER Training. This includes the program or course description, course content, rosters, course evaluation, completion records, exam masters (blanks masters and exams), and certification (if available).	Permanent	CIP-004-6; 29 CFR § 1910.120(e); GC § 60201 (d)(1)(3); 8 CCR § 3204(d)(1)(A); 29 CFR § 1910.1020(d)(1)(i); 19 CFR § 1910.120 (f)(8)(i); 40 CFR § 265.16(e)	• Enterprise
Utility Rates	(None)	General files of published rate sheets and schedules of utility service and supporting documentation. Includes schedules suspended or superseded. Includes analysis created for support of Commercial Customers	Superseded + 10 Years	18 CFR § 125.3	Pricing

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		contracts, such as Utility Rates Analysis.			
Vehicle	(None)	The record type consists of documents pertaining to SMUD vehicles including repair manuals, permits, recalls, and repair records. Additionally, documents pertaining to inspection of SMUD vehicles including SMOG, UST inspections, off-road equipment, and fuel monitoring reports, crane & aerial equipment, maintenance, and supporting documentation are included in this record type.	Life of Asset + 3 Years	49 C.F.R § 379.13	Enterprise

Back to TOC

CUSTOMER AND COMMUNITY SERVICES

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Bankruptcy Records	(None)	The record type consists of document, including Correspondence related to a customer bankruptcy.	Effective + 10 Years	Cal Rev & Tax Code 3007; Cal Rev & Tax Code 2963	Customer & Community Services
Report of Cash Payments over $10,000	(None)	This record type consists of documents related to receipt of cash payments over $10,000 received in a trade or business. IRS Form 8300	Submission + 5 Years	26 CFR § 1.6050I-1(e)(3)(iii); 26 CFR § 1.6050I-1(c)(3); 31 CFR § 1010.330(e)	Customer & Community Services

Back to TOC

FINANCE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Accountants' or Auditors' Reports	(None)	The record type consists of the organizations financial and grant statements. Includes the SSS when used as the workflow medium.	Audit + 7 Years	18 CFR § 125.3 (4)(a-b)	Finance
Accounts	Payable	The record type consists of Accounts Payable documents including correspondence, invoices, and expenses related to contracts and purchase orders, requests for payment, procurement cards, petty cash, business travel, energy efficiency rebates and incentives, customer refunds, education assistance, Joint Power Authority expenditures, natural gas royalty payments (ROSA), utilities, and employee reimbursements. Includes the SSS when used as the workflow medium.	Effective + 7 Years	GC § 60201(d)(10)	Finance
Accounts	Receivable	The record type consists of Accounts Receivable records including billings, correspondence and other documentation for electric sales, Energy Settlements	Effective + 5 Years	GC § 60201(d)(10)	Finance

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		for gas and power sales, Joint Power Authority billings and cash calls, contracts, new construction and services, diagnostic services, cell site contracts, joint pole usage, scrap sales, charges for damage to SMUD property, Allowance for Bad Debt adjustments, along with all customer payments. Includes the SSS when used as the workflow medium.			
Budget	Approved	The record type consists of the annual operating budget approved by the Board. Includes the SSS when used as the workflow medium.	Permanent	GC § 60201(d)(10)	Finance
Budget	Proposed	The record type consists of the proposed budget, correspondence, and working papers compiled as part of the budget preparation. Includes the SSS when used as the workflow medium.	Current Year + 2 Years	GC § 60201(d)(10)	Finance
Cash Reconciliation	(None)	The record type consists of statements from depositories showing details of funds received, disbursed, transferred, and balances on deposit.	Current Year + 2 Years	18 CFR § 125.3 (36)(a); GC § 60201(d)(10)	Finance
Finance Report	(None)	The record type consists of the SMUD Financial Reports.	Effective + 7 Years	18 CFR § 125.3 (4), (41)	Finance
Invoices	Plant	The record type consists of invoices for capital expenses that pertain to the generation or transmission line or appropriate group of transmission lines for Plant in Service.	Life of Location + 7 Years	18 CFR § 125.2 (g)(1)	Finance
Journal Vouchers	(None)	The record type consists of journal vouchers and entries, records of deposits with banks and other, check stubs, and register.	Effective + 10 Years	18 CFR § 125.3 (10)	Finance
Plant and Depreciation - WIP	(None)	The record type consists of “in service” construction work, in progress ledgers, work orders, and supplemental records.	Life of Location + 7 Years	18 CFR § 125.3 (17)(a-g)	Finance
Reports, Studies, and Logs	Research Change	The record type consists of accounting and tax research documents for forecasting.	Permanent	GC § 60201(d)(10)	Finance
Superfund (CERCLA)	(None)	The record type consists of financial and programmatic records including correspondence, statistical records,	Submission + 10 Years	40 CFR § 307.33	Finance

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		and other documents that are to be maintained by the terms of the program regulations, or the Cooperative Agreement. Written approval from the EPA Award official must be obtained before destruction of any records covered under the record type.			
Tax Documents	(None)	The record type consists of the tax records including correspondence, tax returns, schedules, sales and other use taxes.	Effective + 5 Years	18 CFR § 125.3(34)(a)(3);	Finance

Back to TOC

GENERAL MANAGER'S OFFICE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Audit Records	(None)	The Record type consists of documents related to audits and include correspondence, planning, program, audit reports and audit response documents.	Effective + 7 Years	18 CFR § 125.3(4); 18 U.S.C.S § 1520(a)	Audit & Quality Services
Board of Directors Records	(None)	The record type consists of documents related to compensation, facsimile confirmations, member and meetings calendars, correspondence, and forms.	Effective + 10 Years	GC § 60201(d)(10)	General Manager's Office

Back to TOC

GENERATION & GRID ASSETS

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Brochures/ Bulletins	Plant	The record type consists of documents related to compensation, facsimile confirmations, member and meetings calendars, correspondence, and forms.	Life of Location + 7 Years	18 CFR § 125.2(g)	Generation & Grid Assets
Commission Orders and Decisions	Plant	This record type consists of orders or decisions from regulatory agencies and requests for changes to instructions.	Life of Location + 7 Years	18 CFR § 125.3 (2)(b)	Generation & Grid Assets
Construction	Plant	The record type consists of documents pertaining to design, design calculations, and construction standards and the completion of construction, outstanding tasks, startup, commissioning, and final project.	Life of Location + 7 Years	18 CFR § 125.3 (17)(a-g)	Generation & Grid Assets
Field Directives RFI Memos	Plant	The record type consists of documents pertaining to communication and instructions to and from the field primarily during construction. Documents include questions from construction contractors pertaining to clarifications and/or directions.	Life of Location + 7 Years	18 CFR § 125.3 (2)(b)	Generation & Grid Assets
Gas Pipeline Records	(None)	This record type consists of all documents related to gas pipeline transmission and generation, including maintenance, testing, replacement, etc.	Life of Pipeline	49 CFR § 193.2639 (c)(1)(2); 49 CFR § 193.2321(c)	Generation & Grid Assets
Maintenance Work Orders	(None)	The record type consists of documents related to maintenance activities such as scheduling authorization for expenditures, summary of expenditures, work order sheets including labor materials and other charges in connection with maintenance or other work related to utility operations.	Effective + 5 Years	18 CFR § 125.3 (15)(a-c)	Generation & Grid Assets

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Reports, Studies, and Logs	Hydrology	The record type consists of documents pertaining to water flow data from rivers, streams, and reservoirs in association with hydroelectric power generation. Documents include field notes and hydrology gauge reading reports, hydrology inspection reports, audit reports, nonconformance reports (NCRs), infrared thermo graphic (IR) survey, class location study, headwaters Determination Report; Station Ratings, transportation study, fish/frog survey, boat ramp usage.	Permanent	18 CFR § 125.2(g)(2); 18 CFR § 125.3 (13.1)(c)(1); 18 CFR § 12.12	Generation & Grid Assets
Permits, Apps, Licenses and Certs	(None)	The record type consists of all documents related to "plant-in-service" permits, applications, licenses, and certifications. Include documents related to notices and notifications related to existing permits, applications, licenses and certifications.	Life of Location + 7 Years	18 CFR § 125.2 (g)	Generation & Grid Assets
Plans and Programs	Plant	The record type consists of documents related to ongoing programs and special project plans such as EAP program, Hazmat Business plans, traffic control plan, emergency evacuation plan, first responder program; mitigation plans.	Life of Location + 7 Years	18 CFR § 125.2 (g)	Generation & Grid Assets
Reports, Studies, and Logs	Reliability Planning	The record type consists of documents related to 5-year reliabilities studies. Documents include Alternatives/Upgrades, Generator Interconnection, Outage Coordination, Regional Agencies, Summer Assessments, and Voltage.	Effective + 5 Years	18 CFR § 125.3 (38)	Generation & Grid Assets
Schedules	Plant	The records type consists of schedules for special or routine projects, Annual Maintenance, Outage (NERC required schedules).	Life of Location + 7 Years	18 CFR § 125.3 (38)	Generation & Grid Assets
Software	Plant	The record series consists of software programs & manuals not maintained by the SMUD Technology group. Includes	Superseded + 6 Years	18 CFR § 125.3 (5)	Generation & Grid Assets

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		equipment and hydrology software.			

Back to TOC

GRID STRATEGY & OPERATIONS

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Energy Trading Reports/ Forecasts	(None)	The record type consists of documents pertaining to energy trading commodity budget forecasts and risk management reports.	Effective + 10 Years	7 USCS § 6 (a)(3); 17 CCR § 95111(a)(9)	Grid Strategy & Operations
Gauge Reading Reports	(None)	The record type consists of documents pertaining to gauge reading reports. Does not include river flow data in connection with hydro operations.	Effective + 2 Years	18 CFR § 125.3 (13.1)(f)	Grid Strategy & Operations
Photovoltaic Data – Planning and Forecast	(None)	This record type consists of Photovoltaic planning and forecasting records. Review in 10 years.	Effective + 20 Years	GC § 60201(d)(10)	Grid Strategy & Operations
Polychlorinated/ Biphenyls (PCB)	(None)	The record type consists of documents pertaining to polychlorinated/biphenyls (PCB) annual logs and records for monitoring, sampling, testing, and analysis.	Last Use + 3 Years	40 CFR § 761.180 (a); 40 CFR § 761.30 (a)(1)(xii)	Grid Strategy & Operations

Back to TOC

INFORMATION TECHNOLOGY

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Information Systems - Backup	(None)	The record type consists of backups of electronically stored information retained for disaster recovery and business continuity.	Effective + 30 Days	GC § 60201(d)(10)	Information Technology

Back to TOC

LEGAL OFFICE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Insurance	Nuclear	The record type consists of property and casualty insurance policies Insurance - (Nuclear).	Life of Policy + 10 Years	ANI Bulletin 15-01	Legal Office
Insurance	Non-Nuclear	The record type consists of property and casualty insurance policies (Non-Nuclear).	Life of Policy + 10 Years	18 CFR § 125.3 (12)(a)	Legal Office
Permits & Licenses Registrations, Applications & Renewals	(None)	The record type consists of documents related to submission for permits and licenses, registrations, applications, and renewals. Documents include correspondence, responses to notices and notifications as required.	Canceled, Replaced or Expired + 2 Years	GC § 60201 (d)(10)	Legal Office
Policy and Procedure	Board	The record type consists of Policies and Procedures of the Board.	Permanent	GC § 60201 (d)(10)	Legal Office

Back to TOC

WORKFORCE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Chronological Files	(None)	The record type consists of documents created to support billing of customer and include correspondence, investigations, and analysis	Effective + 2 Years	GC § 60201(d)(10)	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		of customer usage, and meter data from property.			
Conflict of Interest	(None)	The record type consists of documents pertaining to customer contact information related to account.	Effective + 7 Years	GC § 81009 (e)	Workforce
Disciplinary Files	(None)	This record type consists of loan documentation, correspondence, UCC's, Disclosures, reports, loan agreements for residential and commercial customers. Includes the SSS when used as the workflow medium.	Effective + 5 Years	29 CFR § 1602.31; GC § 60201(d)(10)	Workforce
Drug Tests	Negative	The record type consists of documents related to drug tests performed based on qualified suspicious actions.	Effective + 1 Year	49 CFR § 333(a)(4)	Workforce
Drug Tests	Positive	The record type consists of documents related to drug tests performed based on qualified suspicious actions.	Effective + 5 Years	49 CFR § 333(a)(1)	Workforce
Employee Benefits Plan	None	The record type consists of documents related to employee benefits such as health & life insurance, and retirement benefits.	Effective + 100 Years	29 USCS § 1059 (a)(1-2)	Workforce
Employee Claims	ADA	The record type consists of documents related to employee ADA claims. Retain until all appeals related to the claim proceedings are terminated.	Settlement + 3 Years	29 CFR § 1627.3 (b)(2)	Workforce
Employee Claims	Disability Retirement	The record type consists of documents related to employee claims for disability retirement.	Termination of Employment + 6 Years HAZWOPER – Termination of Employment + 30 Years	8 CCR § 3204(d)(1)(A); 29 CFR § 1904.33; 29 CFR § 1910.1020 (d)(1)(i), (d)(1)(i)(C); GC § 12946 (p1)	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Employee Claims	FMLA (Family Medical Leave Act)	This record type consists of Regulatory Compliance Documentation Correspondence – Form Letters.	Closure + 3 Years	29 CFR § 1602.31; 29 CFR § 1627.3 (a), (b)(1); 29 CFR § 825.500 (a)-(c)(1)-(7), (d)(e); GC § 12946 (p1)(p2)	Workforce
Employee Claims	STD/LTD (Short Term & Long Term Disability)	The record type consists of Disability Benefit Forms. Benefit Administration – claim application, correspondence, benefit calculation, and provision information.	Settlement + 4 Years	GC § 12946 (p1(p2)	Workforce
Employee Claims	Workers' Compensatio n Benefits	The record type consists of Regulatory Compliance Documents – State injury reports, benefit payment & other compliance documents and awards.	Closure + 5 Years	8 CCR 15400.2 (a)(b)	Workforce
Employee Records	Medical	This record type consists of documents related to employee health status including medical and employment questionnaires. Employment Less Than 1 Year = Termination of Employment (Employee to be provided Medical Records).	Termination of Employment + 6 Years HAZWOPER – Termination of Employment + 30 Years	8 CCR § 3204(d)(1)(A); 29 CFR § 1904.33; 29 CFR § 1910.1020 (d)(1)(i)	Workforce
Employee Records	Non-Nuclear	This record type consists of documents pertaining to employee actions, agreements, appraisals, process, separation, and medical records. Medical records are to be filed separate from the main employee record. Does not include Nuclear employees.	Termination of Employment + 6 Years	29 CFR § 1627.3 (a), (b), (1-2); 29 CFR § 1602.31; 42 USCS § 2000e-8 (c)	Workforce
Employee Records	Nuclear	The record type consists of Rancho Seco personnel records (Nuclear).	Life of Policy + 10 Years	ANI Information Bulletin 15-01	Workforce
Employee Safety	Incident	The record type consists of SMUD Employee Injury/Illness, Employee Non-Industrial Injury/Illness.	Termination of Employment + 6 Years	29 CFR § 1904.33	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Employee Safety Incident	HAZWOPER Exposure	The record type consists of documents related to exposure and medical records when employees are exposure to hazardous or toxic substances.	Termination of Employment + 30 Years	29 CFR § 1910.1020 (d)(1)(i); 8 CCR 3204 (d)(1)(A)	Workforce
Goods Receipt	Plant	The record type consists of the documents supporting the receipt of material goods that pertains to Transmission or Generation only for Plant in Service.	Life of Location + 7 Years	18 C.F.R.§ 125.3 (25) (a), (b)	Workforce
Grievances	(None)	The record type consists of documents related to grievances filed by bargaining unit employees.	Closure + 5 Years	29 CFR § 402.9	Workforce
IBEW/OSE Records	(None)	The record type consists of documents related to IBEW/OSE bargaining negotiations.	Termination + 5 Years	29 CFR § 402.9	Workforce
Payroll Register	(None)	The record type consists of the labor costs by employee and program.	Permanent	29 CFR § 516.5(a); LC § 1174(d); GC § 60201(d)(10)	Workforce
Payroll	Timecards/ sheets	The record type consists of employee tie cards/sheets.	Effective + 6 Years	LAB §§ 1174, 1197.5; 29 CFR § 516.6; 8 CCR §§ 11000-11150	Workforce
Permits, Apps, Licenses and Certificates	Real Estate	The record type consists of certificates, permits, applications, licenses granting SMUD authority to exercise a certain privilege.	Permanent	GC § 60201(d)(10)	Workforce
Plans and Programs	Plant	The record type consists of certificates, permits, applications, licenses granting SMUD authority to exercise a certain privilege.	Life of Location + 7 Years	GC § 60201(d)(10)	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Security Operations	(None)	The record type consists of documents related to security systems for protection of employees, equipment, facilities. Documents may include security surveys, risk assessments, on-shift paperwork, complaint reports, parking citations, security clearances, security badges, master keys, security investigations, and emergency contact lists.	Effective + 5 Years	GC § 60201(d)(10)	Workforce
SMUD Organizational Charts	(None)	The record type consists of organizational charts maintained by Human Resources. HR is the record owner for this record type.	Permanent	GC § 60201(d)(10)	Workforce

**Plant – Each generating station and each transmission line or appropriate group of transmission lines.

Back to TOC

VERSION CONTROL

VERSION	CHANGE	SIGNATURE APPROVAL	DATE
1	New		06/2014
2	Administration – General		02/2016
3	Administration – General		12/2017
4	Administration – General		06/2019
5	Administration – General		06/2022

State of California

GOVERNMENT CODE

Section 12236

12236. (a) The Secretary of State shall establish a Local Government Records Program to be administered by the State Archives to establish guidelines for local government records retention and to provide archival support to local agencies in this state.

(b) The Secretary of State shall establish, publish, update, and maintain on a permanent basis guidelines for local government records retention. The Secretary of State may consult with appropriate professional organizations representing city, county, and special district records administrators regarding the establishment of these guidelines.

(c) The program shall be primarily responsible for the performance of the following functions:

(1) Publish the guidelines developed pursuant to subdivision (b) in paper form initially and on the Internet web site for the Secretary of State.

(2) Monitor and review changes in state laws and administrative regulations that pertain to local government records retention.

(3) Monitor practices and procedures in records administration that have bearing on local government records retention and management.

(4) Update published guidelines on a current and timely basis as changes occur.

(5) Make supporting information about state laws and administrative regulations that pertain to local government records retention available to local government agencies.

(6) Function as the liaison for the State Archives with appropriate professional organizations.

(7) Maintain communication with individual local government agencies.

(8) Consult and provide information and advice to local government agencies on archival and records management practices.

(9) Consult and provide information and advice to local government agencies on history and heritage.

(Amended by Stats. 2014, Ch. 28, Sec. 23. (SB 854) Effective June 20, 2014.)

State of California

GOVERNMENT CODE

Section 60201

60201. (a) For purposes of this section, "record" means any record consisting of a "writing," as defined by Section 7920.545.

(b) The legislative body of a district may destroy or dispose of any record that is not expressly required by law to be filed and preserved through either of the following procedures:

(1) The legislative body may authorize the destruction or disposition of any category of records if it does both of the following:

(A) Adopts a resolution finding that destruction or disposition of this category of records will not adversely affect any interest of the district or of the public.

(B) Maintains a list, by category, of the types of records destroyed or disposed of that reasonably identifies the information contained in the records in each category.

(2) The legislative body may, by resolution, adopt and comply with a record retention schedule that complies with guidelines provided by the Secretary of State pursuant to Section 12236, that classifies all of the district's records by category, and that establishes a standard protocol for destruction or disposition of records.

(c) A district is not required to photograph, reproduce, microfilm, or make a copy of any record that is destroyed or disposed of pursuant to this section.

(d) Notwithstanding any other provision of this section or other provision of law, a district may not destroy or dispose of any record that is any of the following:

(1) Relates to formation, change of organization, or reorganization of the district.

(2) An ordinance adopted by the district. However, an ordinance that has been repealed or is otherwise invalid or unenforceable may be destroyed or disposed of pursuant to this section five years after it was repealed or became invalid or unenforceable.

(3) Minutes of any meeting of the legislative body of the district.

(4) Relates to any pending claim or litigation or any settlement or other disposition of litigation within the past two years.

(5) Is the subject of any pending request made pursuant to the California Public Records Act (Division 10 (commencing with Section 7920.000) of Title 1), whether or not the district maintains that the record is exempt from disclosure, until the request has been granted or two years have elapsed since the district provided written notice to the requester that the request has been denied.

(6) Relates to any pending construction that the district has not accepted or as to which a stop notice claim legally may be presented.

(7) Relates to any nondischarged debt of the district.

(8) Relates to the title to real property in which the district has an interest.

(9) Relates to any nondischarged contract to which the district is a party.

(10) Has not fulfilled the administrative, fiscal, or legal purpose for which it was created or received.

(11) Is an unaccepted bid or proposal, which is less than two years old, for the construction or installation of any building, structure, or other public work.

(12) Specifies the amount of compensation paid to district employees or officers or to independent contractors providing personal or professional services to the district, or relates to expense reimbursement to district officers or employees or to the use of district paid credit cards or any travel compensation mechanism. However, a record described in this paragraph may be destroyed or disposed of pursuant to this section seven years after the date of payment.

(Amended by Stats. 2021, Ch. 615, Sec. 209. (AB 474) Effective January 1, 2022. Operative January 1, 2023, pursuant to Sec. 463 of Stats. 2021, Ch. 615.)

Schedule Approval and Maintenance

The SMUD Retention Schedule describes the records and information SMUD employees, contractors, and third-party vendors create or receive, use, maintain, and dispose of while supporting the business activities of the organization. The construction of the Retention Schedule is based on a thorough analysis of the administrative, fiscal, legal, and historical value of the information contained within the record.

The Retention Schedule identifies business records by the record type, description, retention term, legal or regulatory citation, and record owner, with owner identified as “enterprise” for record types used across multiple business areas, e.g., contracts and meetings. A business area’s records inventory document (aka mapping document) will identify the record types it uses and serves as the area’s record file. In addition, the Records Evaluation lists the retention for each record type in the business area.

The retention shown is determined based on Records & Information Management’s consultation with the business areas, and Legal Office’s review.

Records Disposition

Employees maintain business records in accordance with SMUD policy and the Retention Schedule to ensure that records are available when and where needed and disposed of in a repeatable and defensible manner as managed by Records and Information Management. The disposition of records in accordance with the Retention Schedule satisfies the Board’s directive to ensure regulatory compliance, business resiliency, and customer satisfaction in records management, consistent with lawful requirements and Board policies.

eCommunications Policy

SMUD has implemented MP 07.02.01.102 which addresses the retention and management of email and electronic recordings

Reference Materials

Reference materials are documents that provide background information or quick facts on any given topic; examples include industry publications and best practices, materials from conferences. Reference materials are NOT records and should only be kept as long as they provide business value.

Convenience Copies

Convenience copies are duplicates of SMUD records that are created for convenience, reference or research. Convenience copies are NOT records and should only be retained as long as they fulfill a business need; these documents should be appropriately disposed of once the business need has been fulfilled.

Change Management

The SMUD Records Retention Schedule is updated at regular intervals as defined in the Records Retention Schedule Updates procedure. The Retention Schedule is modified based on completed records evaluations and consultations for business units.

Related References

Administrative Policies
AP 07.01.01 – Classification and Protection of Information
AP 07.02.01 – Records Management and Retention

Management Procedures
MP 07.02.01.101 Information Governance Roles and Responsibilities
MP 07.02.01.103 Offsite Storage of Records
MP 07.02.01.104 Records Retention
MP 07.02.01.105 Records Destruction
MP 07.03.01.111 Third-Party Outsourcing

Records Retention Schedule

TABLE OF CONTENTS

CITATION ACRONYMS 2
GENERAL SMUD RETENTION 3
CUSTOMER AND COMMUNITY SERVICES 18
FINANCE 18
GENERAL MANAGER'S OFFICE 21
GENERATION & GRID ASSETS 22
GRID STRATEGY & OPERATIONS 25
INFORMATION TECHNOLOGY 26
LEGAL OFFICE 26
WORKFORCE 26
VERSION CONTROL 31

CITATION ACRONYMS

ADA – American Disabilities Act

ANI – American Nuclear Insurers

ADEA – Age Discrimination in Employment Act

BAL – Resource and Demand Balancing Standards

BES CSI – Bulk Electric System Cyber System Information

CCP – Code of Civil Procedures

CFR – Code of Federal Regulations

CEQA – California Environmental Quality Act

COM – Communications Standards

CIP – Critical Infrastructure Protection Standards

EOP – Emergency Preparedness and Operations Standards

FAC – Facilities Design, Connections, and Maintenance Standards

FPPC – California Fair Political Practices Commission

GC – Government Code

H&S – Health and Safety

INT – Interchange Scheduling and Coordination Standards

IRO – Interconnection Reliability Operations and Coordination Standards

MOD – Modeling, Data, and Analysis Standards

NUC – Nuclear Standards

OMB – Office of Management and Budget

PER – Personnel Performance, Training, and Qualifications Standards

PRC – Protection and Control Standards

TOP – Transmission Operations Standards

TPL – Transmission Planning Standards

UFC – Uniform Fire Code

USC – United States Code

VAR – Voltage and Reactive Standards

Back to TOC

GENERAL SMUD RETENTION

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Applications	(None)	The record type consists of applications accepted by SMUD for various programs funded by SMUD. This includes applications from SMUD customers. Includes MED RATE Forms 1519c, 1519d; EnergyHELP; HomePower. Does not include applications for programs funded by grants.	Termination + 10 Years	GC § 60201(d)(10); CCP § 337.15; CCP § 337	Enterprise
Applications	Denied	The record type consists of applications denied by SMUD for various programs. This includes applications from SMUD customers. Does not include applications for programs funded by grants. Includes: MED RATE Forms 1519c, 1519d	Denied + 1 Year	CCP § 342, and GC 945.6(a)(1)	Enterprise
Audit	Regulatory	The record type consists of records required to demonstrate compliance with NERC, WECC or other regulatory entity standards.	Effective + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)*	• Grid Operations • RC&C
Budget	(None)	The record type consists of the annual operating budget approved by the Board. Includes the SSS when used as the workflow medium.	Permanent	GC § 60201(d)(10)	Finance
Business Continuity Plan (Vital)	(None)	This document describes the department's responsibilities and response to emergencies or disaster events that affect the department's ability to operate in a normal setting.	Superseded + 2 Years	GC § 60201(d)(10)	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
California Environmental Quality Act (CEQA)	(None)	Exemptions, Environmental Impact Report, Mitigation monitoring, negative declaration, notices of completion and determination, comments, statements of overriding considerations. Includes requirement letters generated from the PAC workflow (related to CEQA).	Permanent	CEQA Guidelines + 18 C.F.R. § 12.12	Legal
Claims	Legal	Records related to claims that were denied for damage or liability. Includes all correspondence, payments, notices, SSS, etc.	Denied, Settlement Date, Closed dte + 5 years	GC 25105.5, 60201(d)(4)	Legal
Communications	External	The record series consists of records related to marketing, advertising, alerts, news releases and bulletins to the public.	Effective + 7 Years	18 CFR § 125.3(42); GC § 60201(d)(10)	• Digital UX • Commercial Dev
Communications	Internal	The record series consists of records related to alerts, news releases and bulletins internally.	Effective + 2 Years	GC § 60201(d)(10)	• PMO • TDLCM
Contracts and Agreements (Vital)	(None)	The record type consists of contracts and agreements between SMUD and Regulatory parties.	Termination + 4 Years	CCP § 337 & 18 CFR § 125.3	Enterprise
Contracts and Agreements (Vital)	BANC	The record type consists of consists of contracts and agreements between BANC and Regulatory parties.	Termination + 4 Years	CCP § 337 & 18 CFR § 125.3	• Grid Operations • RC&C
Contracts and Agreements (Vital)	Plant	The record type consists of all contracts relating to acquisition or sale of plant. Contracts and other agreements relating to services performed in connection with construction of utility plant (including contracts for the construction of plant by others for the utility and for supervision and engineering relating to construction work).	Life of Plant + 6 Years	18 CFR § 125.3 (22) (a-b) 18 C.F.R. § 125.2 (g)	Supply Chain

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Contracts and Agreements	Warranties	The record type consists of all contracts and agreements that contain warranties.	Expiration of Warranty + 4 years	CCP § 337 & 18 CFR § 125.3	• TDLCM • Line Design • Supply Chain
Contracts and Agreements	Procurement	The record type consists of all documents pertaining to procurement, and not the actual Contract and Agreement: Agreements and supporting documents; including accepted bids or proposals and solicitation documentation. Note: Accepted bids are those that have been awarded.	Termination + 6 Years	18 CFR § 125.3 (25) (a-b)	Enterprise
Contracts and Agreements	Unaccepted Construction	The record type consists of all documents pertaining to the unaccepted bid or proposal, for the construction or installation of any building, structure, or other public work.	Effective+ 2 Years	GC § 60201(d)(11)	• Supply Chain • Facilities MGMT
Contracts and Agreements	Surplus Materials	The record type consists of records pertaining to the sale of surplus materials: Including the authorization for sale and contracts for sale.	Effective + 3 Years	18 CFR § 125.3 (28) (a-b)	Supply Chain
Contracts and Agreements	Equipment	The record type consists of all documents pertaining to equipment.	Life of Equipment + 3 Years	18 CFR § 125.3 (14)(c)	Warehouse
Correspondence	Executive	The record type consists of all executive correspondence.	Effective + 10 Years (review for historical significance)	GC § 60201(d)(10)	Executive Office
Correspondence	Rate Education Report	The record type consists of Time-of-Day Rate Education Reports.	Effective + 2 Years	GC § 60201(d)(10)	Marketing & Corporate Communica-tions
Customer	(None)	This record type consists of documents pertaining to SMUD customers, including contact information, communications, account information and analysis of customer usage, and meter data from property.	Close of account + 7 Years	GC § 60201(d)(10)	• Community Energy Services • Customer Retail Strategy

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Delegation of Authority	(None)	The record type consists of records that are used to authorize, assign authority for and document approval of various SMUD actions.	Inactive, Revoked, Superseded + 3 Years	GC § 60201(b)(1)	Enterprise
Drawings, Maps & Specifications	(None)	Documents, drawings or maps detailing the function of a system, facility, equipment, or object that is to be developed, constructed, or installed. Includes technical data, detailed requirements and specifications, as-built design, documentation design, construction, equipment, compliance, environmental, operations and maintenance. Workflows and SSS are also included.	Permanent	18 CFR § 125.3 (21)	Enterprise
Employee	(None)	The record type consists of department manager/supervisor records of employees used for management reference.This includes any reports generated on an employee.	Employee separation + 5 years	8 CCR 11040 (7)(A)(6), (C)(s1a)	Enterprise
Employee	Time Card	The record type consists of department time keeping records of employees such as time cards.	Effective + 3 years	29 CFR § 516.5.	Enterprise
Employee	Training	The record series consists of individual employee training history and results, includes course completion records and exam results (if any). Attendence rosters and training materials are in the Training record type.	Employee Separation + 10 Years	29 CFR § 1602.31; 29 CFR § 1627.3(a), (b)(1-2); 42 USCS 2000-e-8(c)	Enterprise
Equipment Installation & Maintenance	(None)	The record series consist of information pertaining to distribution and transmission lines, transformer, substation, pole, tower, generator, and meters. May include installation, testing, maintenance, equipment damage, disposal of equipment, and vendor	Life of Asset + 5 Years	18 CFR § 125.3 (14) (a-(b);	• T&D Line Engineering • Commercial Dev • Substation Engineering • TDLCM • Field Metering

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		manuals. Also includes information pertaining to meter history, testing and calibration of meters for accuracy. Workflows and SSS are also included.			• CMI • Survey • Civil Engineering Design • Sacramento Power Academy
Equipment Manuals (Vital)	(None)	This record series consists of equipment manuals for field and substation assets that SMUD owns and manages. These manuals are considered SMUD records because they may no longer be available from the manufacturers for the life of the asset, and they are required for maintenance and repair. All other equipment manuals are considered reference material.	Permanent	GC § 60201 (d)(10)	• Substation Maintenance • Substation Engineering • Field Metering • Telecomm O&M
Facilities Management	(None)	The record type consists of documents pertaining to facilities management records; including fire protection system incident reports and sprinkler system drawings.	Life of Facility or Asset + 5 Years	UFC § 103.3.4, GC § 60201(d)(10); 49 C.F.R § 379.13; 18 CFR § 125.3 (15)(a-c)	Facilities
Grants	Awarded	The record type consists of documents related to grants that were awarded including correspondence. Files used to administer grants from state or federal agencies. These files may contain applications, program eligibility guidelines, budgets, worksheets, adjustments, inventory list, plans, rules and regulations, award letters, staffing sheets, grant evaluation/monitoring reports, project audits documents, periodic,	Final Expenditure Report + 3 Years	OMB Circular A-110 C(53)(b); 2 CFR § 215.53 (b),(2); 10 CFR § 600.242 (b)	• Finance • AES • Grants

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		progress reports,equipment associated with grants etc. Includes the SSS when used as the workflow medium.			
Grants	Not Awarded	The record type consists of documents related to grants that were NOT awarded including correspondence. Files used to administer grants from state or federal agencies. These files may contain applications, program eligibility guidelines, budgets, worksheets, adjustments, inventory list, plans, rules and regulations, award letters, staffing sheets, grant evaluation/monitoring reports, project audits documents, periodic, progress reports,equipment associated with grants etc. Includes the SSS when used as the workflow medium.	Submission + 3 Years	OMB Circular A-110 C(53)(b); 2 CFR § 215.53 (b),(2); 10 CFR § 600.242 (b)	• Finance • AES • Grants
Historical Archive	(None)	The record type consists of historical photographs new clippings, audio, and video recordings related to SMUD that have archival value	Permanent	GC § 60201(d)(10)	Enterprise
Installation & Maintenance	(None)	The record type consists of the following records not related to projects:documents related to Grid installation and maintenance including transmission lines, transformer, substation, pole, tower, generator and other historical records, including installation, testing, maintenance, equipment damage, disposal of equipment, and vendor manuals. The record type also consists of documents pertaining to meters including history of meter, when a meter is removed	Life of Asset + 3 years	18 CFR § 125.3 (14) (a-(b) GO 165 GC § 60201 (d)(10)	Transmission & Distribution Maintenance Planning

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		and replaced, and testing and calibration of customer meters for accuracy. Includes meter test results, meter number, date of test, and any other pertinent information.			
Intellectual Property	(None)	Includes records relating to the registration of SMUD owned trademarks, service marks, logos, copyrightable works, and patentable inventions (e.g., applications for registration and documents to support such filings). This includes applications written by SMUD developers, includes notes, documentation, source code, workflow diagrams, etc.	Permanent	Copyright Act of 1976 [17 U.S.C. §§ 101- 810 and related statutes]; the Lanham (Trademark) Act [15 U.S.C. Ch. 22 and related statutes]; and the U.S. Patent Act [35 U.S.C. §§ 1 et seq. and related statutes].	Legal
Legal	Action and Support	Information generated by Legal and other business units related to Case files including Legal advice on court filings, motions/complaints, and Legal Hold process and support. Also includes Legal opinions/attorney advice for SMUD business areas. This information is considered Attorney-Client Privileged	Permanent	60201(d)(4) , GC 34090 CCP § 338;	Legal
Legislative Reviews	(None)	The record type consists of documents relating to proposed legislations/regulations including draft publications, comment letters, status updates/reports, correspondence, workshops comments and decisions, meeting agendas, oversight of SMUD projects that may require GA support, as well	Approved/Denied + 15 years	GC 34090	Legal

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		as all supporting documentation. Some of these documents may be Confidential and not for public disclosure (attorney-client privilege).			
Loan	(None)	This record type consists of loan documentation, correspondence, disclosures, reports, loan agreements for residential and commercial customers. Includes the SSS when used as the workflow medium.	Closure of Loan + 5 Years	12 CFR Part 1026.25 (C)(1)(ii)(B); 1026.25(c)(2)(i)	• Customer Care • Sustainable Communities
Maintenance	Vegetation	The record type consists of documents pertaining to the maintenance and inspection of transmission and distribution vegetation. Includes communications to customers related to Vegetation Management policy.	Effective + 3 Years	FAC 003-4	Vegetation Management
Meetings	(None)	The record type consists of documents that describe the content of, or attendance at, internal and external meetings; includes, the presentation slide deck, meeting agendas, meeting minutes, and meeting notes.	Effective + 5 Years	GC § 60201(d)(10)	Enterprise
Meetings	BANC	The record type consists of BANC documents that describe the content of, or attendance at, internal and external meetings; includes, the presentation slide deck, meeting agendas, meeting minutes, and meeting notes	Effective + 5 Years	GC § 60201(d)(10)	Grid Operations
Meetings	Board	The record type consists of Board Agenda, Closed Meeting Minutes, Notices, Event, Hearing, Workshop, Meeting Minutes, and Resolutions	Permanent	GC § 60201(d)(1)(3)	• Customer • Grid & Strategy • Legal
Meetings	Executive	The record type consists of Executive documents that	Permanent	GC § 60201(d)(10)	Executive Office

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		describe the content of, or attendance at, internal and external meetings; includes, the presentation slide deck, meeting agendas, meeting minutes, and meeting notes			
Policies & Procedures	(None)	The record type consist of organizational and department policies and procedure documents describing business responsibilities. Includes process workflows, standards, related supporting documents, and approval workflows.	Superseded + 3 Years	GC § 60201 (d)(10)	Enterprise
Policies & Procedures	BANC	The record type consists of BANC policies and procedures that describe core business responsibilities. Includes workflows, standards, and process documents.	Superseded + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)	• Grid Operations • RC&C
Policies & Procedures (Vital)	Compliance Program	The record type consists of organizational and department policies and procedures that describe core business responsibilities regarding compliance, testing, safety, design change, maintenance; NERC/WECC Procedures; Operating Procedures; and Plant System NERC Alert Procedure. Includes workflows, standards, and process documents.	Superseded + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)	• Grid Operations • RC&C • Field Metering
Public Records Act Requests	(None)	Correspondence related to approved and denied Public Records Act Request (PRA) and tracking.	Response date + 2 years	60201(d)(5)	Legal
Project	General	The record type consists of documents and correspondence related to	Completion + 10 Years	18 CFR 368.3; GC §	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		general projects, capital projects, and construction non-capital projects. This includes project plans, gap analysis, schedules and project supporting documentation. Also can include capital engineering, equipment installations, modifications or new construction or modification of existing building or structures,		60201(d)(10); CCP 337.15 CIV § 941(a)	
Project	Cancelled	The record type consists of documents and correspondence related to cancelled projects.	Cancelled + 4 Years	GC 60201(d)(11)	Line Design
Project	Construction/ Improvement Capital	The record type consists of documents and correspondence related to capital engineering, equipment installations, modifications or new construction or modification of existing buildings or structures. Includes GPO gas pipeline projects. May contain copies of design, drawings, and maps. Includes the SSS when used as the workflow medium. *Not related to environmental.*	Life of Facility + 10 Years	GC § 60201(d)(10) 18 CFR § 125.3 (21) 18 CFR § 125.22 CCP 337.15 GC § CIV § 941(a)	Enterprise
Project	Environmental	The record type consists of documents and correspondence pertaining to environmental (including water) projects including studies, bids, plans, specifications, and inspection reports, copies of photos, maps, drawings and designs. Includes the SSS when used as the workflow.	Permanent	18 CFR § 12.12 GC § 60201(d)(10)	Enterprise
Real Estate	(None)	The record series consists of all documents related to real estate acquisitions and	Permanent	CA GC §60201(d)(1) GC § 34090a	• Environmental & Real

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		disposals; including correspondence/letters, deeds, drawings, maps, and title insurance.		GC § 6254 18 CFR 125.3(20)(a) GC § 34090a	Estate Services • Survey
Receipts	(None)	The record type consists of all travel related documents and receipts including P-card receipts.	Paid Date + 7 Years	GC § 60201(d)(12)	Enterprise
Receiving	(None)	The record type consists of all documents pertaining to receiving: shipping notices, shipment tracking, and receiving inspection notes.	Effective + 1 Year	49 CFR § 379.13 (I)(2)	Warehouse
Records Management	(None)	The record type consists of documents related to records management activities. Includes information management procedures, retention schedules, records inventory, UAT and IT testing sign-off related to information management, certification of destruction, business group specific training presentations and recordings	Permanent	GC § 60201 (d)(10	Enterprise
Reports, Studies and Logs	(None)	The record type consists of department or individual reports to management or other groups. These reports are can include regulatory or legislative agency reports.	Effective + 7 Years	GC § 60201(d)(10)22 CCR § 66265.192 NERC CIP-011-2 NERC CIP-008-6 CA GC §60201(b)(1) NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2); 14300.33 Cal OSHA	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Reports, Studies and Logs	BANC	The record type consists of BANC reports to management or other groups.	Effective + 7 Years	CA GC §60201(b)(1); NERC Reliability Standards (All); NERC Rules of Procedures Appendix 4C(9.2)	• Grid Operations • RC&C
Reports, Studies and Logs	General Manager Report	The record type consists of the General Manager Report that is created by the Pricing team. It contains important information in relation to rates and services and key functions of the organization. Historical value is tied to these records and the retention reflects this importance.	Permanent	GC § 60201(d)(10)	Pricing
Reports, Studies and Logs	NERC Investigation Non-Compliant	This record type is the same as the compliant version, but these must be held onto until mitigation is complete.	Closed + 7 Years	NERC CIP-011-2 NERC CIP-008-6	• Governance Risk & Compliance • RC&C
Reports, Studies and Logs	Power Theft Investigations - Confirmed	The record series consists of documents supporting Power Theft Investigations where a theft **is present.** Closed is based on claim being paid, deemed uncollectible, or by a court judmgement.	Closed + 5 Years	CA GC §60201(d)(10)	Revenue Protection
Reports, Studies and Logs	Power Theft Investigations - Dismissed	The records series consists of documents supporting Power Theft Investigations where a theft **is not present**.	Closed + 1 Year	CA GC §60201(d)(10)	Revenue Protection
Reports, Studies and Logs	Prevailing Wages	This record series consists of reports and studies including information from contractors and subcontractors of projects documenting compliance with PUC § 465. This series may include, but is not limited to, certified payroll reports, compliance	Final Payment + 3 Years	PUC § 465 CA GC §60201(d)(10)	Vegetation Management

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		statements, investigative reports, verifications, nonperformance payroll reports, applicable forms, related correspondence, and similar documents.			
Safety	(None)	All general information related to safety. Includes tailboards, Driver load check, SMUD DOT Shipping Papers, etc. (OSHA required safety information and supporting documentation if an incident occurs). Does NOT include HAZWOPER.	Modified + 7 Years	CA GC §60201(d)(10) 14300.33 Cal OSHA	• Substation Maintenanc e • Substation Engineering • Survey
Specifications,Dr awings & Maps	(None)	The record type consists of documents or drawings detailing the function of a system, facility, equipment or object that is to be developed, constructed, or installed. Documents include technical data, detailed requirements, as-built design, documentation design, construction, equipment, compliance, environmental, operations and maintenance.	Permanent	18 CFR § 125.3 (21)	Line Design
Specifications,Dr awings & Maps	Facilities	The record type consists of documents pertaining to facilities management records including design change notices, facilities drawings, project plans and schedules. This record type also includes: Construction Non-Capital Drawings, Improvement Non-Capital drawings.	Life of Facility + 10 Years	NRC Regulatory Guide 1.28 Revision 3 18 CFR § 125.3 (21)	Facilities
Technical Support	(None)	The record type consists of document related to Support Center tickets, request logs, etc.	Closed Date + 2 Years	GC § 60201(d)(10)	IT Operations
Technology	(None)	The record series consists of documents related to the planning, execution and implementation of network	Life of System + 3 Years	GC § 60201(d)(10)	Enterprise

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		and system components; this includes both hardware and software documentation, implementation plans, installation records, manuals, quality assurance records, testing and user acceptance documents, and cost-benefit analysis.			
Technology	Software	The record series consists of software programs & manuals not maintained by the SMUD Information Technology group during its usage at SMUD.	Deactivated + 2 Years	18 CFR § 125.3 (5)	• TDLCM • IT Security IT Operations
Training	(None)	The record type consists of documents pertaining to course content and may include course description and outline, and associated materials. Individual employee training history and results are found in the Employee – Training record type.	Superseded + 7 Years	GC § 60201 (d)(1)(3)	Enterprise
Training	Compliance	The record series consists of documents pertaining to trainings that result in employee certifications or fulfill a compliance obligation including HAZWOPER Training. This includes the program or course description, course content, rosters, course evaluation, completion records, exam masters (blanks masters and exams), and certification (if available).	Permanent	CIP-004-6; 29 CFR § 1910.120(e); GC § 60201 (d)(1)(3); 8 CCR § 3204(d)(1)(A); 29 CFR § 1910.1020(d)(1)(i); 19 CFR § 1910.120 (f)(8)(i); 40 CFR § 265.16(e)	• Enterprise
Utility Rates	(None)	General files of published rate sheets and schedules of utility service and supporting documentation. Includes schedules suspended or superseded. Includes analysis created for support of Commercial Customers	Superseded + 10 Years	18 CFR § 125.3	Pricing

RECORD TYPE	RECORD SSUBTYPE	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		contracts, such as Utility Rates Analysis.			
Vehicle	(None)	The record type consists of documents pertaining to SMUD vehicles including repair manuals, permits, recalls, and repair records. Additionally, documents pertaining to inspection of SMUD vehicles including SMOG, UST inspections, off-road equipment, and fuel monitoring reports, crane & aerial equipment, maintenance, and supporting documentation are included in this record type.	Life of Asset + 3 Years	49 C.F.R § 379.13	Enterprise

Back to TOC

CUSTOMER AND COMMUNITY SERVICES

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Bankruptcy Records	(None)	The record type consists of document, including Correspondence related to a customer bankruptcy.	Effective + 10 Years	Cal Rev & Tax Code 3007; Cal Rev & Tax Code 2963	Customer & Community Services
Report of Cash Payments over $10,000	(None)	This record type consists of documents related to receipt of cash payments over $10,000 received in a trade or business. IRS Form 8300	Submission + 5 Years	26 CFR § 1.6050I-1(e)(3)(iii); 26 CFR § 1.6050I-1(c)(3); 31 CFR § 1010.330(e)	Customer & Community Services

Back to TOC

FINANCE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Accountants' or Auditors' Reports	(None)	The record type consists of the organizations financial and grant statements. Includes the SSS when used as the workflow medium.	Audit + 7 Years	18 CFR § 125.3 (4)(a-b)	Finance
Accounts	Payable	The record type consists of Accounts Payable documents including correspondence, invoices, and expenses related to contracts and purchase orders, requests for payment, procurement cards, petty cash, business travel, energy efficiency rebates and incentives, customer refunds, education assistance, Joint Power Authority expenditures, natural gas royalty payments (ROSA), utilities, and employee reimbursements. Includes the SSS when used as the workflow medium.	Effective + 7 Years	GC § 60201(d)(10)	Finance
Accounts	Receivable	The record type consists of Accounts Receivable records including billings, correspondence and other documentation for electric sales, Energy Settlements	Effective + 5 Years	GC § 60201(d)(10)	Finance

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		for gas and power sales, Joint Power Authority billings and cash calls, contracts, new construction and services, diagnostic services, cell site contracts, joint pole usage, scrap sales, charges for damage to SMUD property, Allowance for Bad Debt adjustments, along with all customer payments. Includes the SSS when used as the workflow medium.			
Budget	Approved	The record type consists of the annual operating budget approved by the Board. Includes the SSS when used as the workflow medium.	Permanent	GC § 60201(d)(10)	Finance
Budget	Proposed	The record type consists of the proposed budget, correspondence, and working papers compiled as part of the budget preparation. Includes the SSS when used as the workflow medium.	Current Year + 2 Years	GC § 60201(d)(10)	Finance
Cash Reconciliation	(None)	The record type consists of statements from depositories showing details of funds received, disbursed, transferred, and balances on deposit.	Current Year + 2 Years	18 CFR § 125.3 (36)(a); GC § 60201(d)(10)	Finance
Finance Report	(None)	The record type consists of the SMUD Financial Reports.	Effective + 7 Years	18 CFR § 125.3 (4), (41)	Finance
Invoices	Plant	The record type consists of invoices for capital expenses that pertain to the generation or transmission line or appropriate group of transmission lines for Plant in Service.	Life of Location + 7 Years	18 CFR § 125.2 (g)(1)	Finance
Journal Vouchers	(None)	The record type consists of journal vouchers and entries, records of deposits with banks and other, check stubs, and register.	Effective + 10 Years	18 CFR § 125.3 (10)	Finance
Plant and Depreciation - WIP	(None)	The record type consists of “in service” construction work, in progress ledgers, work orders, and supplemental records.	Life of Location + 7 Years	18 CFR § 125.3 (17)(a-g)	Finance
Reports, Studies, and Logs	Research Change	The record type consists of accounting and tax research documents for forecasting.	Permanent	GC § 60201(d)(10)	Finance
Superfund (CERCLA)	(None)	The record type consists of financial and programmatic records including correspondence, statistical records,	Submission + 10 Years	40 CFR § 307.33	Finance

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		and other documents that are to be maintained by the terms of the program regulations, or the Cooperative Agreement. Written approval from the EPA Award official must be obtained before destruction of any records covered under the record type.			
Tax Documents	(None)	The record type consists of the tax records including correspondence, tax returns, schedules, sales and other use taxes.	Effective + 5 Years	18 CFR § 125.3(34)(a)(3);	Finance

Back to TOC

GENERAL MANAGER'S OFFICE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Audit Records	(None)	The Record type consists of documents related to audits and include correspondence, planning, program, audit reports and audit response documents.	Effective + 7 Years	18 CFR § 125.3(4); 18 U.S.C.S § 1520(a)	Audit & Quality Services
Board of Directors Records	(None)	The record type consists of documents related to compensation, facsimile confirmations, member and meetings calendars, correspondence, and forms.	Effective + 10 Years	GC § 60201(d)(10)	General Manager's Office

Back to TOC

GENERATION & GRID ASSETS

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Brochures/ Bulletins	Plant	The record type consists of documents related to compensation, facsimile confirmations, member and meetings calendars, correspondence, and forms.	Life of Location + 7 Years	18 CFR § 125.2(g)	Generation & Grid Assets
Commission Orders and Decisions	Plant	This record type consists of orders or decisions from regulatory agencies and requests for changes to instructions.	Life of Location + 7 Years	18 CFR § 125.3 (2)(b)	Generation & Grid Assets
Construction	Plant	The record type consists of documents pertaining to design, design calculations, and construction standards and the completion of construction, outstanding tasks, startup, commissioning, and final project.	Life of Location + 7 Years	18 CFR § 125.3 (17)(a-g)	Generation & Grid Assets
Field Directives RFI Memos	Plant	The record type consists of documents pertaining to communication and instructions to and from the field primarily during construction. Documents include questions from construction contractors pertaining to clarifications and/or directions.	Life of Location + 7 Years	18 CFR § 125.3 (2)(b)	Generation & Grid Assets
Gas Pipeline Records	(None)	This record type consists of all documents related to gas pipeline transmission and generation, including maintenance, testing, replacement, etc.	Life of Pipeline	49 CFR § 193.2639 (c)(1)(2); 49 CFR § 193.2321(c)	Generation & Grid Assets
Maintenance Work Orders	(None)	The record type consists of documents related to maintenance activities such as scheduling authorization for expenditures, summary of expenditures, work order sheets including labor materials and other charges in connection with maintenance or other work related to utility operations.	Effective + 5 Years	18 CFR § 125.3 (15)(a-c)	Generation & Grid Assets

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Reports, Studies, and Logs	Hydrology	The record type consists of documents pertaining to water flow data from rivers, streams, and reservoirs in association with hydroelectric power generation. Documents include field notes and hydrology gauge reading reports, hydrology inspection reports, audit reports, nonconformance reports (NCRs), infrared thermo graphic (IR) survey, class location study, headwaters Determination Report; Station Ratings, transportation study, fish/frog survey, boat ramp usage.	Permanent	18 CFR § 125.2(g)(2); 18 CFR § 125.3 (13.1)(c)(1); 18 CFR § 12.12	Generation & Grid Assets
Permits, Apps, Licenses and Certs	(None)	The record type consists of all documents related to "plant-in-service" permits, applications, licenses, and certifications. Include documents related to notices and notifications related to existing permits, applications, licenses and certifications.	Life of Location + 7 Years	18 CFR § 125.2 (g)	Generation & Grid Assets
Plans and Programs	Plant	The record type consists of documents related to ongoing programs and special project plans such as EAP program, Hazmat Business plans, traffic control plan, emergency evacuation plan, first responder program; mitigation plans.	Life of Location + 7 Years	18 CFR § 125.2 (g)	Generation & Grid Assets
Reports, Studies, and Logs	Reliability Planning	The record type consists of documents related to 5-year reliabilities studies. Documents include Alternatives/Upgrades, Generator Interconnection, Outage Coordination, Regional Agencies, Summer Assessments, and Voltage.	Effective + 5 Years	18 CFR § 125.3 (38)	Generation & Grid Assets
Schedules	Plant	The records type consists of schedules for special or routine projects, Annual Maintenance, Outage (NERC required schedules).	Life of Location + 7 Years	18 CFR § 125.3 (38)	Generation & Grid Assets
Software	Plant	The record series consists of software programs & manuals not maintained by the SMUD Technology group. Includes	Superseded + 6 Years	18 CFR § 125.3 (5)	Generation & Grid Assets

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		equipment and hydrology software.			

Back to TOC

GRID STRATEGY & OPERATIONS

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Energy Trading Reports/ Forecasts	(None)	The record type consists of documents pertaining to energy trading commodity budget forecasts and risk management reports.	Effective + 10 Years	7 USCS § 6 (a)(3); 17 CCR § 95111(a)(9)	Grid Strategy & Operations
Gauge Reading Reports	(None)	The record type consists of documents pertaining to gauge reading reports. Does not include river flow data in connection with hydro operations.	Effective + 2 Years	18 CFR § 125.3 (13.1)(f)	Grid Strategy & Operations
Photovoltaic Data – Planning and Forecast	(None)	This record type consists of Photovoltaic planning and forecasting records. Review in 10 years.	Effective + 20 Years	GC § 60201(d)(10)	Grid Strategy & Operations
Polychlorinated/ Biphenyls (PCB)	(None)	The record type consists of documents pertaining to polychlorinated/biphenyls (PCB) annual logs and records for monitoring, sampling, testing, and analysis.	Last Use + 3 Years	40 CFR § 761.180 (a); 40 CFR § 761.30 (a)(1)(xii)	Grid Strategy & Operations

Back to TOC

INFORMATION TECHNOLOGY

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Information Systems - Backup	(None)	The record type consists of backups of electronically stored information retained for disaster recovery and business continuity.	Effective + 30 Days	GC § 60201(d)(10)	Information Technology

Back to TOC

LEGAL OFFICE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Insurance	Nuclear	The record type consists of property and casualty insurance policies Insurance - (Nuclear).	Life of Policy + 10 Years	ANI Bulletin 15-01	Legal Office
Insurance	Non-Nuclear	The record type consists of property and casualty insurance policies (Non-Nuclear).	Life of Policy + 10 Years	18 CFR § 125.3 (12)(a)	Legal Office
Permits & Licenses Registrations, Applications & Renewals	(None)	The record type consists of documents related to submission for permits and licenses, registrations, applications, and renewals. Documents include correspondence, responses to notices and notifications as required.	Canceled, Replaced or Expired + 2 Years	GC § 60201 (d)(10)	Legal Office
Policy and Procedure	Board	The record type consists of Policies and Procedures of the Board.	Permanent	GC § 60201 (d)(10)	Legal Office

Back to TOC

WORKFORCE

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Chronological Files	(None)	The record type consists of documents created to support billing of customer and include correspondence, investigations, and analysis	Effective + 2 Years	GC § 60201(d)(10)	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
		of customer usage, and meter data from property.			
Conflict of Interest	(None)	The record type consists of documents pertaining to customer contact information related to account.	Effective + 7 Years	GC § 81009 (e)	Workforce
Disciplinary Files	(None)	This record type consists of loan documentation, correspondence, UCC's, Disclosures, reports, loan agreements for residential and commercial customers. Includes the SSS when used as the workflow medium.	Effective + 5 Years	29 CFR § 1602.31; GC § 60201(d)(10)	Workforce
Drug Tests	Negative	The record type consists of documents related to drug tests performed based on qualified suspicious actions.	Effective + 1 Year	49 CFR § 333(a)(4)	Workforce
Drug Tests	Positive	The record type consists of documents related to drug tests performed based on qualified suspicious actions.	Effective + 5 Years	49 CFR § 333(a)(1)	Workforce
Employee Benefits Plan	None	The record type consists of documents related to employee benefits such as health & life insurance, and retirement benefits.	Effective + 100 Years	29 USCS § 1059 (a)(1-2)	Workforce
Employee Claims	ADA	The record type consists of documents related to employee ADA claims. Retain until all appeals related to the claim proceedings are terminated.	Settlement + 3 Years	29 CFR § 1627.3 (b)(2)	Workforce
Employee Claims	Disability Retirement	The record type consists of documents related to employee claims for disability retirement.	Termination of Employment + 6 Years HAZWOPER – Termination of Employment + 30 Years	8 CCR § 3204(d)(1)(A); 29 CFR § 1904.33; 29 CFR § 1910.1020 (d)(1)(i), (d)(1)(i)(C); GC § 12946 (p1)	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Employee Claims	FMLA (Family Medical Leave Act)	This record type consists of Regulatory Compliance Documentation Correspondence – Form Letters.	Closure + 3 Years	29 CFR § 1602.31; 29 CFR § 1627.3 (a), (b)(1); 29 CFR § 825.500 (a)-(c)(1)-(7), (d)(e); GC § 12946 (p1)(p2)	Workforce
Employee Claims	STD/LTD (Short Term & Long Term Disability)	The record type consists of Disability Benefit Forms. Benefit Administration – claim application, correspondence, benefit calculation, and provision information.	Settlement + 4 Years	GC § 12946 (p1(p2)	Workforce
Employee Claims	Workers' Compensatio n Benefits	The record type consists of Regulatory Compliance Documents – State injury reports, benefit payment & other compliance documents and awards.	Closure + 5 Years	8 CCR 15400.2 (a)(b)	Workforce
Employee Records	Medical	This record type consists of documents related to employee health status including medical and employment questionnaires. Employment Less Than 1 Year = Termination of Employment (Employee to be provided Medical Records).	Termination of Employment + 6 Years HAZWOPER – Termination of Employment + 30 Years	8 CCR § 3204(d)(1)(A); 29 CFR § 1904.33; 29 CFR § 1910.1020 (d)(1)(i)	Workforce
Employee Records	Non-Nuclear	This record type consists of documents pertaining to employee actions, agreements, appraisals, process, separation, and medical records. Medical records are to be filed separate from the main employee record. Does not include Nuclear employees.	Termination of Employment + 6 Years	29 CFR § 1627.3 (a), (b), (1-2); 29 CFR § 1602.31; 42 USCS § 2000e-8 (c)	Workforce
Employee Records	Nuclear	The record type consists of Rancho Seco personnel records (Nuclear).	Life of Policy + 10 Years	ANI Information Bulletin 15-01	Workforce
Employee Safety	Incident	The record type consists of SMUD Employee Injury/Illness, Employee Non-Industrial Injury/Illness.	Termination of Employment + 6 Years	29 CFR § 1904.33	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Employee Safety Incident	HAZWOPER Exposure	The record type consists of documents related to exposure and medical records when employees are exposure to hazardous or toxic substances.	Termination of Employment + 30 Years	29 CFR § 1910.1020 (d)(1)(i); 8 CCR 3204 (d)(1)(A)	Workforce
Goods Receipt	Plant	The record type consists of the documents supporting the receipt of material goods that pertains to Transmission or Generation only for Plant in Service.	Life of Location + 7 Years	18 C.F.R.§ 125.3 (25) (a), (b)	Workforce
Grievances	(None)	The record type consists of documents related to grievances filed by bargaining unit employees.	Closure + 5 Years	29 CFR § 402.9	Workforce
IBEW/OSE Records	(None)	The record type consists of documents related to IBEW/OSE bargaining negotiations.	Termination + 5 Years	29 CFR § 402.9	Workforce
Payroll Register	(None)	The record type consists of the labor costs by employee and program.	Permanent	29 CFR § 516.5(a); LC § 1174(d); GC § 60201(d)(10)	Workforce
Payroll	Timecards/ sheets	The record type consists of employee tie cards/sheets.	Effective + 6 Years	LAB §§ 1174, 1197.5; 29 CFR § 516.6; 8 CCR §§ 11000-11150	Workforce
Permits, Apps, Licenses and Certificates	Real Estate	The record type consists of certificates, permits, applications, licenses granting SMUD authority to exercise a certain privilege.	Permanent	GC § 60201(d)(10)	Workforce
Plans and Programs	Plant	The record type consists of certificates, permits, applications, licenses granting SMUD authority to exercise a certain privilege.	Life of Location + 7 Years	GC § 60201(d)(10)	Workforce

RECORD TYPE	RECORD CATEGORY	DESCRIPTION	RETENTION	CITATION	RECORD OWNER
Security Operations	(None)	The record type consists of documents related to security systems for protection of employees, equipment, facilities. Documents may include security surveys, risk assessments, on-shift paperwork, complaint reports, parking citations, security clearances, security badges, master keys, security investigations, and emergency contact lists.	Effective + 5 Years	GC § 60201(d)(10)	Workforce
SMUD Organizational Charts	(None)	The record type consists of organizational charts maintained by Human Resources. HR is the record owner for this record type.	Permanent	GC § 60201(d)(10)	Workforce

**Plant – Each generating station and each transmission line or appropriate group of transmission lines.

Back to TOC

VERSION CONTROL

VERSION	CHANGE	SIGNATURE APPROVAL	DATE
1	New		06/2014
2	Administration – General		02/2016
3	Administration – General		12/2017
4	Administration – General		06/2019
5	Administration – General		06/2022

From:	Steve Uhler
To:	Public Comment
Cc:	PRA; Gregg Fishman; Laura Lewis
Subject:	[EXTERNAL] Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, rate hearing transcript
Date:	Friday, June 13, 2025 8:52:26 AM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions

Where is the Public hearing transcript for Wednesday, June 4, 2025 rate hearing?

It does not appear here: https://www.smud.org/RateInfo with the other required transcripts.

Steve Uhler
sau@wwmpd.com

From:	Steve Uhler
To:	Public Comment
Cc:	Laura Lewis; PRA
Subject:	[EXTERNAL] Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Correcting the Rate Hearing Transcript
Date:	Tuesday, June 17, 2025 10:51:21 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Correcting the Rate Hearing Transcript

See attached "Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Correcting the Rate Hearing Transcript.pdf"

Steve Uhler
sau@wwmpd.com

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Correcting the Rate Hearing Transcript.

Hello,

Please correct the reference to me, Steve Uhler, in the Rate Hearing Transcript.

I did not present any written presentation at the June 4th, 2025 Rate Hearing.

Please change PAGE 36:

 5 STEVE UHLER: Can you hear me?
TO:
 5 PUBLIC COMMENTER STEVE UHLER: Can you hear me?

 8 PRESENTER STEVE UHLER: Yeah.
TO:
 8 PUBLIC COMMENTER STEVE UHLER: Yeah.

12 doesn't remember me to utilize my public comment.
TO:
12 doesn't reQUIRE me to utilize my public comment.

19 PRESENTER STEVE UHLER: You're violating
TO:
19 PUBLIC COMMENTER STEVE UHLER: You're violating

23 PRESENTER STEVE UHLER: That's fine. It
TO:
23 PUBLIC COMMENTER STEVE UHLER: That's fine. It

Please change PAGE 37:

 6 PRESENTER STEVE UHLER: You already are
TO:
 6 PUBLIC COMMENTER STEVE UHLER: You already are

Please change PAGE 38:

21 PRESENTER STEVE UHLER: I reject that. I
TO:
21 PUBLIC COMMENTER STEVE UHLER: I reject that.
I

Please change PAGE 39:

20 PRESENTER STEVE UHLER: No, you cannot do
TO:
20 PUBLIC COMMENTER STEVE UHLER: No, you cannot do

23 PRESENTER STEVE UHLER: Even if you --
TO:
23 PUBLIC COMMENTER STEVE UHLER: Even if you --

Please change PAGE 40:

1 PRESENTER STEVE UHLER: If you say that --
TO:
1 PUBLIC COMMENTER STEVE UHLER: If you say that --

9 PRESENTER STEVE UHLER: Okay. In closing,
TO:
9 PUBLIC COMMENTER STEVE UHLER: Okay. In closing,

13 PRESENTER STEVE UHLER: You have to
TO:
13 PUBLIC COMMENTER STEVE UHLER: You have to

18 PRESENTER STEVE UHLER: I am not
TO:
18 PUBLIC COMMENTER STEVE UHLER: I am not

Please change PAGE 41:

15 PRESENTER STEVE UHLER: I'll be waiting to
TO:
15 PUBLIC COMMENTER STEVE UHLER: I'll be waiting to

Steve Uhler
sau@wwmpd.com

From:	Steve Uhler
To:	Public Comment; Rob Kerth External
Cc:	Laura Lewis; PRA
Subject:	[EXTERNAL] Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, SMUD Director Kerth please answer for the record
Date:	Tuesday, June 17, 2025 10:56:35 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, SMUD Director Kerth please answer for the record.

See attached "Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, SMUD Director Kerth please answer for the record.pdf"

Steve Uhler
sau@wwmpd.com

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, SMUD Director Kerth please answer for the record.

Hello SMUD Director Kerth,

Perhaps you overlooked responding to the questions in my report and recommendations for the record at the rate hearing on June 4th, 2025.

Attached is the transcript for the hearing, and my report and recommendations.

Please answer for the record.

Steve Uhler
sau@wwmpd.com

STATE OF CALIFORNIA

SACRAMENTO MUNICIPAL UTILITY DISTRICT

BOARD OF DIRECTORS SPECIAL MEETING

REPORTER'S TRANSCRIPT OF

SMUD SPECIAL BOARD OF DIRECTORS MEETING

AGENDA ITEM 2 - PUBLIC RATE HEARING

Meeting held

Wednesday, June 4th, 2025

6:07 p.m. to 7:53 p.m.

CERTIFIED

at

SMUD Headquarters Building
6201 S Street, Auditorium
Sacramento, California 95817

And via videoconference

--oOo--

Reported remotely by CHERYL L. KYLE, CSR No. 7014

SCRIBE REPORTING & LEGAL COPYING
2207 J Street
Sacramento, CA 95816
916-492-1010

INDEX OF APPEARANCES

SMUD BOARD OF DIRECTORS:

Ward 3: GREGG FISHMAN, President
Ward 6: DAVE TAMAYO, Vice President
Ward 1: BRANDON D. ROSE
Ward 2: NANCY BUI-THOMPSON
Ward 4: ROSANNA HERBER
Ward 5: ROB KERTH
Ward 7: HEIDI SANBORN

SMUD EXECUTIVE STAFF:

SCOTT MARTIN, Chief Financial Officer, Acting CEO/GM
LAURA LEWIS, Chief Legal Officer & Government Affairs Officer General Counsel

SMUD STAFF:

MELISSA KWONG, Pricing Supervisor
JEN RESTIVO, Revenue & Strategy and Planning
JOSUE GARCIA, Technical Support
TONI STELLING, Executive Assistant
And other SMUD staff

PRESENTERS ON RATE PROPOSALS:

ALCIDES HERNANDEZ, Manager, Revenue Strategy
STEVE UHLER

PUBLIC COMMENT SPEAKERS:

JOHN WEBER
ROGER L. BLACKWELL
VINCENT MASTROTOTARO

IN-PERSON AND REMOTE ATTENDANCE:

Members of the public

--oOo--

INDEX OF SUBMITTED DOCUMENTS

--oOo--

No.	PAGE	DESCRIPTION
1	84	16-page SMUD Presentation.
2	84	16-page 6-4-2025 Steve Uhler Report and Recommendations.
3	84	24-page 6/3/2025 Steve Uhler comment submitted 8:12:16 p.m.
4	84	17-page 6/4/2025 Steve Uhler comment submitted 8:20:42 a.m.
5	84	2-page 6/4/2025 Steve Uhler comment submitted 3:19:00 p.m.
6	84	2-page 6/4/2025 Steve Uhler comment submitted 4:04:48 p.m.
7	84	5-page 6/4/2025 Steve Uhler comment submitted 5:12:43 p.m.
8	84	3-page 6/4/2025 Steve Uhler comment submitted 5:17:56 p.m.
9	84	1-page 6/4/2025 Steve Uhler comment submitted 7:40:18 p.m.
10	84	5-page 6/4/2025 Steve Uhler comment submitted 8:55:41 p.m.
11	84	1-page 6/4/2025 Steve Uhler comment submitted 9:04:10 p.m.

--oOo--

(Special Meeting commenced at 6:02 p.m.)

(Board proceedings held, not transcribed.)

--oOo--

(Agenda Item 2 commenced at 6:07 p.m.)

--oOo--

PRESIDENT FISHMAN: Item Number 2 on the agenda is to hold a public hearing on the Chief Executive Officer and General Manager's Report and Recommendations on Rates and Services, Volumes 1 and 2, dated March 20th, 2025, and the Chief Executive Officer and General Manager's Report and Recommendations on Open Access Transmission Tariff, Volume 1, dated March 20, 2025; together they are the CEO and GM Reports.

The chief legal officer will now provide a brief overview of the public rate process.

SMUD CLO LEWIS: Thank you, President Fishman.

Tonight, the Board will be conducting a public hearing to consider the proposals set forth in the CEO and General Manager's Report, as well as any alternative recommendations.

After the close of the public hearing, the Board will introduce a draft rate resolution. This will be either staff's recommendation or an

alternative, but that draft resolution will then be posted for public comment for at least ten days.

Then the Board -- staff will return to the Board on June 19th to go over any comments received, and at that point we will ask the Board to approve a final rate resolution.

PRESIDENT FISHMAN: Okay. Thank you.

This public hearing will be transcribed by a court reporter. And under the rate ordinance, members of the public that have not submitted a request for additional time at least ten days in advance of today's meeting will have up to three minutes to speak on the Chief Executive Officer and General Manager's Rate Reports.

I would ask speakers to confine your comments to the rate report. If you have comments on other SMUD matters, you will have an opportunity to speak during the general public comment for items not on the agenda portion of our meeting.

And for my fellow board members, because we do have a court reporter, I would ask you to please not speak over one another, wait until somebody is done, and that way it's easier on her to transcript the meeting.

And at this point, I would like to open

the public hearing. Before taking public comment, we will have two presentations. First one, our presenter is Alcides Hernandez, Manager of Revenue and Strategy, and Alcides has the staff presentation.

SMUD MANAGER ALCIDES: Thank you, Director Fishman, President. And good evening to the rest of the Board members and the general public. Thank you for allowing us to host this public hearing tonight.

As I mentioned, my name is Alcides Hernandez, Revenue and Strategy Manager. I'm here to present an overview of the rate proposal at this public hearing and address any questions that the Board members or the general public may have on the proposal. So if we can move on to the next slide. Thank you.

Here is an overview of the rate process timeline. As the Board may remember, we started off back in January when we conducted a rate workshop to capture general feedback.

We received that valuable input, and in the next couple of months we incorporated that in the final recommendation. We presented an overview of that recommendation at that March 18 Board

meeting, full Board committee meeting. And the rate report, that we call it CEO and GM Report, was released at the Board meeting on March 20th, and at that moment the rate process started.

We had approximately 76 days of public outreach planned at that time. As the Board may see here on the screen and the public too, we hosted two public workshops on April 30th and May 13. We also hosted other events including roundtables.

And we're here tonight at the public hearing to provide an overview of the recommendation, a discussion, and the Board will take action on introducing the rate resolutions later after we complete the rate hearing.

And with that, I will go into more details in the next slide and will provide an overview of these recommendations and an overview of the public outreach process that we've been doing.

As I mentioned in the prior slide, we provided a rates process overview in mid-January, and, ultimately, this is what we recommended in the rate proposal.

First, we are recommending a 3 percent rate increase on January 1st of 2026, and another 3 percent on January 1st of 2027. That rate

increase will apply to all customers, both residential and nonresidential.

The second item on the proposal is an optional residential rate. We call it a low usage rate for customers with low usage and electrical panels of up to 125 amps, and that will provide more details on that recommendation in the next few slides.

Third, we have updates to the Open Access Transmission Tariff. This is for third parties who may use our transmission lines to wheel power through our system. We don't have any customers at this time, so we are taking this opportunity to update that rate.

And, lastly, some miscellaneous tariff updates that we take that opportunity every time we have a rate action, and I will cover those items individually in the next few slides.

But, first, as the Board remember, we provided details of the drivers of the potential rate increase at the time back in January, and, eventually, we made the recommendation. And here are the drivers that are making us to come up with this rate proposal.

First, we are seeing higher commodity

costs in those years, '26 and '27, with a total increase of about $34 million in that specific area in commodity costs. This is driven primarily by regional renewable energy contracts to meet the regulatory requirements that we are subject to and also comply with higher resource adequacy to make sure that the lights stay on every time our customers turn that switch.

We are also investing in the range of $280 million in new generation and historic assets, and those include solar storage and other renewable projects.

We're investing $251 million in substation and line capacity projects to ensure that our grid stays reliable and resilient, capable of meeting the demand of a growing population and evolving needs.

In addition to that, we are estimating about $90 million in our Folsom administrative operations building to support the delivery of a reliable service to our region.

Lastly, as you see here in the slide, we have the wildfire prevention and cost inflation. We see an estimate of about $22 million impacting that area, and we are recommending that we will include those as part of the rate increase drivers.

As we mentioned earlier, before we recommend any rate increases and present a public presentation to the public and the Board, we focus on finding internal efficiencies, cost savings, so that these modest and reasonable rate increases will have as little impacts to our customers as much as we could.

For example, in 2024, just to provide an illustration of this cost savings, we did bond refinancing that ended up saving us about $33 million just in 2024. That's over a 1 percent rate increase that we avoided by doing that operational savings.

Now, as a none for-profit community-owned utility, we have a policy to ensure that our rates remain among the lowest in California but also providing safe and reliable power.

This graph may look familiar to you. We share these a couple of times throughout the year. We updated this information as the local utilities reported information for 2024 just in April.

As you see, we are, across this group of utilities, one of the lowest. SMUD is highlighted to the left side, in that orange rectangle, we're lower than most of these utilities and, in average,

higher than 50 percent lower than PG&E, which saves the community about $1.9 billion in those annual savings that stays in our community.

And even with the proposed rate increases -- because we have seen that PG&E has filed, just in the middle of the month of May, something they call a general rate case that will require PG&E to submit a proposal, and they are recommending rate increases for years '27 all the way through 2030, and they range -- they vary from about 5 percent in the first year, 2027, and in the range of about 3 percent in the subsequent years.

So we will continue to remain around 50 percent, or perhaps even higher, even with these rate recommendations we're bringing to the Board.

Now, I've been making reference about rates, and, you know, the proposed rate increase that we are recommending stays within the commitment to continue to keep rates within the rate of inflation. In this graph, we are illustrating a couple of scenarios in how we compare to that cumulative inflation.

By the way, we do not compare a year-over-year inflation. What we do is we compare a cumulative inflation and cumulative rate increases

over a period of time.

As you see here in this chart, we are comparing 2021 through 2027. So the average rate increases through that period included actuals from 2021 through 2025, and the proposed rate increases, not adopted yet, but we are including those in '26 and '27. That will produce another rate increase of 3.6 percent for that window of time.

If we do a similar comparison with inflation, when we provide an update to the Board back in January, we use actual inflation data from '21 through 2024 that was known at the time, but we didn't know '25, '26 and '27. So we used the most estimate and conservative inflation forecast, and at the time, '21 and 2027, will be about 3.8 percent, that window of cumulative inflation.

Very recently, just as time has gone, we received new information, and now inflation is trending higher than what we saw back in January. So if we were to update those three years -- '25, '26, and '27 -- now the average for this window from 2021 through 2027 is reaching about 4 percent.

What that will do is that our proposed rate increase will still have us below the rate of inflation even more than that we initially

anticipated.

And we are using a very conservative approach because there are a number of inflation forecasts out there, and we tend to use the one that's toward the middle and the bottom because we just want to be conservative in our approach.

Now, we have been talking about inflation and average rates, but our customers, they pay bills. And this graph illustrates how the average customers, depending on the rate category and the rate class, will see the proposed rate increase.

There are a lot of numbers in here, and I'm not going to walk through each one individually, but let me walk you through what's in here.

On the left side is the type of customers that we have. We have residential, small commercial, all the way through large commercial and agriculture. And toward the middle, we have the average bill for those customers in dollars per month. If I were to choose, the average residential customer uses about 750-kilowatt hours, between 700 and 750, but we are illustrating here 750 kilowatt hours a month, he pays just under $145 per month.

The first rate increase of 3 percent will

represent about $4.35, and the second rate increase in January 2027 will represent $4.48 for a total bill impact of just under $9 for the average residential customer. The rest you see here, they will see just a general across the board 3 percent from a small commercial, medium, and large commercial.

Important to know that in the case of residential customers, we offer an Energy Assistance Program Rate. It's a discount that we offer to the customer and also medical equipment discount. So they will see a slightly different bill impact because they receive that discount, and I will provide more details on those customers in the next slide.

Here we have that information. The Energy Assistance Program Rate, EAPR, have four different tiers of levels. We provide a discount on the System Infrastructure Fixed Charge of $10, so we think $10 less on that fixed charge.

In addition to that, they receive an amount in discount based on the Federal Poverty Level on the usage, and we have four tiers in those customers: From zero to 50 percent, 50 to 100 percent, and so on as you see on the table.

As you see, there are different amounts of average bills for those group of customers, and the first impact of the 3 percent in January of 2026 is just under $3 or $4. It's under $4, that you see there, slightly higher indicates 150 and 200 percent, and with the second rate increase, about the same. But, overall, these customers see slightly lower billing impact than the standard billing customer who does not receive the EAPR benefit. Now, that was the first part of the recommendation, the general rate increase of 3 percent for residential and nonresidential customers.

The second part of the recommendation is an Optional -- we called -- Time-of-Day Low Use Rate. First, as the Board knows, the standard time of day that we offer today have two components: One, it is the System Infrastructure Fixed Charge; that is the monthly amount that customers pay regardless of the amount of consumption, currently it's $26.20, and they also pay energy charges that vary by time and also season.

In this recommendation, we are recommending a lower System Infrastructure Fixed Charge for a subset of customers. These are

customers who tend to use low electricity, and in our research we have found that those with smaller panel size of up to 100 amps have consistently -- do that, they consume low electricity.

The System Infrastructure Fixed Charge, just to remind the Board, includes the cost of infrastructure, local infrastructure, to serve the customers, the local transformer, the metering, the costs associated with customer service and billing. We do not collect all of the costs associated with the infrastructure. We reflect just a small portion of it.

In that context, depending of the size of the customer, if it is an apartment or a small home, this fixed charge, the 26.20 at this moment, would represent a larger portion of that bill. And for that reason, we are recommending to have a $17 per month for that group of customers with a slight increase of about 3.4 cents per kilowatt hour on the energy charge to make this recommendation, what we call, revenue neutral.

The customer who will qualify for this rate, as I just mentioned, is those with a small panel size of up to 125 amps, and we believe, based on your initial research, that customers in the

range of less than 270-kilowatt hours a month will benefit. They will save if they enroll in this rate.

So that's the second part of the recommendation. This optional rate, once again, was designed revenue neutral. If the Board were to approve this rate, we will reach out to the customer who may be eligible and continue with the process of seeing if they are interested to sign up in the rate.

As was mentioned in the introduction of the presentation, every time when we have a rate proposal we take the opportunity to update several other items that are not necessarily driving revenue but that are relevant because, otherwise, some tariffs or other language remains outdated.

We took the opportunity to update the Open Access Transmission Tariff. The last time we did that was in 2016 for the 2017 rate action. Since then, we haven't fully updated the entire list of eight schedules, so we did that. That reflects now the current cost, applies to customers who will be interested in wheeling power through our transmission lines. We don't have any at this time, so there is no fiscal impact from that

recommendation.

The second part that we did, as we updated that portion of the study, we updated the local distribution wheeling service charge, that is, in the event there are local generators in the distribution level interested in wheeling power through our distribution system -- not the transmission system. We don't have any customers in that rate, as well, but, again, we updated the prices by service voltage, and they are reflected in the recommendation. So no fiscal impact for that proposal, as well.

To the right side of the slide, we have here a summary of the miscellaneous tariff language updates that we did. One of them is related to something that we call the standby service charge. It was very inconsistent the way it was described through different tariffs in the commercial schedules, so we just made that consistent. There is no change to the way we apply it. It's just to make that language similar.

In the case of Rule 6 language, it was also to make it consistent with something that we already do today, and it has to do with past due amounts. When a customer has multiple accounts and

one of those accounts end up being behind and now start getting into the process of being potentially discounted, then the practice is to transfer that balance to another account that is actually up to date, not past due, so it's in the benefit of the customers. It's a practice we do today, so we're just making that alignment in the tariff to what we do.

The Rule 16 clarification, it has something to do with -- it's very small words that we add in there that when we install equipment, we own and maintain that equipment. So it wasn't clear, so we add in those few words in that rate in that tariff to make it clear.

And, lastly, removing outdated language on Rule 16, it has to do with some words that it still was making reference to Folsom as being annexed to SMUD. That happened many, many years ago. So we never -- saw that language was in there, so we cleaned it up, and it's going to be not there after this rate process.

No fiscal impacts from these recommendations, just more cleaning up of that particular language.

So that concludes the majority of the

items in the rate proposal. There are a lot of details in the GM Report that we call the CEO/GM Report, but what I've just provided was a high-level summary.

As the Board remember, every time when we have a rate process, we embark in this very comprehensive community outreach that is very extensive, and the goal is to inform our customers and seek their feedback.

The outreach window that we have is about 76 days. We're still in that process. We still have a few meetings scheduled, and we will continue to do that through June 19, the night of the vote.

This slide here shows the fundamental components of that strategy and how we are doing it. We're committed to communicate with our customers through this extensive and proactive outreach, offer many options to present, send information through emails of any means that the customers want us to send them. We hosted virtual and hybrid-combination of meetings here and also tailored presentation as they asked us to do. And we communicate with groups who also have expressed interest in receiving information about this rate recommendation.

As you can see here in the slide, we have

a lot of venues and ways to communicate with our customers, and I will provide more details on the numbers and the statistics of the outreach that we have been doing.

As I mentioned earlier, highlighted and extensive outreach effort was supported with this multi-prong communication and outreach. We use several channels to inform our customers and get their feedback on this rate proposal.

Some of those channels included communications here internally so our customers -- internal employees and customers know that we have this proposal. News release, fully noticed, as I mentioned in the initial slide, we published public notices. And we have fact sheets: One, actually, version in Spanish, the other version is in English. Additionally, we utilized virtual channels like the web, digital, email, used letters, and social media.

We did communicate engagement virtually and in person. It was, as you see here, very comprehensive, and we have kept also the Board updated as we were doing progress on this process.

For the proposed optional use residential rate, if it gets approved, we expect that we will deploy a number of channels, too, to reach out to

them. In that sense, we will provide information, billing parts or billing comparisons so we can make, I will say, an educated decision if they were interested in enrolling on that optional rate.

This slide here summarizes the activities that we have been doing over the past 70 or so day. As the Board can see, we sent over 271,000 emails to our customers. Those include community organizations and leaders and those who have subscribed and are listed in our LISTSERVs.

We call or email more than 2,800 community and business leaders with information about our rate proposal and offered to meet with them and their constituents if that's something that they wanted to do.

We shared information packets and offered to meet with 53 elected officials. We reached out an approximate 185,000 attendees from a variety of community meetings of approximately 65. And we presented to about 40 community organizations and neighborhood associations, and key business received presentations and roundtable information. Those roundtables were recorded, and then so we send those to our commercial customers and some other nonprofit organizations.

And, lastly, we did -- over 1,100 community and business partners were provided rate information in a variety of ways. So this is -- kind of sum up what we have been doing in the public outreach.

And in the next slide, I bring here high-level summary of what we heard and the general feedback. It is, I would say, impossible probably to provide everything in a single slide, but these are the takeaways as we were throughout the community.

In summary, the customers found that they understood the proposal, found that it's straightforward in that they had been appreciative of our outreach, for being at the meetings, and explaining why, and the drivers of increase and the real impacts.

Listed here, you see some of those themes. And overall feedback that we receive, in general, customers are very appreciative of our lower rates. It's something that keeps coming up every meeting. Toward the center of this slide, you see that they love SMUD, and that's a really, really thing that happened.

When you go to these community meetings,

they really barely ask about why the rates are going up. They thank us for the benefits that we bring to them, perhaps some programs that we are already supporting to them or something they are in the process to request from us. It was very overwhelming, that.

And, actually, in some of those meetings -- and I can't repeat exactly the same words, but one of the community members said -- he was coming from, literally, PG&E territory, and he was very happy with the rates that we have and that we are doing a good job with keeping those low. He didn't say exactly those words, but that was the takeaway that I took from him.

And through other venues, emails, or instant messages, I think the sentiment has been more that, yes, those customers, especially those in the fixed-income level, they do recognize that $3, $4 range is going to impact their budgets, and it is something they have to prepare for that. But at the same time, they recognize that we have a service to provide and then we keep rates at 50 percent below PG&E, something that I think the community knows. We see those signs, and we are trying to let them know that it has value that -- and as I mentioned

earlier, it represents $1.9 billion in savings that stays in our community, and they value that. And that's, in general, what we hear.

And, once again, we have provided updates to the Board with how we cover different meetings and different groups. So this is a general overview of that work.

And what's happening next, that's kind of what the contents of the presentation in terms of the rate proposal. We have the public review and comment period, and we are introducing the two draft rate resolutions. One is on the rates. The second one is on the Open Access Transmission Tariff.

The final decision, as the Board knows, has been scheduled at that meeting on June 19th at 6:00 p.m. It's going to be virtual and some in here also.

We have been provided this contact information in all of the different material that we have available from the GM Report, the website, the collateral and fact sheet. The customers have been able to go up there and check those links, phone numbers, and address -- as being available to address new questions.

So at this time, this is the last slide of

the presentation. So I'll close it right now here, and I will be happy to address any questions.

Scott Martin, and -- our chief financial officer and Melissa Kwong, Pricing Supervisor and Jen Restivo from Revenue and Strategy and Planning are here with me in case I cannot address some of those questions.

PRESIDENT FISHMAN: Thank you, Alcides.

Board members, we do have another presentation that we'll also consider, and we'll take questions on both of those after.

But if you have something burning to ask Alcides right now, we can do that, too.

Director Sanborn.

DIRECTOR SANBORN: Thank you, President Fishman.

And thank you, Alcides. That was really laid out and clear. I just have one quick question. So it looks like with the new updated cost-of-living number, we would be at 4 percent is what the increase would be from 2021 to 2027, correct?

SMUD MANAGER ALCIDES: Correct, that's the latest forecast that we see. We --

DIRECTOR SANBORN: It's trending up.

SMUD MANAGER ALCIDES: It's trending up.

That's right, definitely.

DIRECTOR SANBORN: And we're doing a two-year budget, and they're each 3 percent per year. So I guess my question would be:

With the trends going this direction, are we concerned we're going to have enough? And, I mean, the tariffs and everything else going on in the world right now, I do have to ask that question. I think other people would be thinking that same question.

SMUD CFO MARTIN: Scott Martin, Chief Financial Officer. I really appreciate the question.

At this time, with the way the economy is and the various challenges that we're seeing, I think the one message that is coming, you know, loud and clear -- if you look at where the economy is today and where it may be going -- is that there's a lot of volatility. There's a lot of uncertainty, and there's a lot of risk.

So will inflation continue to be around that 3 percent level for the next two years, difficult to say with the forecast today.

We, however, are very confident in what we're doing in order to ensure our budget stays

within the revenue that we're able to collect.

We, I think, have brought to the Board a number of contracts this year that have allowed us to look forward on key infrastructure equipment -- like transformers and other key assets -- that we are already ordering and already, you know, procuring to ensure that our budgets for the future stay reasonable even if inflation were to take off.

In addition to that, we have continued our aggressive hedging program. We look forward at least a number of years -- two to three years out into the future -- on all of our commodity components. We evaluate risk. We evaluate volatility, and we take a look at how can we hedge and keep our commodity budget stable and reasonable.

The Board might also remember that we recently set aside some additional funds that are also available for us in case we have any kind of significant changes within the economy that could affect our budget or could affect our revenue needs going forward.

So I feel, you know, while we can't guarantee, obviously, that -- that we are fully and 100 percent protected from what the economy may do over the next couple of years, I feel confident that

we are prepared as we should be at this point and that the 3 percent is reasonable.

DIRECTOR SANBORN: Thank you very much.

I think it's very important, you know, to remind everybody that we're able to keep these rates low because our staff is doing a really good job of saving money, $33 million on operational savings, doing the reserve funds. We're putting money aside for the rainy days and when things get bumpy.

Our procurement team is doing a great job. Our money managers are doing a great job, but this is not because it doesn't take work. It takes a lot of work and a lot of focus, and I really want to thank the staff for bringing forward rates this low, doing all the things that we're doing. Excellent work. Thank you very much.

PRESIDENT FISHMAN: I would just make one correction. We put money aside for the non-rainy days, for our Hydro Rate Stabilization Fund, okay.

DIRECTOR ROSE: One quick question.

PRESIDENT FISHMAN: Yes, Director Rose.

DIRECTOR ROSE: One of the things -- all this outreach, but I didn't see anywhere if there was anything that we heard or that we learned in all of that outreach that made us clarify or make some

modifications to the proposal from the staff.

SMUD MANAGER ALCIDES: What was the question?

DIRECTOR ROSE: You said everybody said we're great, nobody in these million impressions said "Boy, I have a question about this," and you went "Oh, well, let's clarify that" -- just outreach best management.

SMUD MANAGER ALCIDES: Thank you, Director Rose for that comment and general feedback.

There were questions, and a variety of questions, some -- I would say vast majority -- not directly related to the recommendation.

They often -- customers have questions about how can they gain access to benefits and programs. They did -- some of them, they did ask about -- for example, I recall in one of these meetings in reference to power and whether -- how our resources and from where we get those resources, and also in terms of the -- escalation of things, right? They do know that cost has gone up in general and whether, you know, this rate increases are -- cannot be avoidable.

So that's where the general context of them, at least the ones -- and the ones that we did

document it very -- not directly to the recommendation.

And also we were monitoring some of the chat line and different venues that people communicate. It was very interesting in how, you know, that the benefit that we bring to the community, and they are very aware that our rates are lower than PG&E, in that range of 50 percent. They made that comment very often. And then in those social media communications, even some of them communicating that they don't belong to the SMUD territory; they wish they could be and things of that nature.

It's a very conscious acknowledgement that the rates that we offer are low and then -- because we have been communicating that we're trying and we're committed to keep them within the rate of inflation, I think that has helped to, perhaps, bring other questions that they may have, knowing that actual inflation is a thing that have impacted many things, not just electricity but other things that they are aware in their daily lives.

I don't know if that addresses, Director Rose.

DIRECTOR ROSE: Thank you.

PRESIDENT FISHMAN: Director Herber.

DIRECTOR HERBER: Thank you, President Fishman.

I wanted to ask you a little bit about the decrease in the facility's charge, or the opportunity there for people who use very little electricity to pay less of the facility's charge. And my question is:

How many people or households do you think that will impact, and will our call center be calling people, or will we be just waiting for them to come forward and say, you know, check me out for your new rate? How are we going to deal with that?

SMUD MANAGER ALCIDES HERNANDEZ: Great question, Director Herber.

We are currently actually working internally on how we actually are going to address the rollout of the rate. And I can share where we are.

We haven't finalized that, fully, implementation plan yet, but we have preliminary information on the number of customers that may be benefitting from this rate. I think a high-level number is, we believe, in the neighborhood of 15,000 customers, that they consume low electricity in a

consistent basis, and, also, the best information we have is that they have panels of up to 125 amps.

We are in the process of, as you may know, installing new meters to a group of customers, so the numbers, that I know, are going to be for residential in the range of 150,000 customers.

So as we are visiting those customers and replacing the meter, we are capturing and confirming the panel size that they have. So we will get additional information from there, so that could change our estimates.

But at the moment, with the, I will say, survey that we did and an extrapolation from that, we estimated at about 15,000. From those, it will depend. I think at the moment, we are thinking we're going to use these multichannels not exactly the same, how we did the time-of-day, that it was mass communication across the entire territory, but we will target this to those customers.

We, definitely, will send communications through, perhaps, letters or emails. We will, for sure, include a bill comparison to them to show, you know, how much they pay today with the other rate and how they will pay with the other rate. You're contemplating those, and we're working on those

tools that will help us to do that.

We will train the customer service representatives to make sure that they will follow the process that we are vetting right now: How to take care of those phone calls and how we will address the specific things that may happen that we don't know yet as the customers may -- may know that they would be interested, but we may not know what the size of the panel that they have, but they could help us to confirm that. And we are going through that process of how we're going to manage that.

But our goal is to have this rate -- we're working on the implementation side of things -- to be available by January of 2026 and prepare that marketing work, collateral, and things like that, to enroll customers as soon as we can.

DIRECTOR HERBER: Thank you.

You know, I also want to say that I appreciate the hard work that the rates department does. I appreciate the outreach from our community engagement folks. I do think SMUD is well loved in this community, and so people aren't going to necessarily say negative things about us.

But I guess I want everybody to understand that 3 percent is a lot for a family that's

struggling. And, you know, I'm glad that our SMUD employees found $33 million that they could save, and I also want to say I hope I don't have to keep approving 3 percent increases, 5 percent increases. I'd really like to see us be able to get down to, you know, 1 or 2 percent because I know people are impacted by this.

So, anyway, I just wanted to say those things.

PRESIDENT FISHMAN: Okay. Let's move on to our second presentation.

We did receive a request several weeks ago from Steve Uhler to provide an alternative rate proposal. We've given Mr. Uhler ten minutes to present his comments and an alternative proposal.

I don't see him in the room, but I believe we have made arrangements to play a video or some kind of presentation they put together.

SMUD CLO LEWIS: Yes, President Fishman. Mr. Uhler indicated he may not be able to join us. I just want to make sure that he's not trying to dial in.

So if Mr. Uhler is on the phone and wanting to provide public comments, can you please raise your hand.

Oh, it looks like he might be calling User 1. Can we activate that, then he can present.

Mr. Uhler, are you there? Mr. Uhler?

Is it activated?

STEVE UHLER: Can you hear me?

SMUD CLO LEWIS: Oh, there we go.

Yes, we can hear you.

PRESENTER STEVE UHLER: Yeah.

Board, my report and recommendations is not my public comment. The Public Utility Code 14403.5(b) is not -- is what that report is. And it doesn't remember me to utilize my public comment.

PRESIDENT FISHMAN: Mr. Uhler, we're giving you ten minutes to make your presentation. You have ten minutes.

If you want to make another statement on items not on the agenda, you can have another three minutes. Right now your clock is ticking.

PRESENTER STEVE UHLER: You're violating my First Amendment right.

PRESIDENT FISHMAN: The clock is ticking, Mr. Uhler.

PRESENTER STEVE UHLER: That's fine. It will be ticking, but you are to consider that recommendation.

I am not required to present any of it, and I am not doing that tonight. I will wait for you to view my recommendations and hear your comments.

SMUD CLO LEWIS: Mr. Uhler --

PRESENTER STEVE UHLER: You already are sitting --

You're already sitting with a Brown Act violation for not providing access to the videos, plus blocking them.

You better consider the situation of that, and the Board members even considering this. Because you are not going to use the situation that I made this as a public comment to allow you to consider it. You are not. You are not allowed to do that.

I am not commenting through that presentation. You consider that presentation at your own risk because it's not on the agenda.

I requested to be on the agenda. I was not put on the agenda.

So you'll note that I am not saying anything about what's in my recommendations. You need to view, read, and consider those outside of my public comment. I will be waiting to hear that

happen.

Bear in mind that there's already a Brown Act violation, already a violation. You did not distribute all of my written recommendations. You didn't distribute the videos. They exist. They are on there. I see the staff know where they are. They removed one. They don't seem to know where the other copy of that one is. It's still there.

You're violating the Brown Act by forcing me -- you're violating my First Amendment right by forcing and trying to characterize what I'm saying now as my public comment. It is totally unconnected to my PUC 14403.5(b) written recommendation, written recommendation.

So you figure it out. Yeah, you figure it out. I have not -- I am not given the opportunity to comment on this agenda item if you're considering this as my comment on the agenda item.

PRESIDENT FISHMAN: This is your opportunity, Mr. Uhler, and you are not taking it.

PRESENTER STEVE UHLER: I reject that. I reject that.

You cannot consider me speaking right now to be anything to do with my written recommendation. You cannot. You cannot have a rule that forces me

to say something I do not want to say. That's a First Amendment -- First Amendment right violation. You cannot force me. You cannot force me.

You also cannot not distribute all of the writings that are connected to my comment -- to my -- pardon me, to my -- my recommendation. You cannot not distribute the inclusions there. It's a Brown Act violation. You are to consider my written recommendation outside of the public comments.

If you don't, you're going to have to explain why you did not consider pursuant to 144035 dot B.

So I'm waiting for you to proceed to consider my written recommendation. Your clock is ticking now. You are not to consider this.

PRESIDENT FISHMAN: Mr. Uhler, since we've given you ten minutes to present your recommendation and you're not doing that, I'm going to consider that your time now is up. So --

PRESENTER STEVE UHLER: No, you cannot do that.

PRESIDENT FISHMAN: You may --

PRESENTER STEVE UHLER: Even if you --

PRESIDENT FISHMAN: You may --

(Simultaneously speaking.)

PRESENTER STEVE UHLER: If you say that --
Do not talk over me. You already said -- do not talk over me.
PRESIDENT FISHMAN: You may present your presentation or you may harangue us, but you cannot do both. So either choose to continue with the presentation of your rate proposal, or I will consider your 3 minutes of public comment to be up.
PRESENTER STEVE UHLER: Okay. In closing, I will not -- I will not present it, so it's not part of my public comment. I will not present it.
PRESIDENT FISHMAN: Thank you, Mr. Uhler.
PRESENTER STEVE UHLER: You have to consider it; otherwise, you're violating the Public Utility Code, but I will not present it.
PRESIDENT FISHMAN: Thank you, Mr. Uhler. We appreciate your comment.
PRESENTER STEVE UHLER: I am not presenting it. This is not my recommendation, a written recommendation.
I am speaking now. I'm giving testimony verbally. It has nothing to do with that document that you have as a second exhibit.
You better consider it or have another hearing. How about that? It's up to you.

I would like to comment on your consideration. I would like to comment on your consideration of my written.

You'll note that the verbal, the (a) subdivision doesn't require you to consider anything, but (b) does because they know that you -- you cannot be expected to consider things that are not on the agenda.

So, once again, you must consider my written comment. That is my comment on the situation. You're not -- so please do that, and then I will make my comment on your consideration. How's that? Anybody there?

PRESIDENT FISHMAN: Thank you, Mr. Uhler.

PRESENTER STEVE UHLER: I'll be waiting to hear your consideration.

PRESIDENT FISHMAN: Okay. We have some other public comments that we'd like to get to.

And these speakers have three minutes each. Please come to the podium and speak into the microphone, state and spell your name for the record. Please do not move the microphone. It's designed to pick up your voice at a distance, and please remember to direct your comments to the Board.

If you have written materials you wish to provide to the board, you can hand them to SMUD security to distribute.

Our first speaker is John Weber.

PUBLIC COMMENTER JOHN WEBER: John Weber, J-O-H-N, W-E-B-E-R.

Firstly, I would just like to say I'm a long-term utility geek, and I've been a super fan of SMUD for about 20 years because of its history of forward-thinking. And I applaud you all for your 100 percent renewable commitment.

I've looked at the rates. I've attended both of the rate workshops, and they're both very similar. I think a 3 percent raise of the rates seems fair for the kilowatt hour charges.

The infrastructure charge seems high already in my opinion. My last month's bill, it was about $6 to $7 for my infrastructure bill. I moved here in Texas. So the infrastructure bill seems very high to me. So I hope the 3 percent raise goes to the kilowatt hours.

I also got this sample bill in the mail just the other -- just a few days ago with my first bill. And I was looking at it, and something that I saw was interesting to me.

For solar, the people that have solar panels -- I don't have solar panels -- it sounds like they're getting compensated like .074 cents per kilowatt hour regardless of the time of day, which to me seems pretty low.

I mean, I could understand the off-peak. It says the off-peak rate is 15 cents a kilowatt hour, and the solar people are getting 7.5 -- basically 7.4 cents, which sounds reasonable, about half the rate. So when they overproduce, the power goes to their neighbor, SMUD makes 100 percent profit on it.

But then when you go to mid-peak, at 27 -- or 20.77 cents, the solar people are still only getting .074, and that's 35 percent of what the rate is. And then when you go to summer peak, they're only getting 20 percent of the rate. So that means SMUD is marking up the power that goes to their neighbor by 500 percent.

So I think that the solar people should be given half of the rate time-of-use, so there should be three different rates of credits for the solar people. I think that would be more than fair than SMUD make 100 percent on all of the solar generators.

The other thing I thought was interesting, EV credit, I thought is very much too low, 1.5 cents a kilowatt hour. My last utility, I Dream of (phonetic) Energy, I was getting free power at night. So EV owners, we just get free power at night; from 8:00 p.m. to 6:00 a.m. was free power.

I think the EV rate should be at least a 5 cents -- a credit for that, and that was for 100 percent renewable power, as well.

The other thing, since I'm running out of time, the reason I think you should time base solar is because we really need that energy from 5:00 to 8:00 and that would incentivize people to put solar on the west-facing roofs so they would get a better rate of return.

Thank you very much and have a good evening.

PRESIDENT FISHMAN: Thank you, Mr. Weber.

Roger Blackwell.

PUBLIC COMMENTER ROGER BLACKWELL: This rate increase you got is just about like treating our ratepayers like cash cows. How much can you milk out of them in one day. You keep raising the rates. How about Paul Lau, $600,000.

Here, we got another one. This is a good

one. You're charging double. You charge for pole, lights, transformers, and then you go down into infrastructure, and you're charging again. What kind of scam is going on?

Now, I look at you people as nothing more than pigs sloughing at the financial trough. You want to see what it is. Now all you want to do is raise the rates.

Now, what are you going to do with -- let me go here. 500 -- five -- let's see, got to get the right word here. That's not it. Oh, here it is.

This year alone on the interest structure, you will get $524 million and 9,030. Now, where does this money go? It seems like SMUD goes through money like crap through a goose. And what it is, a fart in the wind?

Just like this, you started out to say, "Oh, we're going to save money," but you don't tell people that from here to here, you get rid of the rate meter reader.

Now, what's the deal with D.E. Shaw. Why don't you tell these people that D.E. Shaw owns the solar system out there at Rancho Seco, Sloughhouse, and Coyote Creek, and god knows where. And you're

buying power from them at the same time you cut the solar people down to nothing.

What's your example. I've asked this question now three times: What do SMUD pays D.E. Shaw per kilowatt hour? I need a number.

You -- either you know it, or you're stonewalling, or you're just damn stupid. What is it? I'm asking. I'm waiting. I don't hear nothing, but yet you want more money so you can say, "Oh, we need more money."

We got the money. Raise your wages, $600,000 for Paul Lau. He wasn't even elected. How much do you make?

And you all need to take a class in public speaking.

PRESIDENT FISHMAN: Thank you, Mr. Blackwell. Your time is up.

Can we ask somebody to get the power purchase agreement price for the Rancho Seco array from D.E. Shaw and get that to Mr. Blackwell?

SMUD CLO LEWIS: Yes, we can do that.

PRESIDENT FISHMAN: Thank you.

Our next speaker is Vincent Mastrototaro.

PUBLIC COMMENTER VINCENT MASTROTOTARO: I'm very concerned with the rate increase.

Now, all you Board members are supposed to represent the public, right? Okay. Basically, SMUD is a monopoly. No one else can come in and sell electricity in Sacramento County.

Now, here are the rate increases we've had since January of '24: January 1st, we had 2.75; we had May the 1st, 3.72; January the 1st, 3.92; April of this year, we had 4.3- -- $4.35, which is 3 percent. And you voted for all of those.

Now, what -- do I have any confidence that you're not going to vote for this? If I go up to Reno and put my money, I guarantee you're going to vote for this because you voted for all of these increases, and you're supposed to be representing the public, but you're not.

If you voted for all of these, you're not looking out for the public. You're rubber-stamping everything that the CEO of SMUD wants. That's not what you're there for, but that's what you're doing. And I guarantee you, you'll probably approve this next one, as well.

Now, another question on the circuit breakers. I think 125-amp, you're giving them a special rate. Most people don't have that circuit breaker box anymore. It's an old system.

Most everybody has 200-amp service, even in their older homes. So that is frivolous savings.

Okay. That's pretty much all I have to say, but I would like -- I'd like to get your vote after you vote for this -- because you'll probably all vote for it. I think if you do all vote for it, again, we need new board members who really represent the citizens here and will take a real look at what you want, instead of rubber-stamping every increase. Because it's a cumulative effect, it's -- 3 percent, 3 percent, it adds up.

How many people are -- how many ratepayers are there in Sacramento?

PRESIDENT FISHMAN: Somewhere north of 600,000.

PUBLIC COMMENTER VINCENT MASTROTOTARO: That's a huge -- that's a huge amount of increase. What are you doing with the money? You have no competition. You have no competition.

(Three-minute time clock sounded.)

PUBLIC COMMENTER VINCENT MASTROTOTARO: Okay. I guess I'm done, right?

PRESIDENT FISHMAN: You're out of time, sir.

PUBLIC COMMENTER VINCENT MASTROTOTARO:

Could I have a minute?

PRESIDENT FISHMAN: No.

PUBLIC COMMENTER VINCENT MASTROTOTARO: No, okay.

PRESIDENT FISHMAN: Thank you for comments. We do appreciate it.

And just as a matter of process, tonight we may consider whether or not we will put one of the rate proposals that we've heard on the agenda for June 19th. We won't actually be voting on anything tonight.

PUBLIC COMMENTER VINCENT MASTROTOTARO: Okay. But you voted for all of these so far. Again, I put money on you'll vote on this. That's not good representation.

PRESIDENT FISHMAN: Thank you.

Alcides, you know, I just wanted to -- since you're still at the podium, I wanted to give Board members another opportunity to comment on your rate proposal. We thought that we might actually get an alternative proposal tonight. We didn't really hear one, I don't think.

General Counsel?

SMUD CLO LEWIS: Laura Lewis, Chief Legal Officer.

Yes, unfortunately, Mr. Uhler opted not to present his alternative rate proposal.

I just want to comment that this hearing was noticed in accordance with the Brown Act. He did request ten minutes. Normally we provide three minutes for public testimony or to present alternative rate proposal. He was granted ten. He chose not to use it.

That said, we have received his written proposal. It's posted on the SMUD Board website. And I believe our staff has had a chance to review it and can likely answer some questions about that proposal so the Board can consider it tonight.

And then, finally, the videos that Mr. Uhler referenced appear to be from 20- -- 2014, and we did not have access to those. So things did not work. And in accordance to the records management policy, if we ever had those videos, they were deleted. I believe they were from some internal learning sessions from 11 years ago.

Thank you.

PRESIDENT FISHMAN: Thank you.

And those records -- those links have been erased, destroyed, whatever, in accordance with our document retention policy.

SMUD CLO LEWIS: Correct.

And the ones that Mr. Uhler sent over were not active.

PRESIDENT FISHMAN: Okay. Thank you.

Alcides, do you some additional comments?

And we will have more questions and/or comments from the Board.

SMUD MANAGER ALCIDES HERNANDEZ: Just some clarifications from the comments that we heard.

In general, I just want to remember I mentioned at the begin of the presentation, we are a none for-profit electric utility. I just want to emphasize that to the community.

So all of the revenue that we collect, that's spent to pay for the costs that it takes to run this utility, and that includes cost of power, maintenance of the distribution and the transmission grid, the different programs that we provide to the community, along with the maintenance and wildfire mitigation, and all regulatory items.

So there is no profit. We're not a for-profit utility. So there is no such thing that we're making money in that context, so I just want to clarify that to the community.

The second part is it's very typical that

a utility collects a fixed charge on customers' bills, and that is intended to collect at least some share of costs that doesn't vary on usage, and that's what we do today on the $26.20. It used to be lower than that, but over the years we have raised that amount.

There are other utilities in the state that have higher charges than that. Up north, we have the City of Redding, $30 per month, higher than we charge; locally here, City of Roseville, $30; Modesto, about $30, and other utilities that I can cite in that range.

And even higher than that in Southern California, there are utilities that, in addition to assessing a fixed charge, that is, the basic, they also assess a fixed charge based on infrastructure rate on the infrastructure that's fixed. We don't do that.

I just want to clarify that to the community, that we're not the ones who have the highest charge but that, yes, it used to be less than what we have today.

In terms of the electric vehicle credit, this was something that got approved around 10 or 12 years ago in one of those rate processes to

incentivize electric vehicle adoption, and we have kept that in the time-of-day rate. So it's a benefit that the customers receive, and our statistics show that they receive about $5 per month, those customers who are enrolled in that rate, and they receive the discount not only on the electric vehicle, but they receive it on the entire whole-house usage. I just want to clarify that.

One thing that we wanted to do -- and I just want to be very transparent with the community. When we set the solar and storage rate -- and the Board may remember it was a very large, extensive process -- our recommendation to the stakeholders, which were members of the solar community, storage, local contractors -- our recommendation was that we wanted to compensate by time-of-day given that we have a time-of-day rate, and that was our desire.

Throughout that stakeholder process, it came to us that the developers who were participating in that process and the solar advocates mentioned that that was complicated in that they not only have the -- in their words, the kitchen-table conversations with a customer, who they don't understand the time-of-day and those situations.

In order to make that simpler, easier to understand -- which aligns with our SD-2 directives -- they will have preferred a flat price. So then so we removed that approach when we have having that conversations, and we ended with the rate that we have today.

So I just want to remember that to the community, that we did actually want to do it that way, by time-of-day, but it was from the feedback that we hear, and that's how we ended with that, the final recommendation.

And, lastly, about the 125-amps, you know, we do know that as we are gathering that information, we will get precise information on how the customers have those size of panels. We do know that most of the apartments, they do have that kind of amperage and also small homes. So that's what we hope that we will get, once we get confirmation to install those meters, and we will offer that rate to the customers who will benefit.

And, yes, Director Fishman, it was about 600,000, the number of customers, related to the question. That's the residential accounts that we have so far.

And I think with that, I hope I'm not

missing anything that was brought up in the public comments.

PRESIDENT FISHMAN: Okay. Thank you.

Board members, any other questions or comments?

Director Bui-Thompson.

DIRECTOR BUI-THOMPSON: I just wanted to say thank you.

I know this is very hard. People may not remember, but before I joined the Board, the Board had significant increases. I've been on the Board for 17 years. And one of the items that I had great heartburn with is our increases were double, triple what we're proposing today for a good long history at SMUD.

And we do have different ways of cutting costs, and I thank the staff for that, but I just would rewind for people that these rate increases are very hard to keep so low.

In California, the average rate increase across California was over 20 percent. In 2024, the average bill was $206. Our average bill is about 145. It will go up, obviously, a little bit.

I came from PG&E territory where my family had to make very tough choices. Granted, even

3 percent is hard for many, but as a child who sat in a PG&E home without power when they increased rates 10 to 20 percent, that's a fairly significant hit. And not to say that 3 percent won't be hard because I've been in that situation where we had to choose between gas and food and lights, and lights were usually the first because PG&E bills were so high.

So I just -- I did want to commend the staff because any rate increase is hard. But COLA last year for Social Security was 2.5 percent, so for us to try to keep hovering around cost of living is a huge lift. And for people that have not experienced the rate increases, that I have my whole life until coming to Sacramento, it's going to get harder and harder, and keeping it at 3 percent, around 3 percent, will be exceptionally hard.

And so I appreciate the work and the cost savings, but I will be shocked in the future if we can continue these because -- you look at your food bill -- I mean, we joke about the price of eggs, right? The price of eggs have tripled in three months. Our rates haven't tripled.

And so I continue to implore the staff to find cost savings, and I know you will. But I know

it will continually get harder. And we will continue to push, right, for the low increases, but I do want to thank the staff. Because if you look at everybody around us, it's double-digit increases that will make it very hard for our neighbors to pay the bills.

And it's still difficult in SMUD territory, but I do understand the magnitude of work that you all had to do to keep these rates as low, and I know any rate increase is hard for all of us. But I do want to acknowledge the hard work to keep it at this rate. Because none of us want any rate increases, but I don't want to stand up here in three to five years and say 20 percent because we didn't do the right thing. So thank you.

PRESIDENT FISHMAN: Thank you, Director Bui-Thompson.

And I see Director Tamayo with his virtual hand raised.

VICE PRESIDENT TAMAYO: Yes. Thank you very much. Do you guys hear me okay?

PRESIDENT FISHMAN: Yes.

VICE PRESIDENT TAMAYO: Okay.

Yeah, you know, I understand the concern that members of the public have with raising rates

at all and, you know, in particular folks who are -- you know, make the least money, this will hurt them the most.

I would remind folks in the audience that we have many programs that are directly targeted towards folks that need the most help, whether it's our EAPR program, programs that help people use energy more efficiently, whether -- you know, like making improvements in their homes and even just making sure that they have an understanding of our time-of-day rates, and a lot of different ways that we reach out to try and make sure that everybody can afford to keep their lights on.

Now, keeping the lights on, you know, one commenter mentioned that, you know, we're responsible to the public. Well, we're very responsible for having a solvent company that will keep the lights on 24/7/365.

And, you know, we're keeping our rates below the cost-of-living increases that everybody is experiencing. And those cost-of-living increases, those affect our costs, as well, whether it's labor, whether it's all of the equipment and supplies that we need.

So, you know, our costs are going up.

That's where a lot of this money is going, is that our costs are going up. The costs for renewables is going up. The cost for commodities, you know, like natural gas is going up. And so we have to be able to pay those bills to keep the lights on and to keep our system reliable, making the improvements that we need to make that will actually make the whole system more efficient in the long run but also keep it reliable.

So that's where the money is going is keeping the lights on, and that's a very important thing to everybody in the public, as well. So we have to balance a lot of the different factors that -- you know, that the public considers. And keeping the lights on is one of the most important things.

So I do want to thank staff for doing so much to keep this below the cost-of-living increases. It's -- they've been doing that for years, and it takes a lot of effort, a lot of creativity, and a lot of, actually, even investments to make it so that we're more efficient.

So I'll end there. Thank you.

PRESIDENT FISHMAN: Thank you, Director Tamayo.

Alcides, although Mr. Uhler chose not to use his time actually presenting his proposal, we do have an alternative proposal in front of us in writing. I have looked through it, and I know you've had a chance to do so, as well.

Do you have some thoughts about its -- what are your thoughts about his proposal?

SMUD MANAGER ALCIDES HERNANDEZ: Yes, President Director Fishman.

We did have a chance to look at it. We received it over a week ago, and he sent us a revised version lately. And I will provide my overall assessment of that potential recommendation that he's making.

First of all, some of the comments are not directly related -- or part of that recommendation related to the rate proposal. A portion of the presentation was -- or that we didn't look through it, but when we review it, it was part of the Brown Act language in the Public Utility Code, which is not exactly an actual recommendation. It was more of a comment, a narrative on that.

Then toward the middle of the slides, then there are topics about something that he calls a path to equitable rates, which is what I'm going to

focus more of my comments on that aspect of the document that he provided.

One of the topics that he mentioned is the better metering power factor. I don't -- this is a very technical term, by the way. I wouldn't expect that the general community or the general customer would understand what the "power factor" is, just at a high level will say that the "power factor" is something that measure the efficiency.

So we normally bill customers on something that we call "kW." That's a very standard measurement. So when the efficiency in the system is 100, then 1 kW equals to the power that we need to provide -- the need of the power.

And there is an alternative power that is called kVA -- instead of kW, kVA. So when that unit is 100 -- or 1 kW equal 1 kVA. There is no difference, but that is less efficient. Let's say 50 percent, then 1 kW is equal to 2 kVA, so it's that ratio that varies. And I hope that with this simple explanation we understand that when we talk about power factor, we're talking about a whole different metering and billing way of doing things.

We do that for commercial customers because those are large loads. And as this load

power factor is in those large factories, then it may impact the grid because there are large loads. And then -- so we do assess something that we call a "power factor charge" for the majority of the large commercial customers. They do have control to do something with it because they normally have staff to deal with the bills, the maintenance, and those kinds of things, and they also hire consultants or advisors to help with that.

It's not very typical in the residential type of service to assess that kind of charge. The reason for that is because it requires different metering equipment. So normally metering equipment does not track that.

As we adopted the new technology of meters that we have today, we found that some of those, very few, do have that -- we can call capability to record power factor, very few. As we are now replacing some of those meters with a new wave of meters, the majority of the new ones do not have that ability to do it, but we're not going to replace the entire residential meters.

As the Board knows, we're probably going to do 150,000 meters in the residential, and we still have 600,000 total, so that leaves a big

amount of customers who will not have that meter.

So just attempting to do it would require a massive investment to install the remainder of the meters to be fair with everyone because we believe that it's not just fair that just those who may have the meter will be subject to this charge, or potential charge and those who don't have the meters just don't.

But the most important aspect is that an individual customer load is so small, that really managing this power factor of individual loads is just not practical. And that's why our engineers, our designers, they take into account where the meters are observing low power factor, and they install the proper equipment to improve that from that point forward up to the chain of the grid but not an individual residential. That's one aspect.

The other part of it, if we were to do something like that, it goes, kind of, in conflict with SD-2 that tell us to design rates that are easy and simple to understand. And, quite frankly, as far as I know, there is no utility that does that at this moment, the charges power factor to residential customers.

And, lastly, it would require a

significant -- and this is heavily -- billing change, right? At the moment, we charge -- the way we do it with time-of-day, and it would require billing changes to add one more item on the bill. Along with that the calculation itself is not an easy math, but, you know, the meter can determine that, and we can work through that. It's complicated.

And in addition to that, evaluation of this, it would require a lot of analytical work to measure the impact the different customers will have. Some customers may have high power factor or medium and things like that. So it will be a different kind of billing that we're talking, and that is complex and in conflict with SD-2.

So for that reason, we recommend that this is not something that the Board should explore at this time. It's complicated, conflicts with SD-2, and requires a significant amount of meters to be fair with the entire residential population.

And, more importantly, individual customers don't have control over that. You know, they buy appliances. They buy refrigerators, microwaves, and things that the last thing that they check is what is the power factor of those devices.

They buy what is already available that meets standards of the, you know, regulatory framework that we have, but power factor is not one of those things that is actually easily available. So for that reason, we do that as a distribution company, and we take care of that on behalf of the customers.

The second recommendation that he makes is something he calls "Improve Efficiency, parentheses, Loading Order." Part of that is more related to a policy than actually a billing or a rate. So it's more in a principle, and it is -- in that sense, it would be more toward the SD-2 type of principle. And at this time, this recommendation is specifically on revenue-related rates. So we recommend that this is not an item related to the rate proposal.

SMUD CLO LEWIS: Just because you say "SD-2," I just want to make sure the pubic is --

SMUD MANAGER ALCIDES HERNANDEZ: Oh, yes.

DIRECTOR SANBORN: It's Strategic Directives. It's the policies that we give to the staff.

SMUD MANAGER ALCIDES HERNANDEZ: Thank you, Director Sanborn. I forgot that we tend to use these acronyms. And thank you for reminding me.

PRESIDENT FISHMAN: Thank you. Appreciate it very much.

SMUD MANAGER ALCIDES HERNANDEZ: Yes, it's Strategic Directive 2, which is a summary of Board policies, rate design, and cost.

There is a charge that he included it in the presentation, is taken from the General Manager's Report. When we included that, we -- we do -- all the time when we design a new rate, we show the benefitters from the rate, in one side, and the non-benefitters on the other side. Because every time when we design a new rate, there will be those customers who may not benefit and others who do. So that's what we're attempting to do. He included that in the presentation. Again, our intention to use it was more to illustrate who are the potential benefitters and who don't benefit from the rate.

There is a third item, the "Less Cost Shift, parentheses, Equitable Rate." His point in that is that, once again, charging power factor will reduce cost shift.

And in that context, when we do a rate design, we look at the entire cost of providing service. We account for the cost of transmission

lines, distribution, cost of the local infrastructure, customer care, administration, and things of that nature.

And in the case of commercial customers, once again, because they do have control and they can do something about the size and making sure that the power factor is efficient, we do assess that because it's practical, and they actually can do it. And it's actually a saving for SMUD because we don't do that investment. They do it on behalf on their own, and we don't do that.

We do offer to commercial customers something that we call power factor waiver because it's something that sometimes they just cannot fix it themselves. So then we allow them to pay a determined amount that reflects a fair amount of power factor, and then we -- with that, then we do the improvements for them.

In that part of the recommendation, we believe that, once again, as I mentioned earlier, the load from these very small residential customers -- we're talking about 6, 7-kW -- compared to large manufacturing companies, data centers, and hospitals, it wouldn't be practical to do that for individual customers.

We do, once again, as I mentioned earlier, have a similar equal (Indecipherable) level, which is more efficient rather than addressing them individually. And for that recommendation is, for us, not to consider that aspect of the power factor, which is cited in that part of Less Cost Shift by doing this cost power factor.

Conceptually -- I just want to clarify to the Board. Conceptually, yes, it's an approach that is logical, but impractical. In the residential customer, it's very difficult because of the complexity of it.

And, lastly, Mr. Uhler includes some points in his presentation that aren't really alternatives. We see that they are more like policies and not related to the rate proposal. So those are more related to better material resource planning. He makes reference to the applications that we use for that, and is unrelated to the rate proposal.

He mentioned something -- and I hope I'm pronouncing this right -- the Deming Prize Quality Award, something that is unrelated to. It's more of a best practice, perhaps, that we could pursue. And we appreciate his feedback on that, and we can read

about that.

And then, lastly, something about creating a standing committee for process improvement. We actually have one already. We have the -- the Board knows -- the Operational Excellence, something that we literally do regularly as part of what -- our regular practices to save costs. But we also have -- it's not related to the rate proposal, but we appreciate that he's thinking about those kind of processes which we already have in place.

I think that was to the extent I was able to review and provide the Board an overview assessment. So none of those at this time recommend -- some are policies we're not visiting at this moment, the Strategic Directive 2. And the rates-related are not practical given the situation of what we have.

And so we are recommending that the Board not consider that part of the recommendation.

PRESIDENT FISHMAN: Thank you, Alcides.

I just want -- my comments are that, you know, I did look at the material that Mr. Uhler provided, and thank you for confirming what I thought was, okay, this definitely is much more complex than our Strategic Directive 2 would

indicate is part of our policy. Most of our customers don't understand power factor. I'm not sure that I completely understand power factor.

So that's -- that's one thought, that it goes against our Strategic Directive 2 and its direction for simplicity as much as possible in our rate design.

My other thought was for most of the last 20 years -- and to perhaps even before that -- SMUD has been recommended as one of the best public utilities in the country. And I think -- and I'm not taking credit, but certainly in the ten years that I've been on the Board, it has been recognized so. Our rates are among the lowest in California, and our customer service is consistently high.

And what Mr. Uhler is proposing is to completely change the way that we assess rates on our customers, and I see absolutely no reason to even think about doing that. What we have is working.

Having said that, yes, we have consistently seen rate increases over the last several years, relatively small and in keeping with the rate of inflation. And as all of my fellow Board members have suggested, we know that that's

difficult for people.

The 3 percent that we're talking about over the next few years will add about roughly $10 to the average bill, and for some families that's a burden. We understand that, and we don't do this -- we don't take it lightly.

I guess I'd like to address one of the comments that we're rubber-stamping what our staff proposes to us. And I would answer that with the thought, you know, our staff, certainly over the ten years that I've been on the board, has brought to us thoughtful, reasonable, defensible, rate proposals that reflect real data, facts that are provable, and a nuanced approach to providing enough revenue to keep this utility functioning well, providing the benefits it provides to the community, and not so high that we're unduly burdening our customers to the degree that that's possible, coupled with all of the things that we already talked about to reduce our overall costs and expenditures so we can keep the rate increases as long as possible.

So, Alcides, again, my thanks to you, to the entire rates team, and really the entire staff because this goes -- everything goes into this rate. This is a team effort, so thank you. I appreciate

that.

More comments from the Board?

Mr. Mastrototaro, I need you to fill out another form, and you can have another three --

A quick question, one quick question. Could you come to the microphone, please.

VINCENT MASTROTOTARO: Electricity that you produce, how much of it is bought from someone else, what percentage?

PRESIDENT FISHMAN: It's going to vary from year to year, Mr. Mastrototaro. It depends a lot on what kind of hydroelectric resources we have, which depends on rainfall and snowpack up in the mountains. It's -- I think we produce roughly more than 50 percent, typically.

But we also go out to the market when it's less expensive to buy power on the open market when -- as opposed to either burning natural gas or running short hydro resources on a dry year, so we're always trying to maximize --

VINCENT MASTROTOTARO: That's fine. I sort of -- okay.

PRESIDENT FISHMAN: I gave you one question. If you'd like to --

VINCENT MASTROTOTARO: That's it. Thank you.

PRESIDENT FISHMAN: If you'd like to make another comment, you can fill out another form and make comments in the section, that we're coming up to shortly, for public comments for items not on the agenda, okay? Thank you.

All right. At this time -- Director Rose.

DIRECTOR ROSE: Thank you. I have some questions and some responses.

So let me say this is a public comment, right? This Board, we meet a lot. We have a lot of committee meetings. We have five standing meetings a month. (Indecipherable.) We are here on the dais in our most formal attire. You're only seeing a little snippet of the daily operations.

Last month, we got the -- or in the last month or two, we got the operational report that shows exactly where our power came from last year. It would take me a couple of minutes to pull it up, and I'm happy to do that if you want to stay after the meeting.

But my point is, like, we spend a lot of time on this. We go through the spending. We have contracts come through here. We go through the

budget in extreme detail, and I have some questions and comment on that. We go through our commodities. We're very much an open book.

But when we're in this formal hearing proceeding, it's not a back-and-forth conversation, but I am, and the staff, we're all happy to have the conversation.

The same goes to the solar policy. We spent two-and-a-half years on the solar evaluation policy and that policymaking, a whole back story, happy to talk about that.

So just keep that in mind, if you're just coming in tonight and you're hearing about all of these rate increases, we've all said, yeah, these things -- think it's a lot of money, but please just keep that in mind.

I have a couple of things. One, Alcides, just solar -- our solar changes, are we okay -- we are not making any changes to the solar policies neither in the value of -- the value that we're paying the export rate or -- also, it sounds like we're also not making any changes to the grandfather requirements, is that -- are we happy with the current policies? They seem to be working. Because this is the opportunity where we get to change

those.

SMUD MANAGER ALCIDES HERNANDEZ: That is correct, Director Rose.

The recommendation that we brought back in mid-March, has been out there in the community for the last three months, has no recommendations on changing net metering or solar storage policies, so what we have is what we'll continue to do.

I just want to remind the Board, however, that once the policy on the solar and storage rate got approved -- it feels like it was yesterday, but it was in 2021 -- yes, pretty positive it was in 2021 -- and we implemented it right after that in March of 2022.

And so there was one provision in that policy that after a period of time -- four years specifically is what the policy said -- that we will look at that value of that compensation, that we're going to do a comprehensive stakeholder process like we did -- but we're going to look at based on index and factors like that to update that price and bring a recommendation to the Board.

So we are not at that point yet, but it's something I just want to remind the Board. So the policies says four years. We are on the third year

now, so that is something that is on the horizon.

DIRECTOR ROSE: Some other questions.

And this is with the solar. I think one of the fundamental shifts on our solar policy is that if you have a solar system, it's your power, but you also need to use it and use it when you're generating it. SMUD is not particularly a battery. The grid does not operate that way, one little piece of that insight was one of the fundamental changes, and I wanted to throw that out there.

I'm curious about was there any thought about having some kind of midday low rate, like we do with our commercial rates. As we see a glut of solar and renewable generation, especially in the spring, summer, and fall, it seems like there's an opportunity there to provide, like, a charging discount, some kind of an inducement to use more power outside of 5:00 to 8:00 but also when they're using a glut of it. I was curious if you have any thoughts on that, and maybe not in this round but a future round.

SMUD MANAGER ALCIDES HERNANDEZ: Yeah, we did not in this rate proposal, Director Rose.

So our recommendation is continue to have existing time-of-day as we have it today, but that

is something that we are monitoring.

As the Board may remember, just the last month we had a presentation by E3 on the aspect of the trends in the industry and things of that nature. So one of the takeaways from that presentation was that now we start seeing, at a system level, right, California as a whole, a lot of excess power during certain times of the day, so the more -- you may remember about that.

So the more solar gets into the system, then that will continue to create more of that. And at some point, certain times of the year, you have -- some of the generators asked to take that power, so that's what we are encouraging adoption of storage because it's when we want to store that power.

And so we continue to monitor that, Director Rose. We don't have any specific recommendation, but we will keep an eye on the trends and see whether there is a tweak or some adjustments needed.

DIRECTOR ROSE: I do know as we -- like, the grid -- for people who, like, aren't energy wonks, like me who has been doing this for 20 years -- and the solar, I don't know, but the

grid operation has done like a 180. We used to have, like, peak demand at noon. Fast forward 10 or 15 years, peak demand is 6:00 p.m., right, in September -- net demand, I should say, so a lot if things -- go ahead.

SMUD CFO MARTIN: Scott Martin, CFO.

One of the things we want to do, especially since energy markets are changing rapidly and prices are very volatile, instead of memorializing, in a way, a price in the tariff that is fixed for a couple of years and then needs to get revisited a couple of years later and potentially adjusted again and then fixed again, and going through that kind of rate cycle, instead of doing something like that, what we've tried to do is start implementing programs which have the flexibility to offer incentives and value during those changing times and seasons to more closely match what the energy market really is doing on a more realtime basis and can adjust and fluctuate more quickly based on those markets.

And so that's really where we're going with a lot of our EV incentives and our EV rebates and our EV pricing.

DIRECTOR ROSE: Just a couple of things,

almost wrapped up.

One of my comments is about just the timing of this. This is -- basically, our rate-making we do generally every two years. It's a two-year commitment looking forward.

Things just seem really uncertain, and there's talks of the tariffs and how are things going to roll through, and part of me wonders is it smart to make this decision? It's not for a couple of weeks, but is there -- or should we sort of kick it down the road and watch how things are developing? I don't know. It's sort of a train of thought just with what's going on.

And then the one last thing I wanted to mention -- I have a couple of other commitments. One thing I noticed -- I was at the California Municipal Utility Association annual conference about two months ago now, and one of the things I really noticed that resonated with me is that not -- when we look at the rates, we're pretty close -- all the same with the other municipal utilities, public utilities, though we're all considerably less than Los Angeles still, but it's not apples to apples.

Some of these utilities did not have smart meters and some of the really, what we consider,

fundamental operational technologies, and they had big investments that they were going to have to make. And so some of that stuff, when we try to do apples-to-apples comparison with rates really gets lost.

And, of course, we're -- I just ran for reelection, right? Like, in October the average household was 57.8 percent less than PG&E's rates, which was 118 percent more. So it's always a challenge to know exactly where you're hitting the mark, but I just thought that was a real interesting insight. And that will be the extent of my comment at least for the moment.

SMUD CFO MARTIN: Scott Martin, CFO.

I just want to respond to one thing I think Director Rose said about potentially delaying or kicking this rate decision down the road a little bit.

One of the reasons why we started and targeted this end date was so that we could have the time between the Board's decision and the rate implementation to actually make all of the changes within our systems and be prepared for the rate change that's going to occur on January 1st. So we need that. We need that time period.

Any delay in that time period is really going to affect your ability and our testing and our effectiveness in being able to implement this with certainty on January 1st. And, again, any delay in terms of January 1st is an impact to our revenue, and that produces more financial risk for SMUD not less.

DIRECTOR ROSE: Real quick. I'm just about done.

Back in April I was asking about the day's cash on hand, and staff ran the analysis, and it was pretty clear without the rate proposal that we would drop below the minimum day's cash on hand without it.

And I thank you for sending me that analysis, and I also saw it in the General Manager's Report.

SMUD CFO MARTIN: Right. Any delay is going to have a significant impact on our financial metrics, including day's cash on hand, as you're mentioning, and likely will be definitely reflected within our credit ratings.

PRESIDENT FISHMAN: Yeah, the bond agencies are definitely watching.

Director Sanborn.

DIRECTOR SANBORN: I'll keep this fast. Thank you, President Fishman.

One of the things that we have not skimped on, we focus a lot on customer service, safety, and reliability. And those things keep us stable and are partly why our credit ratings are good.

We've got a lot of -- this Board has been raising rates as we need it. We don't do it because we love doing it. We do it because we have to. And everybody's rates and costs are going up as our ours.

Just as an example, our wildfire insurance jumped $22 million over the last couple of years.

And we are doing everything we can to keep safe. And we don't skimp on those things, but that's to be preventive to make sure we're not causing problems that cost the ratepayers down the road. So we've made the investments to be preemptive so that we can keep rates low. We can keep our insurances as low as we possibly can.

And I just want to remind everybody, our rates -- our interest rates that the banks are charging us are actually much lower. Our credit rating is very high now because we have been doing all this work. And those little tiny changes in our

credit ratings make huge changes to how much we pay on debt.

So, again, I want to thank the staff. Let's hope we can hold this where it is at the 3 and 3, and the world is changing fast, as we've said, but this is all we can do at this point in time.

And I strongly support where we are and the proposal the staff brought forward. And we are not -- I can speak for all of us, I'm sure: We've done our homework. So thank you very much.

BOARD PRESIDENT FISHMAN: Director Herber.

DIRECTOR HERBER: Thank you, President Fishman.

I guess I also just wanted to make a couple of comments. I did look at Mr. Uhler's proposal, and I had similar issues with it that Alcides pointed out. Don't think it is practical for SMUD, and many of the things that are suggested in there we've already implemented.

So I do want to say we're always open to new ideas and ways to save money, but I didn't see anything in Mr. Uhler's proposal that really would have done that.

And I also, too, want to thank our staff for working really hard to keep our rates low.

Obviously, they've been successful because we're, you know, over 50 percent lower, and we are the best and the brightest. So I expect us to continue to look for ways to keep the rates down.

And with that, just say thank you to staff one more time.

PRESIDENT FISHMAN: Okay. Seeing no more questions or comments from the Board, I will close the public hearing.

(Agenda Item 2 concluded at 7:53 p.m.)

(Further Board proceedings held, not transcribed.)

--oOo--

(Exhibits 1 through 11 were submitted to Reporter.)

--oOo--

REPORTER'S CERTIFICATE

--oOo--

, CHERYL L. KYLE, a Certified Shorthand Reporter for the State of California, duly commissioned and a disinterested person, certify:

That the foregoing transcript was taken before me at the time and place herein set forth;

That the statements of all parties made at the time of the proceeding were recorded stenographically by me to the best of my ability and were thereafter transcribed into typewriting;

That the foregoing transcript is a record of the statements of all parties made at the time of the proceeding.

IN WITNESS WHEREOF, I subscribe my name on this 16th day of June, 2025.

Cheryl L. Kyle, CSR No. 7014
Certified Shorthand Reporter
State of California

Ref. No. 25138

$

$1.9 (2)
11:2;25:1
$10 (3)
14:19,20;71:3
$145 (1)
13:23
$17 (1)
16:17
$206 (1)
55:22
$22 (2)
9:23;82:13
$251 (1)
9:13
$26.20 (2)
15:21;52:4
$280 (1)
9:10
$3 (2)
15:4;24:18
$30 (3)
52:9,10,11
$33 (3)
10:11;29:7;35:2
$34 (1)
9:2
$4 (3)
15:4,4;24:19
$4.35 (2)
14:1;47:8
$4.48 (1)
14:2
$5 (1)
53:4
$524 (1)
45:14
$6 (1)
42:18
$600,000 (2)
44:24;46:12
$7 (1)
42:18
$9 (1)
14:3
$90 (1)
9:18

A

ability (2)
62:21;81:2
able (8)
25:22;28:1;29:5;
35:5,20;59:4;69:11;
81:3
absolutely (1)
70:18
Access (7)
4:12;8:9;17:18;
25:13;30:15;37:9;
50:16
accordance (3)
50:4,17,24
account (3)
19:4;63:13;66:25
accounts (3)
18:25;19:1;54:23
acknowledge (1)
57:11
acknowledgement (1)
31:14
acronyms (1)
65:25
across (4)
10:22;14:5;33:18;
55:21
Act (6)
37:8;38:3,9;39:8;
50:4;60:20
action (3)
7:13;8:17;17:19
activate (1)
36:2
activated (1)
36:4
active (1)
51:3
activities (1)
22:5
actual (3)
12:11;31:20;60:21
actually (18)
19:4;21:15;24:7;
32:16,17;49:10,20;
54:8;59:7,21;60:2;
65:4,10;67:8,9;69:4;
80:22;82:23
actuals (1)
12:4
add (4)
19:11,13;64:4;71:3
addition (5)
9:17;14:21;28:9;
52:14;64:9
additional (4)
5:11;28:17;33:10;
51:5
Additionally (1)
21:17
address (8)
6:14;25:23,24;26:2,
6;32:17;34:6;71:7
addresses (1)
31:23
addressing (1)
68:3
adds (1)
48:11
adequacy (1)
9:6
adjust (1)
78:20
adjusted (1)
78:13
adjustments (1)
77:21
administration (1)
67:2
administrative (1)
9:18
adopted (2)
12:6;62:15
adoption (2)
53:1;77:14
advance (1)
5:12
advisors (1)
62:9
advocates (1)
53:21
affect (4)
28:20,20;58:22;
81:2
afford (1)
58:13
again (17)
17:5;18:9;25:4;
41:9;45:3;48:7;49:14;
66:15,21;67:5,20;
68:1;71:22;78:13,13;
81:4;83:3
against (1)
70:5
agencies (1)
81:24
Agenda (13)
4:4,7;5:19;36:17;
37:19,20,21;38:17,18;
41:8;49:9;73:7;84:10
aggressive (1)
28:10
ago (7)
19:18;35:12;42:23;
50:20;52:25;60:11;
79:18
agreement (1)
46:19
agriculture (1)
13:18
ahead (1)
78:5
Alcides (26)
6:3,4,6,12;26:8,13,
17,22,25;30:2,9;
32:14;49:17;51:5,8;
60:1,8;65:19,23;66:3;
69:20;71:22;74:17;
75:2;76:22;83:17
alignment (1)
19:7
aligns (1)
54:2
allow (2)
37:14;67:15
allowed (2)
28:3;37:15
allowing (1)
6:9
almost (1)
79:1
alone (1)
45:13
along (2)
51:19;64:5
alternative (9)
4:22;5:1;35:13,15;
49:21;50:2,7;60:3;
61:15
alternatives (1)
68:15
although (1)
60:1
always (3)
72:21;80:9;83:20
Amendment (4)
36:20;38:10;39:2,2
among (2)
10:16;70:14
amount (9)
14:22;15:19,20;
48:17;52:6;63:1;
64:19;67:16,16
amounts (2)
15:1;18:25
amperage (1)
54:17
amps (4)
8:6;16:3,24;33:2
analysis (2)
81:11,16
analytical (1)
64:10
and/or (1)
51:6
Angeles (1)
79:23
annexed (1)
19:17
annual (2)
11:2;79:17
anticipated (1)
13:1
anymore (1)
47:25
apartment (1)
16:14
apartments (1)
54:16
appear (1)
50:15
applaud (1)
42:10
apples (2)
79:23,23
apples-to-apples (1)
80:4
appliances (1)
64:23
applications (1)
68:18
applies (1)
17:22
apply (2)
8:1;18:20
appreciate (10)
27:12;34:19,20;
40:17;49:6;56:18;
66:1;68:25;69:9;
71:25
appreciative (2)
23:14,20
approach (5)
13:3,6;54:4;68:9;
71:14
approve (3)
5:5;17:7;47:20
approved (3)
21:24;52:24;75:11
approving (1)
35:4
approximate (1)
22:18
approximately (2)
7:5;22:19
April (4)
7:8;10:21;47:8;
81:10
area (2)
9:2,24
around (6)
11:13;27:21;52:24;
56:12,17;57:4
arrangements (1)
35:17
array (1)
46:19
aside (3)
28:17;29:8,18
aspect (5)
61:1;63:9,17;68:5;
77:3
assess (5)
52:16;62:3,11;67:7;
70:17
assessing (1)
52:15
assessment (2)
60:13;69:13
assets (2)
9:10;28:5
Assistance (2)
14:9,17
associated (2)
16:9,10
Association (1)
79:17
associations (1)
22:21
attempting (2)
63:2;66:14
attended (1)
42:12

attendees (1)
22:18
attire (1)
73:15
audience (1)
58:4
available (6)
25:20,23;28:18;
34:14;65:1,4
average (14)
10:25;12:3,21;13:8,
9,19,20;14:3;15:2;
55:20,22,22;71:4;
80:7
avoidable (1)
30:23
avoided (1)
10:12
Award (1)
68:23
aware (2)
31:7,22

B

back (7)
6:20;8:21;12:11,19;
74:10;75:4;81:10
back-and-forth (1)
74:5
balance (2)
19:4;59:13
banks (1)
82:22
barely (1)
24:1
base (1)
44:11
based (5)
14:22;16:24;52:16;
75:20;78:21
basic (1)
52:15
basically (3)
43:9;47:2;79:3
basis (2)
33:1;78:20
battery (1)
76:7
Bear (1)
38:2
begin (1)
51:11
behalf (2)
65:6;67:10
behind (1)
19:1
belong (1)
31:11
below (5)
12:24;24:22;58:20;
59:18;81:13
benefit (8)
15:10;17:2;19:5;
31:6;53:3;54:20;
66:13,17
benefits (3)
24:2;30:15;71:16
benefitters (2)
66:10,17
benefitting (1)
32:23
best (5)
30:8;33:1;68:24;
70:10;84:2
better (5)
37:11;40:24;44:14;
61:4;68:17
big (2)
62:25;80:2
bill (16)
13:19;14:3,12;
16:16;33:22;42:17,
18,19,22,24;55:22,22;
56:21;61:10;64:4;
71:4
billing (10)
15:8,9;16:9;22:2,2;
61:23;64:1,4,14;
65:10
billion (2)
11:2;25:1
bills (7)
13:9;15:2;52:2;
56:7;57:6;59:5;62:7
bit (3)
32:4;55:23;80:18
Blackwell (4)
44:19,20;46:17,20
blocking (1)
37:10
Board (66)
4:2,19,24;5:3,4,5,
20;6:8,15,19,25;7:1,3,
6,12;8:19;10:3;11:15;
12:10;14:5;15:16;
16:6;17:6;20:5;21:21;
22:7;25:5,14;26:9;
28:2,16;36:9;37:12;
41:25;42:2;47:1;48:7;
49:19;50:10,13;51:7;
53:12;55:4,10,10,11;
62:23;64:17;66:4;
68:9;69:4,12,18;
70:13,25;71:11;72:3;
73:12;75:9,22,24;
77:2;82:7;83:11;84:8,
11
Board's (1)
80:21
bond (2)
10:9;81:23
book (1)
74:3
both (5)
8:1;26:11;40:6;
42:13,13
bottom (1)
13:5
bought (1)
72:9
box (1)
47:25
Boy (1)
30:6
breaker (1)
47:25
breakers (1)
47:23
brief (1)
4:16
brightest (1)
84:3
bring (5)
23:6;24:2;31:6,19;
75:21
bringing (2)
11:15;29:14
brought (5)
28:2;55:1;71:11;
75:4;83:8
Brown (6)
37:8;38:3,9;39:8;
50:4;60:20
budget (5)
27:3,25;28:15,20;
74:1
budgets (2)
24:19;28:7
building (1)
9:19
Bui-Thompson (3)
55:6,7;57:17
bumpy (1)
29:9
burden (1)
71:5
burdening (1)
71:17
burning (2)
26:12;72:19
business (3)
22:12,21;23:2
buy (4)
64:23,23;65:1;
72:18
buying (1)
46:1

C

calculation (1)
64:5
California (7)
10:16;52:14;55:20,
21;70:14;77:7;79:16
call (12)
7:2;8:4;11:7;16:21;
18:16;20:2;22:11;
32:10;61:11;62:3,17;
67:13
called (2)
15:15;61:16
calling (2)
32:11;36:1
calls (3)
34:5;60:24;65:8
came (3)
53:19;55:24;73:19
can (43)
6:16;20:25;22:2,7;
26:13;28:14;30:15;
32:18;34:16;35:24;
36:2,2,5,7,17;42:2;
44:22;46:9,18,21;
47:3;50:12,13;52:11;
56:20;58:12;62:17;
64:6,7;67:6,8;68:25;
71:20;72:5;73:4;
78:20;82:14,19,19,20;
83:4,6,9
capability (1)
62:17
capable (1)
9:15
capacity (1)
9:14
capture (1)
6:21
capturing (1)
33:8
care (3)
34:5;65:6;67:2
case (6)
11:7;14:8;18:22;
26:6;28:18;67:4
cash (4)
44:22;81:11,13,20
category (1)
13:10
causing (1)
82:17
center (2)
23:22;32:10
centers (1)
67:23
cents (7)
16:19;43:3,7,9,14;
44:2,8
CEO (4)
4:14,21;7:2;47:18
CEO/GM (1)
20:2
certain (2)
77:8,12
certainly (2)
70:12;71:10
certainty (1)
81:4
CFO (6)
27:11;78:6,6;80:14,
14;81:18
chain (1)
63:16
challenge (1)
80:10
challenges (1)
27:15
chance (3)
50:11;60:5,10
change (6)
18:20;33:11;64:2;
70:17;74:25;80:24
changes (9)
28:19;64:4;74:18,
19,22;76:9;80:22;
82:25;83:1
changing (4)
75:7;78:8,17;83:5
channels (4)
21:8,10,17,25
characterize (1)
38:11
Charge (24)
14:19,20;15:18,25;
16:5,15,20;18:4,16;
32:5,7;42:16;45:1;
52:1,10,15,16,21;
62:4,11;63:6,7;64:2;
66:6
charges (4)
15:21;42:15;52:8;
63:23
charging (5)
45:1,3;66:21;76:16;
82:23
chart (1)
12:2
chat (1)
31:4
check (3)
25:22;32:12;64:25
Chief (7)
4:8,10,15;5:13;
26:3;27:11;49:24
child (1)
56:1
choices (1)
55:25
choose (3)
13:20;40:6;56:6
chose (2)
50:8;60:1
circuit (2)
47:22,25
cite (1)
52:12
cited (1)
68:6
citizens (1)
48:8
City (2)
52:9,10
clarification (1)
19:9

clarifications (1)
51:9
clarify (6)
29:25;30:7;51:24;
52:19;53:8;68:8
class (2)
13:11;46:14
cleaned (1)
19:20
cleaning (1)
19:23
clear (5)
19:13,14;26:18;
27:17;81:12
CLO (8)
4:17;35:19;36:6;
37:5;46:21;49:24;
51:1;65:17
clock (4)
36:18,21;39:14;
48:20
close (4)
4:23;26:1;79:20;
84:8
closely (1)
78:18
closing (1)
40:9
Code (3)
36:10;40:15;60:20
COLA (1)
56:10
collateral (2)
25:21;34:15
collect (4)
16:10;28:1;51:14;
52:2
collects (1)
52:1
coming (6)
23:21;24:10;27:16;
56:15;73:5;74:13
commenced (2)
4:1,4
commend (1)
56:9
comment (29)
5:2,18;6:1;25:11;
30:10;31:9;36:10,12;
37:14,25;38:12,17,18;
39:5;40:8,11,17;41:1,
2,10,10,12;49:19;
50:3;60:22;73:4,11;
74:2;80:12
COMMENTER (9)
42:5;44:20;46:24;
48:16,21,25;49:3,12;
58:15
commenting (1)
37:17
comments (25)
5:4,16,16;35:15,24;
37:4;39:9;41:18,24;
49:6;51:5,7,9;55:2,5;
60:15;61:1;69:21;
71:8;72:3;73:5,6;
79:2;83:15;84:8
commercial (11)
13:17,17;14:6,7;
18:18;22:24;61:24;
62:5;67:4,12;76:13
commitment (3)
11:18;42:11;79:5
commitments (1)
79:15
committed (2)
20:16;31:17
committee (3)
7:1;69:3;73:13
commodities (2)
59:3;74:2
commodity (4)
8:25;9:3;28:12,15
communicate (5)
20:16,22;21:1,19;
31:5
communicating (2)
31:11,16
communication (2)
21:7;33:18
communications (3)
21:11;31:10;33:20
community (26)
11:2,3;20:7;22:8,
11,19,20;23:2,11,25;
24:9,23;25:2;31:7;
34:20,22;51:13,19,24;
52:20;53:10,14;54:8;
61:6;71:16;75:5
community-owned (1)
10:14
companies (1)
67:23
company (2)
58:17;65:5
compare (3)
11:21,23,24
compared (1)
67:22
comparing (1)
12:3
comparison (3)
12:9;33:22;80:4
comparisons (1)
22:2
compensate (1)
53:16
compensated (1)
43:3
compensation (1)
75:18
competition (2)
48:19,19
complete (1)
7:14
completely (2)
70:3,17
complex (2)
64:15;69:25
complexity (1)
68:12
complicated (3)
53:21;64:8,18
comply (1)
9:6
components (3)
15:17;20:15;28:13
comprehensive (3)
20:7;21:21;75:19
Conceptually (2)
68:8,9
concern (1)
57:24
concerned (2)
27:6;46:25
concluded (1)
84:10
concludes (1)
19:25
conducted (1)
6:20
conducting (1)
4:19
conference (1)
79:17
confidence (1)
47:10
confident (2)
27:24;28:25
confine (1)
5:15
confirm (1)
34:10
confirmation (1)
54:18
confirming (2)
33:8;69:23
conflict (2)
63:19;64:15
conflicts (1)
64:18
connected (1)
39:5
conscious (1)
31:14
conservative (3)
12:14;13:2,6
consider (24)
4:20;26:10;36:24;
37:11,15,18,24;38:23;
39:8,11,14,15,18;
40:8,14,24;41:5,7,9;
49:8;50:13;68:5;
69:19;79:25
considerably (1)
79:22
consideration (4)
41:2,3,12,16
considering (2)
37:12;38:17
considers (1)
59:14
consistent (3)
18:19,23;33:1
consistently (3)
16:3;70:15,22
constituents (1)
22:14
consultants (1)
62:8
consume (2)
16:4;32:25
consumption (1)
15:20
contact (1)
25:18
contemplating (1)
33:25
contents (1)
25:9
context (4)
16:13;30:24;51:23;
66:23
continually (1)
57:1
continue (14)
11:13,19;17:8;
20:12;27:21;40:6;
56:20,24;57:2;75:8;
76:24;77:11,17;84:3
continued (1)
28:9
contractors (1)
53:15
contracts (3)
9:4;28:3;73:25
control (3)
62:5;64:22;67:5
conversation (2)
74:5,7
conversations (2)
53:23;54:5
copy (1)
38:8
correction (1)
29:18
cost (20)
9:22;10:4,9;16:6;
17:22;30:21;51:16;
56:12,18,25;59:3;
66:5,19,22,24,25;
67:1;68:6,7;82:17
cost-of-living (4)
26:19;58:20,21;
59:18
costs (14)
9:1,3;16:9,10;
51:15;52:3;55:17;
58:22,25;59:2,2;69:7;
71:20;82:10
Counsel (1)
49:23
country (1)
70:11
County (1)
47:4
couple (13)
6:23;10:19;11:21;
28:25;73:20;74:17;
78:11,12,25;79:9,15;
82:13;83:15
coupled (1)
71:18
course (1)
80:6
court (2)
5:9,21
cover (2)
8:17;25:5
cows (1)
44:22
Coyote (1)
45:25
crap (1)
45:16
create (1)
77:11
creating (1)
69:2
creativity (1)
59:21
credit (8)
44:2,8;52:23;70:12;
81:22;82:6,23;83:1
credits (1)
43:22
Creek (1)
45:25
cumulative (5)
11:22,25,25;12:16;
48:10
curious (2)
76:11,19
current (2)
17:22;74:24
currently (2)
15:20;32:16
customer (17)
13:21;14:4,11;15:9;
16:9,14,22;17:7;
18:25;34:2;53:23;
61:6;63:10;67:2;
68:11;70:15;82:4
customers (68)
8:1,5,12;9:8;10:6;
13:8,10,15,19;14:9,
14,24;15:2,7,13,19,
25;16:1,8,18,25;
17:22;18:8;19:6;20:8,
16,19;21:2,8,11,12;
22:8,24;23:12,20;
24:17;25:21;30:14;
32:22,25;33:4,6,7,19;
34:7,16;53:3,5;54:15,
20,22;61:10,24;62:5;

63:1,24;64:11,12,22; 65:6;66:13;67:4,12, 22,25;70:2,18;71:17
customers' (1)
52:1
cut (1)
46:1
cutting (1)
55:16
cycle (1)
78:14

D

daily (2)
31:22;73:16
dais (1)
73:14
damn (1)
46:7
data (3)
12:11;67:23;71:13
date (2)
19:5;80:20
dated (2)
4:10,13
day (5)
15:17;22:6;43:4; 44:23;77:8
days (7)
5:2,11;7:5;20:11; 29:9,19;42:23
day's (3)
81:10,13,20
DE (4)
45:22,23;46:5,20
deal (3)
32:13;45:22;62:7
debt (1)
83:2
decision (5)
22:3;25:14;79:9; 80:17,21
decrease (1)
32:5
defensible (1)
71:12
definitely (5)
27:1;33:20;69:24; 81:21,24
degree (1)
71:18
delay (3)
81:1,4,18
delaying (1)
80:16
deleted (1)
50:19
delivery (1)
9:19
demand (4)
9:16;78:2,3,4
Deming (1)
68:22
department (1)
34:19
depend (1)
33:15
depending (2)
13:10;16:13
depends (2)
72:12,14
deploy (1)
21:25
described (1)
18:17
design (6)
63:20;66:5,9,12,24; 70:7
designed (2)
17:6;41:23
designers (1)
63:13
desire (1)
53:17
destroyed (1)
50:24
detail (1)
74:1
details (6)
7:15;8:7,20;14:14; 20:2;21:2
determine (1)
64:6
determined (1)
67:16
developers (1)
53:19
developing (1)
79:12
devices (1)
64:25
dial (1)
35:22
difference (1)
61:18
different (17)
14:12,17;15:1; 18:18;25:5,6,19;31:4; 43:22;51:18;55:16; 58:11;59:13;61:23; 62:12;64:11,14
difficult (4)
27:23;57:7;68:11; 71:1
digital (1)
21:18
direct (1)
41:24
direction (2)
27:5;70:6
Directive (4)
66:4;69:15,25;70:5
directives (2)
54:3;65:21
directly (4)
30:13;31:1;58:5; 60:16
Director (40)
6:7;26:14,15,24; 27:2;29:3,20,21,22; 30:4,10;31:24,25; 32:1,2,15;34:17; 54:21;55:6,7;57:17, 18;59:25;60:9;65:20, 24;73:8,9;75:3;76:2, 23;77:18,22;78:25; 80:16;81:8,25;82:1; 83:11,12
discount (7)
14:10,11,13,18,22; 53:6;76:17
discounted (1)
19:3
discussion (1)
7:12
distance (1)
41:23
distribute (5)
38:4,5;39:4,7;42:3
distribution (6)
18:4,6,7;51:17; 65:5;67:1
document (4)
31:1;40:22;50:25; 61:2
dollars (1)
13:19
done (6)
5:23;48:22;78:1; 81:9;83:10,23
dot (1)
39:12
double (2)
45:1;55:13
double-digit (1)
57:4
down (7)
35:5;45:2;46:2; 79:11;80:17;82:17; 84:4
draft (3)
4:24;5:1;25:11
Dream (1)
44:3
driven (1)
9:3
drivers (4)
8:20,23;9:25;23:16
driving (1)
17:14
drop (1)
81:13
dry (1)
72:20
due (2)
18:24;19:5
during (3)
5:18;77:8;78:17

E

E3 (1)
77:3
EAPR (3)
14:17;15:9;58:7
earlier (5)
10:1;21:5;25:1; 67:20;68:1
easier (2)
5:23;54:1
easily (1)
65:4
easy (2)
63:20;64:6
economy (4)
27:14,17;28:19,24
educated (1)
22:3
effect (1)
48:10
effectiveness (1)
81:3
efficiencies (1)
10:4
efficiency (3)
61:9,12;65:8
efficient (5)
59:8,22;61:18;67:7; 68:3
efficiently (1)
58:8
effort (3)
21:6;59:20;71:25
eggs (2)
56:21,22
eight (1)
17:21
either (4)
4:25;40:6;46:6; 72:19
elected (2)
22:17;46:12
electric (4)
51:12;52:23;53:1,7
electrical (1)
8:5
electricity (7)
16:1,4;31:21;32:7, 25;47:4;72:8
eligible (1)
17:8
else (3)
27:7;47:3;72:10
email (2)
21:18;22:11
emails (4)
20:19;22:7;24:15; 33:21
embark (1)
20:6
emphasize (1)
51:13
employees (2)
21:12;35:2
encouraging (1)
77:14
end (3)
19:1;59:23;80:20
ended (3)
10:10;54:5,10
energy (11)
9:4;14:9,16;15:21; 16:20;44:4,12;58:8; 77:23;78:8,19
engagement (2)
21:19;34:21
engineers (1)
63:12
English (1)
21:16
enough (2)
27:6;71:14
enroll (2)
17:2;34:16
enrolled (1)
53:5
enrolling (1)
22:4
ensure (4)
9:14;10:15;27:25; 28:7
entire (8)
17:20;33:18;53:7; 62:22;64:20;66:24; 71:23,23
equal (3)
61:17,19;68:2
equals (1)
61:13
equipment (8)
14:11;19:11,12; 28:4;58:23;62:13,13; 63:15
equitable (2)
60:25;66:20
erased (1)
50:24
escalation (1)
30:20
especially (3)
24:17;76:14;78:8
estimate (2)
9:23;12:14
estimated (1)
33:14
estimates (1)
33:11
estimating (1)
9:17
EV (6)
44:2,5,7;78:23,23, 24
evaluate (2)
28:13,13

evaluation (2)
64:9;74:9
even (16)
11:4,14,14;12:25;
28:8;31:10;37:12;
39:23;46:12;48:1;
52:13;55:25;58:9;
59:21;70:9,19
evening (2)
6:7;44:17
event (1)
18:5
events (1)
7:9
eventually (1)
8:22
everybody (9)
29:5;30:4;34:24;
48:1;57:4;58:12,20;
59:12;82:21
everybody's (1)
82:10
everyone (1)
63:4
evolving (1)
9:16
exactly (6)
24:8,13;33:16;
60:21;73:19;80:10
example (4)
10:8;30:17;46:3;
82:12
Excellence (1)
69:5
Excellent (1)
29:15
exceptionally (1)
56:17
excess (1)
77:8
Executive (3)
4:8,11;5:13
exhibit (1)
40:23
Exhibits (1)
84:13
exist (1)
38:5
existing (1)
76:25
expect (3)
21:24;61:5;84:3
expected (1)
41:7
expenditures (1)
71:20
expensive (1)
72:18
experienced (1)
56:14
experiencing (1)
58:21
explain (1)
39:11
explaining (1)
23:16
explanation (1)
61:21
explore (1)
64:17
export (1)
74:21
expressed (1)
20:23
extensive (4)
20:8,17;21:6;53:12
extent (2)
69:11;80:12
extrapolation (1)
33:13
extreme (1)
74:1
eye (1)
77:19

F

facility's (2)
32:5,7
fact (2)
21:15;25:21
factor (21)
61:4,7,8,22;62:1,4,
18;63:11,14,23;64:12,
25;65:3;66:21;67:7,
13,17;68:5,7;70:2,3
factories (1)
62:1
factors (2)
59:13;75:21
facts (1)
71:13
fair (6)
42:15;43:23;63:4,5;
64:20;67:16
fairly (1)
56:3
fall (1)
76:15
familiar (1)
10:18
families (1)
71:4
family (2)
34:25;55:24
fan (1)
42:8
far (3)
49:13;54:24;63:22
fart (1)
45:17
Fast (3)
78:2;82:1;83:5
Federal (1)
14:22
feedback (8)
6:21;20:9;21:9;
23:8,19;30:10;54:9;
68:25
feel (2)
28:22,25
feels (1)
75:11
fellow (2)
5:20;70:24
few (8)
8:7,18;19:13;20:12;
42:23;62:17,18;71:3
figure (2)
38:15,15
filed (1)
11:6
fill (2)
72:4;73:4
final (4)
5:6;6:24;25:14;
54:11
finalized (1)
32:20
finally (1)
50:14
financial (5)
26:3;27:12;45:6;
81:6,19
find (1)
56:25
finding (1)
10:4
fine (2)
36:23;72:22
First (17)
6:2;7:23;8:19,25;
11:11;13:25;15:3,10,
16;36:20;38:10;39:2,
2;42:4,23;56:7;60:15
Firstly (1)
42:7
fiscal (3)
17:25;18:11;19:22
FISHMAN (49)
4:6,18;5:7;6:7;26:8,
16;29:17,21;32:1,3;
35:10,19;36:13,21;
38:19;39:16,22,24;
40:4,12,16;41:14,17;
44:18;46:16,22;
48:14,23;49:2,5,16;
50:22;51:4;54:21;
55:3;57:16,22;59:24;
60:9;66:1;69:20;
72:11,24;73:3;81:23;
82:2;83:11,13;84:7
five (3)
45:10;57:14;73:13
fix (1)
67:14
Fixed (12)
14:19,20;15:18,24;
16:5,15;52:1,15,16,
17;78:11,13
fixed-income (1)
24:18
flat (1)
54:3
flexibility (1)
78:16
fluctuate (1)
78:20
focus (4)
10:3;29:13;61:1;
82:4
folks (4)
34:21;58:1,4,6
follow (1)
34:3
Folsom (2)
9:18;19:17
food (2)
56:6,20
force (2)
39:3,3
forces (1)
38:25
forcing (2)
38:9,11
forecast (3)
12:14;26:23;27:23
forecasts (1)
13:4
forgot (1)
65:24
form (2)
72:5;73:4
formal (2)
73:15;74:4
for-profit (3)
10:14;51:12,22
forth (1)
4:20
forward (9)
28:4,10,21;29:14;
32:12;63:16;78:2;
79:5;83:8
forward-thinking (1)
42:10
found (5)
16:2;23:12,13;35:2;
62:16
four (4)
14:17,23;75:16,25
framework (1)
65:2
frankly (1)
63:21
free (3)
44:4,5,6
frivolous (1)
48:2
front (1)
60:3
full (1)
7:1
fully (4)
17:20;21:13;28:23;
32:20
functioning (1)
71:15
Fund (1)
29:19
fundamental (4)
20:14;76:4,9;80:1
funds (2)
28:17;29:8
Further (1)
84:11
future (4)
28:7,12;56:19;
76:21

G

gain (1)
30:15
gas (3)
56:6;59:4;72:19
gathering (1)
54:13
gave (1)
72:24
geek (1)
42:8
General (24)
4:8,11,21;5:14,18;
6:8,15,21;11:7;14:5;
15:11;23:7,19;25:3,6;
30:10,22,24;49:23;
51:10;61:6,6;66:7;
81:16
generally (1)
79:4
generating (1)
76:7
generation (2)
9:10;76:14
generators (3)
18:5;43:25;77:13
gets (3)
21:24;77:10;80:4
given (6)
35:14;38:16;39:17;
43:21;53:16;69:16
giving (3)
36:14;40:21;47:23
glad (1)
35:1
glut (2)
76:13,19
GM (4)
4:14;7:2;20:2;
25:20
goal (2)
20:8;34:12
god (1)
45:25
goes (9)

42:20;43:11,18; 45:15;63:19;70:5; 71:24,24;74:8
good (8) 6:7;24:12;29:6; 44:16,25;49:15; 55:14;82:6
goose (1) 45:16
grandfather (1) 74:22
granted (2) 50:7;55:25
graph (3) 10:18;11:20;13:9
great (5) 29:10,11;30:5; 32:14;55:12
grid (7) 9:14;51:18;62:2; 63:16;76:8;77:23; 78:1
group (4) 10:22;15:2;16:18; 33:4
groups (2) 20:22;25:6
growing (1) 9:16
guarantee (3) 28:23;47:12,20
guess (5) 27:4;34:24;48:22; 71:7;83:14
guys (1) 57:21

H

half (2) 43:10,21
hand (6) 35:25;42:2;57:19; 81:11,13,20
happen (2) 34:6;38:1
happened (2) 19:18;23:24
happening (1) 25:8
happy (6) 24:11;26:2;73:21; 74:6,11,23
harangue (1) 40:5
hard (11) 34:19;55:9,19;56:1, 4,10,17;57:5,10,11; 83:25
harder (3) 56:16,16;57:1
hear (10) 25:3;36:5,7;37:3, 25;41:16;46:8;49:22; 54:10;57:21
heard (4) 23:7;29:24;49:9; 51:9
hearing (14) 4:7,20,23;5:8;6:1, 10,14;7:11,14;40:25; 50:3;74:4,13;84:9
heartburn (1) 55:13
heavily (1) 64:1
hedge (1) 28:14
hedging (1) 28:10
held (2) 4:2;84:11
help (5) 34:1,10;58:6,7;62:9
helped (1) 31:18
Herber (6) 32:1,2,15;34:17; 83:11,12
Hernandez (10) 6:3,12;32:14;51:8; 60:8;65:19,23;66:3; 75:2;76:22
high (8) 42:16,20;56:8;61:8; 64:12;70:15;71:17; 82:24
higher (9) 8:25;9:6;11:1,14; 12:19;15:5;52:8,9,13
highest (1) 52:21
high-level (3) 20:3;23:7;32:23
highlighted (2) 10:23;21:5
hire (1) 62:8
historic (1) 9:10
history (2) 42:9;55:14
hit (1) 56:4
hitting (1) 80:10
hold (2) 4:7;83:4
home (2) 16:14;56:2
homes (3) 48:2;54:17;58:9
homework (1) 83:10
hope (7) 35:3;42:20;54:18, 25;61:20;68:21;83:4
horizon (1) 76:1
hospitals (1) 67:24
host (1) 6:9
hosted (3) 7:7,9;20:20
hour (6) 16:19;42:15;43:4,8; 44:3;46:5
hours (4) 13:21,23;17:1; 42:21
household (1) 80:8
households (1) 32:9
hovering (1) 56:12
How's (1) 41:13
huge (4) 48:17,17;56:13; 83:1
hurt (1) 58:2
hybrid-combination (1) 20:20
Hydro (2) 29:19;72:20
hydroelectric (1) 72:13

I

ideas (1) 83:21
illustrate (1) 66:16
illustrates (1) 13:9
illustrating (2) 11:20;13:22
illustration (1) 10:9
impact (12) 14:3,12;15:3,8; 17:25;18:11;24:19; 32:10;62:2;64:11; 81:5,19
impacted (2) 31:20;35:7
impacting (1) 9:23
impacts (3) 10:6;19:22;23:17
implement (1) 81:3
implementation (3) 32:21;34:13;80:22
implemented (2) 75:13;83:19
implementing (1) 78:16
implore (1) 56:24
Important (5) 14:8;29:4;59:11,15; 63:9
importantly (1) 64:21
impossible (1) 23:8
impractical (1) 68:10
impressions (1) 30:5
improve (2) 63:15;65:8
improvement (1) 69:3
improvements (3) 58:9;59:6;67:18
incentives (2) 78:17,23
incentivize (2) 44:13;53:1
include (4) 9:11,24;22:8;33:22
included (5) 12:4;21:10;66:6,8, 15
includes (3) 16:6;51:16;68:13
including (3) 7:9;12:6;81:20
inclusions (1) 39:7
inconsistent (1) 18:17
incorporated (1) 6:23
increase (24) 7:24;8:1,21;9:2,25; 10:12;11:17;12:7,24; 13:11,25;14:1;15:6, 11;16:19;23:16; 26:21;44:21;46:25; 48:10,17;55:20; 56:10;57:10
increased (1) 56:2
increases (25) 10:2,5;11:5,9,25; 12:4,5;30:22;35:4,4; 47:5,14;55:11,13,18; 56:14;57:2,4,13; 58:20,21;59:19; 70:22;71:21;74:14
Indecipherable (2) 68:2;73:14
index (1) 75:20
indicate (1) 70:1
indicated (1) 35:20
indicates (1) 15:5
individual (5) 63:10,11,17;64:21; 67:25
individually (3) 8:18;13:13;68:4
inducement (1) 76:17
industry (1) 77:4
inflation (18) 9:22;11:20,22,24, 25;12:10,11,14,16,18, 25;13:3,7;27:21;28:8; 31:18,20;70:24
inform (2) 20:8;21:8
information (17) 10:20,21;12:18; 14:16;20:18,24;22:1, 12,16,22;23:3;25:19; 32:22;33:1,10;54:14, 14
Infrastructure (15) 14:19;15:18,24; 16:5,7,7,11;28:4; 42:16,18,19;45:3; 52:16,17;67:2
initial (2) 16:25;21:14
initially (1) 12:25
input (1) 6:22
insight (2) 76:9;80:12
install (4) 19:11;54:19;63:3, 15
installing (1) 33:4
instant (1) 24:16
instead (4) 48:9;61:16;78:9,14
insurance (1) 82:12
insurances (1) 82:20
intended (1) 52:2
intention (1) 66:16
interest (3) 20:23;45:13;82:22
interested (5) 17:9,23;18:6;22:4; 34:8
interesting (4)

31:5;42:25;44:1;
80:11
internal (3)
10:4;21:12;50:20
internally (2)
21:11;32:17
into (8)
7:15;19:2;28:12;
41:20;45:2;63:13;
71:24;77:10
introduce (1)
4:24
introducing (2)
7:13;25:11
introduction (1)
17:11
investing (2)
9:9,13
investment (2)
63:3;67:10
investments (3)
59:21;80:2;82:18
issues (1)
83:16
Item (9)
4:4,6;8:3;38:17,18;
64:4;65:15;66:19;
84:10
items (8)
5:18;8:17;17:14;
20:1;36:17;51:20;
55:12;73:6

J

January (15)
6:20;7:24,25;8:21;
12:11,19;14:2;15:3;
34:14;47:6,6,7;80:24;
81:4,5
Jen (1)
26:5
job (4)
24:12;29:6,10,11
John (3)
42:4,5,5
J-O-H-N (1)
42:6
join (1)
35:20
joined (1)
55:10
joke (1)
56:21
jumped (1)
82:13
June (4)
5:4;20:13;25:15;
49:10

K

keep (29)
11:19;24:22;28:15;
29:5;31:17;35:3;
44:23;55:19;56:12;
57:9,11;58:13,18;
59:5,5,8,18;71:15,20;
74:12,16;77:19;82:1,
5,14,19,20;83:25;84:4
keeping (7)
24:12;56:16;58:14,
19;59:11,15;70:23
keeps (1)
23:21
kept (2)
21:21;53:2
key (3)
22:21;28:4,5
kick (1)
79:10
kicking (1)
80:17
kilowatt (8)
13:23;16:19;42:15,
21;43:4,7;44:3;46:5
kind (14)
23:4;25:8;28:18;
35:18;45:4;54:16;
62:11;63:19;64:14;
69:9;72:13;76:12,17;
78:14
kinds (1)
62:8
kitchen-table (1)
53:23
knowing (1)
31:19
known (1)
12:12
knows (6)
15:16;24:23;25:14;
45:25;62:23;69:5
kVA (4)
61:16,16,17,19
kW (5)
61:11,13,16,17,19
Kwong (1)
26:4

L

labor (1)
58:22
laid (1)
26:18
language (8)
17:16;18:14,21,22;
19:15,19,24;60:20
large (8)
13:17;14:6;53:12;
61:25;62:1,2,4;67:23
larger (1)
16:16
last (15)
17:18;25:25;42:17;
44:3;56:11;64:24;
70:8,22;73:17,17,19;
75:6;77:2;79:14;
82:13
lastly (8)
8:15;9:21;19:15;
23:1;54:12;63:25;
68:13;69:2
lately (1)
60:12
later (2)
7:14;78:12
latest (1)
26:23
Lau (2)
44:24;46:12
Laura (1)
49:24
leaders (2)
22:9,12
learned (1)
29:24
learning (1)
50:20
least (8)
5:2,11;28:11;30:25;
44:7;52:2;58:2;80:13
leaves (1)
62:25
left (2)
10:24;13:15
legal (2)
4:15;49:24
less (11)
14:20;17:1;32:7;
52:21;61:18;66:19;
68:6;72:18;79:22;
80:8;81:7
letters (2)
21:18;33:21
Level (7)
14:23;18:6;24:18;
27:22;61:8;68:2;77:7
levels (1)
14:18
LEWIS (9)
4:17;35:19;36:6;
37:5;46:21;49:24,24;
51:1;65:17
life (1)
56:15
lift (1)
56:13
lightly (1)
71:6
lights (10)
9:7;45:2;56:6,6;
58:13,14,18;59:5,11,
15
likely (2)
50:12;81:21
line (2)
9:14;31:4
lines (3)
8:11;17:24;67:1
links (2)
25:22;50:23
list (1)
17:20
listed (2)
22:10;23:18
LISTSERVs (1)
22:10
literally (2)
24:10;69:6
little (8)
10:6;32:4,6;55:23;
73:16;76:8;80:17;
82:25
lives (1)
31:22
living (1)
56:12
load (3)
61:25;63:10;67:21
Loading (1)
65:9
loads (3)
61:25;62:2;63:11
local (7)
10:20;16:7,8;18:3,
5;53:15;67:1
locally (1)
52:10
logical (1)
68:10
long (3)
55:14;59:8;71:21
long-term (1)
42:8
look (18)
10:18;27:17;28:4,
10,14;45:5;48:9;
56:20;57:3;60:10,18;
66:24;69:22;75:18,
20;79:20;83:15;84:4
looked (2)
42:12;60:4
looking (3)
42:24;47:17;79:5
looks (2)
26:19;36:1
Los (1)
79:23
lost (1)
80:5
lot (26)
13:12;20:1;21:1;
27:19,19,20;29:12,13;
34:25;58:11;59:1,13,
20,20,21;64:10;
72:13;73:12,12,23;
74:15;77:7;78:4,23;
82:4,7
loud (1)
27:16
love (2)
23:23;82:9
loved (1)
34:21
low (20)
8:4,5;15:15;16:1,4;
24:12;29:6,14;31:15;
32:25;43:5;44:2;
55:19;57:2,9;63:14;
76:12;82:19,20;83:25
lower (9)
10:25;11:1;15:8,24;
23:20;31:8;52:5;
82:23;84:2
lowest (3)
10:16,23;70:14

M

magnitude (1)
57:8
mail (1)
42:22
maintain (1)
19:12
maintenance (3)
51:17,19;62:7
majority (4)
19:25;30:12;62:4,
20
makes (3)
43:11;65:7;68:18
making (12)
8:23;11:16;19:7,17;
51:23;58:9,10;59:6;
60:14;67:6;74:19,22
manage (1)
34:11
management (2)
30:8;50:18
Manager (15)
6:3,6,12;26:22,25;
30:2,9;32:14;51:8;
60:8;65:19,23;66:3;
75:2;76:22
managers (1)
29:11
Manager's (6)
4:8,11,21;5:14;
66:8;81:16
managing (1)
63:11
manufacturing (1)
67:23
many (10)
19:18,18;20:18;
31:21;32:9;48:12,12;
56:1;58:5;83:18
March (5)
4:10,13;6:25;7:3;
75:14
mark (1)
80:11

market (3)
72:17,18;78:19
marketing (1)
34:15
markets (2)
78:8,21
marking (1)
43:18
Martin (8)
26:3;27:11,11;78:6,6;80:14,14;81:18
mass (1)
33:18
massive (1)
63:3
Mastrototaro (12)
46:23,24;48:16,21,25;49:3,12;72:4,8,12,22;73:1
match (1)
78:18
material (3)
25:19;68:17;69:22
materials (1)
42:1
math (1)
64:6
matter (1)
49:7
matters (1)
5:17
maximize (1)
72:21
may (32)
6:15,19;7:6,8;8:11;10:18;11:6;17:8;27:18;28:24;31:19;32:22;33:3;34:6,7,7,8;35:20;39:22,24;40:4,5;47:7;49:8;53:12;55:9;62:2;63:5;64:12;66:13;77:2,9
maybe (1)
76:20
mean (3)
27:7;43:6;56:21
means (2)
20:19;43:17
measure (2)
61:9;64:11
measurement (1)
61:12
media (2)
21:18;31:10
medical (1)
14:11
medium (2)
14:6;64:13
meet (4)
9:4;22:13,17;73:12
Meeting (11)
4:1;5:12,19,24;7:1,1,3;9:15;23:21;25:15;73:22
meetings (10)
20:12,21;22:19;23:15,25;24:8;25:5;30:18;73:13,13
meets (1)
65:1
Melissa (1)
26:4
members (14)
5:10,20;6:8,15;24:9;26:9;37:12;47:1;48:7;49:19;53:14;55:4;57:25;70:25
memorializing (1)
78:10
mention (1)
79:15
mentioned (15)
6:11;7:19;10:1;16:23;17:11;21:5,14;24:25;51:11;53:21;58:15;61:3;67:20;68:1,21
mentioning (1)
81:21
message (1)
27:16
messages (1)
24:16
meter (5)
33:8;45:21;63:1,6;64:6
metering (6)
16:8;61:4,23;62:13,13;75:7
meters (12)
33:4;54:19;62:15,19,20,22,24;63:4,7,14;64:19;79:25
metrics (1)
81:20
microphone (3)
41:21,22;72:7
microwaves (1)
64:24
midday (1)
76:12
middle (4)
11:6;13:5,18;60:23
mid-January (1)
7:20
mid-March (1)
75:5
mid-peak (1)
43:13
might (3)
28:16;36:1;49:20
milk (1)
44:23
million (11)
9:2,10,13,18,23;10:11;29:7;30:5;35:2;45:14;82:13
mind (3)
38:2;74:12,16
minimum (1)
81:13
minute (1)
49:1
minutes (11)
5:13;35:14;36:14,15,18;39:17;40:8;41:19;50:5,6;73:20
miscellaneous (2)
8:15;18:14
missing (1)
55:1
mitigation (1)
51:20
modest (1)
10:5
Modesto (1)
52:11
modifications (1)
30:1
moment (8)
7:4;16:15;33:12,15;63:23;64:2;69:15;80:13
money (19)
29:7,8,11,18;45:15,16,19;46:9,10,11;47:12;48:18;49:14;51:23;58:2;59:1,10;74:15;83:21
monitor (1)
77:17
monitoring (2)
31:3;77:1
monopoly (1)
47:3
month (12)
11:6;13:20,23,24;16:18;17:1;52:9;53:5;73:14,17,18;77:3
monthly (1)
15:19
months (4)
6:23;56:23;75:6;79:18
month's (1)
42:17
more (42)
7:15;8:6;12:25;14:14;19:23;21:2;22:11;24:17;43:23;45:5;46:9,10;51:6;58:8;59:8,22;60:22;61:1;64:4,21;65:9,11,12;66:16;68:3,15,17,23;69:24;72:3,15;76:17;77:9,10,11;78:18,19,20;80:9;81:6;84:6,7
most (12)
10:25;12:13;47:24;48:1;54:16;58:3,6;59:15;63:9;70:1,8;73:15
mountains (1)
72:15
move (3)
6:16;35:10;41:22
moved (1)
42:18
much (19)
10:6;29:3,16;33:23;44:2,16,22;46:13;48:3;57:21;59:18;66:2;69:24;70:6;72:9;74:3;82:23;83:1,10
multichannels (1)
33:16
multiple (1)
18:25
multi-prong (1)
21:7
Municipal (2)
79:17,21
must (1)
41:9

N

name (2)
6:11;41:21
narrative (1)
60:22
natural (2)
59:4;72:19
nature (3)
31:13;67:3;77:5
necessarily (2)
17:14;34:23
need (16)
37:24;44:12;46:5,10,14;48:7;58:6,24;59:7;61:13,14;72:4;76:6;80:25,25;82:8
needed (1)
77:21
needs (3)
9:16;28:20;78:11
negative (1)
34:23
neighbor (2)
43:11,19
neighborhood (2)
22:21;32:24
neighbors (1)
57:5
neither (1)
74:20
net (2)
75:7;78:4
neutral (2)
16:21;17:6
new (13)
9:10;12:18;25:24;26:19;32:13;33:4;48:7;62:15,19,20;66:9,12;83:21
News (1)
21:13
next (13)
6:17,23;7:16;8:7,18;14:14;23:6;25:8;27:22;28:25;46:23;47:21;71:3
night (3)
20:13;44:5,6
nobody (1)
30:5
non-benefitters (1)
66:11
none (4)
10:14;51:12;57:12;69:13
nonprofit (1)
22:24
non-rainy (1)
29:18
nonresidential (2)
8:2;15:12
noon (1)
78:2
Normally (4)
50:5;61:10;62:6,13
north (2)
48:14;52:8
note (2)
37:22;41:4
noticed (4)
21:13;50:4;79:16,19
notices (1)
21:15
nuanced (1)
71:14
Number (10)
4:6;13:3;21:25;26:20;28:3,11;32:22,24;46:5;54:22
numbers (4)
13:12;21:3;25:23;33:5

O

observing (1)
63:14
obviously (3)
28:23;55:23;84:1
occur (1)
80:24
October (1)
80:7
off (2)
6:19;28:8
offer (8)
14:9,10;15:17;

20:17;31:15;54:19; 67:12;78:17
offered (2)
22:13,16
Officer (7)
4:8,11,15;5:13; 26:4;27:12;49:25
officials (1)
22:17
off-peak (2)
43:6,7
often (2)
30:14;31:9
old (1)
47:25
older (1)
48:2
once (9)
17:5;25:4;41:9; 54:18;66:21;67:5,20; 68:1;75:10
one (58)
5:22;6:2;10:23; 13:4,13;15:18;18:15; 19:1;21:15;24:9; 25:12,13;26:18; 27:16;29:17,20,22; 30:17;38:7,8;44:23, 25;45:1;47:3,21;49:8, 22;52:25;53:9;55:12; 58:14;59:15;61:3; 63:17;64:4;65:3; 66:10;69:4;70:4,10; 71:7;72:6,24;74:17; 75:15;76:3,8,9;77:5; 78:7;79:2,14,16,18; 80:15,19;82:3;84:6
ones (5)
30:25,25;51:2; 52:20;62:20
only (5)
43:14,17;53:6,22; 73:15
oOo- (4)
4:3,5;84:12,14
Open (8)
4:12;5:25;8:9; 17:17;25:13;72:18; 74:3;83:20
operate (1)
76:8
operation (1)
78:1
operational (5)
10:13;29:7;69:5; 73:18;80:1
operations (2)
9:19;73:16
opinion (1)
42:17
opportunity (11)
5:17;8:13,16;17:13, 17;32:6;38:16,20; 49:19;74:25;76:16
opposed (1)
72:19
opted (1)
50:1
optional (5)
8:4;15:15;17:5; 21:23;22:4
options (1)
20:18
orange (1)
10:24
order (3)
27:25;54:1;65:9
ordering (1)
28:6
ordinance (1)
5:9
organizations (3)
22:9,20,25
others (1)
66:13
otherwise (2)
17:15;40:14
ours (1)
82:11
out (22)
13:4;17:7;21:25; 22:17;26:18;28:11; 32:12;38:15,16; 44:10,23;45:18,24; 47:17;48:23;58:12; 72:4,17;73:4;75:5; 76:10;83:17
outdated (2)
17:16;19:15
outreach (14)
7:6,18;20:7,10,17; 21:3,6,7;23:5,15; 29:23,25;30:7;34:20
outside (3)
37:24;39:9;76:18
over (20)
5:4,22;10:11;12:1; 22:6,7;23:1;28:25; 40:2,3;51:2;52:5; 55:21;60:11;64:22; 70:22;71:3,10;82:13; 84:2
overall (4)
15:7;23:19;60:13; 71:20
overproduce (1)
43:10
overview (10)
4:16;6:13,18,24; 7:11,16,17,20;25:6; 69:12
overwhelming (1)
24:6
own (3)
19:12;37:19;67:11
owners (1)
44:5
owns (1)
45:23

P

packets (1)
22:16
panel (4)
16:3,24;33:9;34:9
panels (5)
8:6;33:2;43:2,2; 54:15
pardon (1)
39:6
parentheses (2)
65:8;66:20
part (17)
9:25;15:10,14;17:4; 18:2;40:11;51:25; 60:16,19;63:18;65:9; 67:19;68:6;69:6,19; 70:1;79:8
participating (1)
53:20
particular (2)
19:24;58:1
particularly (1)
76:7
parties (1)
8:10
partly (1)
82:6
partners (1)
23:2
parts (1)
22:2
past (3)
18:24;19:5;22:6
path (1)
60:25
Paul (2)
44:24;46:12
pay (11)
13:8;15:19,21;32:7; 33:23,24;51:15;57:5; 59:5;67:15;83:1
paying (1)
74:21
pays (2)
13:23;46:4
peak (3)
43:16;78:2,3
people (25)
27:9;31:4;32:6,9, 11;34:22;35:6;43:1,8, 14,20,23;44:13;45:5, 20,23;46:2;47:24; 48:12;55:9,18;56:13; 58:7;71:1;77:23
per (9)
13:19,24;16:17,19; 27:3;43:3;46:5;52:9; 53:4
percent (54)
7:23,25;10:11;11:1, 11,12,14;12:8,15,22; 13:25;14:5,24,25; 15:3,6,12;24:22; 26:20;27:3,22;28:24; 29:2;31:8;34:25;35:4, 4,6;42:11,14,20; 43:11,15,17,19,24; 44:9;47:9;48:11,11; 55:21;56:1,3,4,11,16, 17;57:14;61:19;71:2; 72:16;80:8,9;84:2
percentage (1)
72:10
perhaps (6)
11:14;24:3;31:18; 33:21;68:24;70:9
period (6)
12:1,4;25:11;75:16; 80:25;81:1
person (1)
21:20
PG&E (9)
11:1,5,8;24:10,23; 31:8;55:24;56:2,7
PG&E's (1)
80:8
phone (3)
25:22;34:5;35:23
phonetic (1)
44:4
pick (1)
41:23
piece (1)
76:8
pigs (1)
45:6
place (1)
69:10
plan (1)
32:21
planned (1)
7:6
Planning (2)
26:5;68:18
play (1)
35:17
please (8)
5:22;35:24;41:11, 20,22,24;72:7;74:15
plus (1)
37:10
pm (6)
4:1,4;25:16;44:6; 78:3;84:10
podium (2)
41:20;49:18
point (9)
5:5,25;29:1;63:16; 66:20;73:23;75:23; 77:12;83:6
pointed (1)
83:17
points (1)
68:14
pole (1)
45:1
policies (8)
65:21;66:5;68:16; 69:14;74:19,24;75:7, 25
policy (11)
10:15;50:18,25; 65:10;70:1;74:8,10; 75:10,16,17;76:4
policymaking (1)
74:10
population (2)
9:16;64:20
portion (5)
5:19;16:11,16;18:3; 60:17
positive (1)
75:12
possible (3)
70:6;71:18,21
possibly (1)
82:20
posted (2)
5:2;50:10
potential (4)
8:20;60:13;63:7; 66:17
potentially (3)
19:2;78:12;80:16
Poverty (1)
14:22
power (46)
8:11;10:17;17:23; 18:6;30:18;43:10,18; 44:4,5,6,9;46:1,18; 51:16;56:2;61:4,7,8, 13,14,15,22;62:1,4, 18;63:11,14,23;64:12, 25;65:3;66:21;67:7, 13,17;68:5,7;70:2,3; 72:18;73:19;76:5,18; 77:8,14,16
practical (5)
63:12;67:8,24; 69:16;83:17
practice (3)
19:3,6;68:24
practices (1)
69:7
precise (1)
54:14
preemptive (1)
82:19
preferred (1)
54:3
preliminary (1)
32:21
prepare (2)

24:20;34:14
prepared (2)
29:1;80:23
present (13)
6:13;10:2;20:18;35:15;36:2;37:1;39:17;40:4,10,11,15;50:2,6
presentation (21)
6:5;10:3;17:12;20:21;25:9;26:1,10;35:11,18;36:14;37:18,18;40:5,7;51:11;60:18;66:7,15;68:14;77:3,6
presentations (2)
6:2;22:22
presented (2)
6:24;22:20
presenter (13)
6:3;36:8,19,23;37:6;38:21;39:20,23;40:1,9,13,18;41:15
presenting (2)
40:19;60:2
PRESIDENT (50)
4:6,17;5:7;6:7;26:8,16;29:17,21;32:1,3;35:10,19;36:13,21;38:19;39:16,22,24;40:4,12,16;41:14,17;44:18;46:16,22;48:14,23;49:2,5,16;50:22;51:4;55:3;57:16,20,22,23;59:24;60:9;66:1;69:20;72:11,24;73:3;81:23;82:2;83:11,12;84:7
pretty (5)
43:5;48:3;75:12;79:20;81:12
prevention (1)
9:22
preventive (1)
82:16
price (6)
46:19;54:3;56:21,22;75:21;78:10
prices (2)
18:10;78:9
Pricing (2)
26:4;78:24
primarily (1)
9:3
principle (2)
65:11,12
prior (1)
7:19
Prize (1)
68:22
proactive (1)
20:17
probably (4)
23:8;47:20;48:5;62:23
problems (1)
82:17
proceed (1)
39:13
proceeding (1)
74:5
proceedings (2)
4:2;84:11
process (21)
4:16;6:18;7:4,18,20;17:8;19:2,21;20:6,11;21:22;24:5;33:3;34:4,11;49:7;53:13,18,20;69:3;75:19
processes (2)
52:25;69:10
procurement (1)
29:10
procuring (1)
28:7
produce (3)
12:7;72:9,15
produces (1)
81:6
profit (2)
43:12;51:21
Program (4)
14:10,17;28:10;58:7
programs (6)
24:3;30:16;51:18;58:5,7;78:16
progress (1)
21:22
projects (2)
9:12,14
pronouncing (1)
68:22
proper (1)
63:15
proposal (37)
6:13,16;7:22;8:3,24;11:8;17:13;18:12;20:1;21:9,13;22:13;23:13;25:10;30:1;35:14,15;40:7;49:20,21;50:2,7,10,13;60:2,3,7,17;65:16;68:16,20;69:8;76:23;81:12;83:8,16,22
proposals (3)
4:20;49:9;71:12
proposed (6)
11:4,17;12:5,23;13:11;21:23
proposes (1)
71:9
proposing (2)
55:14;70:16
protected (1)
28:24
provable (1)
71:13
provide (21)
4:15;7:11,16;8:6;10:8;12:10;14:14,18;21:2;22:1;23:9;24:22;35:13,24;42:2;50:5;51:18;60:12;61:14;69:12;76:16
provided (8)
7:20;8:20;20:3;23:2;25:4,18;61:2;69:23
provides (1)
71:16
providing (5)
10:17;37:9;66:24;71:14,15
provision (1)
75:15
pubic (1)
65:18
public (60)
4:7,16,20,23;5:2,8,10,18;6:1,1,9,10,14,15;7:5,7,8,10,17;10:2,3;21:14;23:4;25:10;35:24;36:10,10,12;37:14,25;38:12;39:9;40:8,11,14;41:18;42:5;44:20;46:14,24;47:2,15,17;48:16,21,25;49:3,12;50:6;55:1;57:25;58:16;59:12,14;60:20;70:10;73:6,11;79:21;84:9
published (1)
21:14
PUC (1)
38:13
pull (1)
73:20
purchase (1)
46:19
pursuant (1)
39:11
pursue (1)
68:24
push (1)
57:2
put (7)
29:18;35:18;37:21;44:13;47:12;49:8,14
putting (1)
29:8

Q

qualify (1)
16:22
Quality (1)
68:22
quick (5)
26:18;29:20;72:6,6;81:8
quickly (1)
78:20
quite (1)
63:21

R

rainfall (1)
72:14
rainy (1)
29:9
raise (5)
35:25;42:14,20;45:8;46:11
raised (2)
52:6;57:19
raising (3)
44:23;57:25;82:8
ran (2)
80:6;81:11
Rancho (2)
45:24;46:19
range (8)
9:9;11:10,12;17:1;24:19;31:8;33:6;52:12
rapidly (1)
78:8
rate (140)
4:16,24;5:6,9,14,16;6:13,18,20;7:1,4,13,14,22,24,25;8:4,5,14,17,21,24;9:25;10:2,5,12;11:4,7,9,15,17,19,25;12:3,5,7,24,24;13:10,11,11,25;14:1,10,17;15:6,11,16;16:23;17:3,5,7,10,12,19;18:9;19:13,21;20:1,6,24;21:9,24;22:4,12;23:2;25:10,12;29:19;30:22;31:17;32:13,18,23;33:23,24;34:12;35:13;40:7;42:13;43:7,10,15,17,21;44:7,15,21;45:21;46:25;47:5,24;49:9,20;50:2,7;52:17,25;53:2,6,11,17;54:6,19;55:18,20;56:10,14;57:10,12,12;60:17;65:10,16;66:5,9,10,12,18,20,23;68:16,19;69:8;70:7,22,24;71:12,21,24;74:14,21;75:10;76:12,23;78:14;80:17,21,23;81:12
rate-making (1)
79:4
ratepayers (3)
44:22;48:12;82:17
Rates (44)
4:9;7:20;10:15;11:17,19;13:8;23:20;24:1,11,22;25:12;29:5,14;31:7,15;34:19;42:12,14;43:22;44:24;45:8;56:3,23;57:9,25;58:11,19;60:25;63:20;65:14;70:14,17;71:23;76:13;79:20;80:4,8;82:8,10,19,22,22;83:25;84:4
rates-related (1)
69:16
rather (1)
68:3
rating (1)
82:24
ratings (3)
81:22;82:6;83:1
ratio (1)
61:20
reach (3)
17:7;21:25;58:12
reached (1)
22:17
reaching (1)
12:22
read (2)
37:24;68:25
reader (1)
45:21
real (5)
23:17;48:8;71:13;80:11;81:8
really (23)
23:23,23;24:1;26:17;27:12;29:6,13;35:5;44:12;48:7;49:22;63:10;68:14;71:23;78:19,22;79:6,19,25;80:4;81:1;83:22,25
realtime (1)
78:19
reason (6)
16:17;44:11;62:12;64:16;65:5;70:18
reasonable (6)
10:5;28:8,15;29:2;43:9;71:12
reasons (1)
80:19
rebates (1)
78:23
recall (1)
30:17
receive (9)
14:13,21;15:9;23:19;35:12;53:3,4,6,

7
received (6)
5:4;6:22;12:18;
22:21;50:9;60:11
receiving (1)
20:23
recently (2)
12:17;28:17
recognize (2)
24:18,21
recognized (1)
70:13
recommend (4)
10:2;64:16;65:15;
69:14
recommendation (41)
4:25;6:24,25;7:12;
8:7,22;15:11,14,23;
16:20;17:5;18:1,11;
20:24;30:13;31:2;
36:25;38:13,14,24;
39:6,9,14,17;40:19,
20;53:13,15;54:11;
60:13,16,21;65:7,13;
67:19;68:4;69:19;
75:4,22;76:24;77:19
Recommendations (11)
4:9,12,22;7:17;
11:15;19:23;36:9;
37:3,23;38:4;75:6
recommended (2)
7:21;70:10
recommending (7)
7:23;9:24;11:9,18;
15:24;16:17;69:18
record (2)
41:22;62:18
recorded (1)
22:23
records (2)
50:17,23
rectangle (1)
10:24
Redding (1)
52:9
reduce (2)
66:22;71:19
reelection (1)
80:7
reference (4)
11:16;19:17;30:18;
68:18
referenced (1)
50:15
refinancing (1)
10:10
reflect (2)
16:11;71:13
reflected (2)
18:10;81:21
reflects (2)
17:21;67:16
refrigerators (1)
64:23
regardless (2)
15:20;43:4
region (1)
9:20
regional (1)
9:4
regular (1)
69:7
regularly (1)
69:6
regulatory (3)
9:5;51:20;65:2
reject (2)
38:21,22
related (10)
18:15;30:13;54:22;
60:16,17;65:9,15;
68:16,17;69:8
relatively (1)
70:23
release (1)
21:13
released (1)
7:3
relevant (1)
17:15
reliability (1)
82:5
reliable (5)
9:15,20;10:17;59:6,
9
remain (2)
10:16;11:13
remainder (1)
63:3
remains (1)
17:16
remember (12)
6:19;8:19;20:5;
28:16;36:12;41:24;
51:10;53:12;54:7;
55:10;77:2,9
remind (6)
16:6;29:5;58:4;
75:9,24;82:21
reminding (1)
65:25
removed (2)
38:7;54:4
removing (1)
19:15
renewable (5)
9:4,11;42:11;44:9;
76:14
renewables (1)
59:2
Reno (1)
47:12
repeat (1)
24:8
replace (1)
62:22
replacing (2)
33:8;62:19
Report (14)
4:8,11,21;5:16;7:2,
2;20:2,3;25:20;36:9,
11;66:8;73:18;81:17
reported (1)
10:21
reporter (3)
5:9,21;84:13
Reports (2)
4:14;5:14
represent (5)
14:1,2;16:16;47:2;
48:8
representation (1)
49:15
representatives (1)
34:3
representing (1)
47:14
represents (1)
25:1
request (4)
5:11;24:5;35:12;
50:5
requested (1)
37:20
require (6)
11:8;41:5;63:2,25;
64:3,10
required (1)
37:1
requirements (2)
9:5;74:23
requires (2)
62:12;64:19
research (2)
16:2,25
reserve (1)
29:8
residential (18)
8:2,4;13:16,20;
14:4,9;15:12;21:23;
33:6;54:23;62:10,22,
24;63:17,23;64:20;
67:21;68:10
resilient (1)
9:15
resolution (3)
4:24;5:1,6
resolutions (2)
7:13;25:12
resonated (1)
79:19
resource (2)
9:6;68:17
resources (4)
30:19,19;72:13,20
respond (1)
80:15
responses (1)
73:10
responsible (2)
58:16,17
rest (2)
6:8;14:4
Restivo (1)
26:5
retention (1)
50:25
return (2)
5:3;44:15
Revenue (11)
6:3,12;16:21;17:6,
14;26:5;28:1,20;
51:14;71:14;81:5
revenue-related (1)
65:14
review (4)
25:10;50:11;60:19;
69:12
revised (1)
60:12
revisited (1)
78:12
rewind (1)
55:18
rid (1)
45:20
right (27)
18:13;26:1,13;27:1,
8;30:21;34:4;36:18,
20;38:10,23;39:2;
45:11;47:2;48:22;
56:22;57:2,15;64:2;
68:22;73:8,12;75:13;
77:7;78:3;80:7;81:18
risk (4)
27:20;28:13;37:19;
81:6
road (3)
79:11;80:17;82:18
Roger (2)
44:19,20
roll (1)
79:8
rollout (1)
32:18
roofs (1)
44:14
room (1)
35:16
ROSE (17)
29:20,21,22;30:4,
10;31:24,25;73:8,9;
75:3;76:2,23;77:18,
22;78:25;80:16;81:8
Roseville (1)
52:10
roughly (2)
71:3;72:15
round (2)
76:20,21
roundtable (1)
22:22
roundtables (2)
7:9;22:23
rubber-stamping (3)
47:17;48:9;71:8
Rule (4)
18:22;19:9,16;
38:25
run (2)
51:16;59:8
running (2)
44:10;72:20

S

Sacramento (3)
47:4;48:13;56:15
safe (2)
10:17;82:15
safety (1)
82:4
same (8)
15:7;24:8,21;27:9;
33:17;46:1;74:8;
79:21
sample (1)
42:22
Sanborn (9)
26:14,15,24;27:2;
29:3;65:20,24;81:25;
82:1
sat (1)
56:1
save (5)
17:2;35:2;45:19;
69:7;83:21
saves (1)
11:1
saving (3)
10:10;29:7;67:9
savings (9)
10:4,9,13;11:3;
25:1;29:7;48:2;56:19,
25
saw (4)
12:19;19:19;42:25;
81:16
saying (2)
37:22;38:11
scam (1)
45:4
scenarios (1)
11:21
scheduled (2)
20:12;25:15
schedules (2)
17:21;18:19
Scott (4)
26:3;27:11;78:6;
80:14
screen (1)
7:7
SD-2 (6)
54:2;63:20;64:15,

18;65:12,18
season (1)
15:22
seasons (1)
78:18
Seco (2)
45:24;46:19
second (11)
8:3;14:1;15:6,14;
17:4;18:2;25:12;
35:11;40:23;51:25;
65:7
section (1)
73:5
security (2)
42:3;56:11
seeing (6)
8:25;17:9;27:15;
73:15;77:6;84:7
seek (1)
20:9
seem (3)
38:7;74:24;79:6
seems (6)
42:15,16,19;43:5;
45:15;76:15
sell (1)
47:3
send (4)
20:18,20;22:23;
33:20
sending (1)
81:15
sense (2)
22:1;65:11
sent (3)
22:7;51:2;60:11
sentiment (1)
24:16
September (1)
78:4
serve (1)
16:7
service (12)
9:20;16:9;18:4,10,
16;24:21;34:2;48:1;
62:11;66:25;70:15;
82:4
Services (1)
4:9
sessions (1)
50:20
set (3)
4:20;28:17;53:11
several (4)
17:13;21:8;35:12;
70:23
share (3)
10:19;32:18;52:3
shared (1)
22:16
Shaw (4)
45:22,23;46:5,20
sheet (1)
25:21
sheets (1)
21:15
Shift (3)
66:20,22;68:6
shifts (1)
76:4
shocked (1)
56:19
short (1)
72:20
shortly (1)
73:6
show (3)
33:22;53:4;66:10
shows (2)
20:14;73:19
side (6)
10:24;13:15;18:13;
34:13;66:10,11
sign (1)
17:9
significant (6)
28:19;55:11;56:3;
64:1,19;81:19
signs (1)
24:24
similar (5)
12:9;18:21;42:14;
68:2;83:16
simple (2)
61:21;63:21
simpler (1)
54:1
simplicity (1)
70:6
Simultaneously (1)
39:25
single (1)
23:9
sitting (2)
37:7,8
situation (5)
37:11,13;41:11;
56:5;69:16
situations (1)
53:25
size (7)
16:3,13,24;33:9;
34:9;54:15;67:6
skimp (1)
82:15
skimped (1)
82:3
slide (14)
6:17;7:16,19;9:21;
14:15;18:13;20:14,
25;21:14;22:5;23:6,9,
22;25:25
slides (3)
8:8,18;60:23
slight (1)
16:18
slightly (3)
14:12;15:5,8
Sloughhouse (1)
45:24
sloughing (1)
45:6
small (10)
13:16;14:6;16:11,
14,23;19:10;54:17;
63:10;67:21;70:23
smaller (1)
16:2
smart (2)
79:9,24
SMUD (49)
4:17;5:17;6:6;
10:23;19:18;23:23;
26:22,25;27:11;30:2,
9;31:11;32:14;34:21;
35:1,19;36:6;37:5;
42:2,9;43:11,18,24;
45:15;46:4,21;47:2,
18;49:24;50:10;51:1,
8;55:15;57:7;60:8;
65:17,19,23;66:3;
67:9;70:9;75:2;76:7,
22;78:6;80:14;81:6,
18;83:18
snippet (1)
73:16
snowpack (1)
72:14
social (3)
21:18;31:10;56:11
solar (29)
9:11;43:1,1,2,8,14,
20,22,24;44:11,13;
45:24;46:2;53:11,14,
20;74:8,9,18,18,19;
75:7,10;76:3,4,5,14;
77:10,25
solvent (1)
58:17
somebody (2)
5:23;46:18
someone (1)
72:9
sometimes (1)
67:14
Somewhere (1)
48:14
soon (1)
34:16
sort (3)
72:23;79:10,12
sounded (1)
48:20
sounds (3)
43:2,9;74:21
Southern (1)
52:13
Spanish (1)
21:16
speak (5)
5:13,18,22;41:20;
83:9
speaker (2)
42:4;46:23
speakers (2)
5:15;41:19
speaking (4)
38:23;39:25;40:21;
46:15
Special (2)
4:1;47:24
specific (3)
9:2;34:6;77:18
specifically (2)
65:14;75:17
spell (1)
41:21
spend (1)
73:23
spending (1)
73:24
spent (2)
51:15;74:9
spring (1)
76:15
Stabilization (1)
29:19
stable (2)
28:15;82:5
staff (23)
5:3;6:4;29:6,14;
30:1;38:6;50:11;
55:17;56:10,24;57:3;
59:17;62:6;65:22;
71:8,10,23;74:6;
81:11;83:3,8,24;84:5
staff's (1)
4:25
stakeholder (2)
53:18;75:19
stakeholders (1)
53:13
stand (1)
57:13
standard (3)
15:8,16;61:11
standards (1)
65:2
standby (1)
18:16
standing (2)
69:3;73:13
start (3)
19:2;77:6;78:15
started (4)
6:19;7:4;45:18;
80:19
state (2)
41:21;52:7
statement (1)
36:16
statistics (2)
21:3;53:4
stay (3)
9:7;28:8;73:21
stays (5)
9:15;11:3,18;25:2;
27:25
Steve (14)
35:13;36:5,8,19,23;
37:6;38:21;39:20,23;
40:1,9,13,18;41:15
still (10)
12:24;19:16;20:11,
11;38:8;43:14;49:18;
57:7;62:25;79:23
stonewalling (1)
46:7
storage (6)
9:11;53:11,14;75:7,
10;77:15
store (1)
77:15
story (1)
74:10
straightforward (1)
23:14
Strategic (5)
65:20;66:4;69:15,
25;70:5
Strategy (4)
6:4,12;20:15;26:5
strongly (1)
83:7
structure (1)
45:13
struggling (1)
35:1
study (1)
18:3
stuff (1)
80:3
stupid (1)
46:7
subdivision (1)
41:5
subject (2)
9:5;63:6
submit (1)
11:8
submitted (2)
5:10;84:13
subscribed (1)
22:10
subsequent (1)
11:12
subset (1)
15:25
substation (1)
9:13
successful (1)
84:1
suggested (2)
70:25;83:18

sum (1)
23:4
summarizes (1)
22:5
summary (5)
18:14;20:4;23:7,12;66:4
summer (2)
43:16;76:15
super (1)
42:8
Supervisor (1)
26:4
supplies (1)
58:23
support (2)
9:19;83:7
supported (1)
21:6
supporting (1)
24:4
supposed (2)
47:1,14
sure (11)
9:7;33:22;34:3;35:21;58:10,12;65:18;67:6;70:3;82:16;83:9
survey (1)
33:13
switch (1)
9:8
system (15)
8:12;14:19;15:18,24;16:5;18:7,8;45:24;47:25;59:6,8;61:12;76:5;77:7,10
systems (1)
80:23

T

table (1)
14:25
tailored (1)
20:21
takeaway (1)
24:14
takeaways (2)
23:10;77:5
talk (4)
40:2,3;61:21;74:11
talked (1)
71:19
talking (5)
13:7;61:22;64:14;67:22;71:2
talks (1)
79:7
Tamayo (4)
57:18,20,23;59:25
target (1)
33:19
targeted (2)
58:5;80:20
Tariff (9)
4:12;8:10,15;17:18;18:14;19:7,14;25:13;78:10
tariffs (4)
17:16;18:18;27:7;79:7
team (3)
29:10;71:23,25
technical (1)
61:5
technologies (1)
80:1
technology (1)
62:15
ten (10)
5:2,11;35:14;36:14,15;39:17;50:5,7;70:12;71:10
tend (3)
13:4;16:1;65:24
term (1)
61:5
terms (4)
25:9;30:20;52:23;81:5
territory (5)
24:10;31:12;33:18;55:24;57:8
testimony (2)
40:21;50:6
testing (1)
81:2
Texas (1)
42:19
thanks (1)
71:22
themes (1)
23:18
thinking (3)
27:9;33:15;69:9
Third (4)
8:9,10;66:19;75:25
though (1)
79:22
thought (10)
44:1,2;49:20;69:24;70:4,8;71:10;76:11;79:13;80:11
thoughtful (1)
71:12
thoughts (3)
60:6,7;76:20
three (12)
5:12;12:20;28:11;36:18;41:19;43:22;46:4;50:5;56:23;57:14;72:5;75:6
Three-minute (1)
48:20
throughout (3)
10:19;23:10;53:18
throw (1)
76:10
ticking (4)
36:18,21,24;39:15
tiers (2)
14:18,23
timeline (1)
6:19
Time-of-Day (10)
15:15;33:17;53:2,16,17,24;54:9;58:11;64:3;76:25
time-of-use (1)
43:21
times (5)
10:19;46:4;77:8,12;78:18
timing (1)
79:3
tiny (1)
82:25
today (12)
15:17;18:24;19:6;27:18,23;33:23;52:4,22;54:6;55:14;62:16;76:25
today's (1)
5:12
together (2)
4:13;35:18
Tonight (9)
4:19;6:10;7:10;37:2;49:7,11,21;50:13;74:13
took (2)
17:17;24:14
tools (1)
34:1
topics (2)
60:24;61:3
total (3)
9:1;14:2;62:25
totally (1)
38:12
tough (1)
55:25
toward (5)
13:5,18;23:22;60:23;65:12
towards (1)
58:6
track (1)
62:14
train (2)
34:2;79:12
transcribed (3)
4:2;5:8;84:11
transcript (1)
5:24
transfer (1)
19:3
transformer (1)
16:8
transformers (2)
28:5;45:2
Transmission (9)
4:12;8:10,11;17:18,24;18:8;25:13;51:17;66:25
transparent (1)
53:10
treating (1)
44:21
trending (3)
12:19;26:24,25
trends (3)
27:5;77:4,20
tried (1)
78:15
triple (1)
55:13
tripled (2)
56:22,23
trough (1)
45:6
try (3)
56:12;58:12;80:3
trying (5)
24:24;31:16;35:21;38:11;72:21
turn (1)
9:8
tweak (1)
77:20
two (9)
6:2;7:7;15:17;25:11;27:22;28:11;73:18;79:4,18
two-and-a-half (1)
74:9
two-year (2)
27:3;79:5
type (3)
13:15;62:11;65:12
typical (2)
51:25;62:10
typically (1)
72:16

U

Uhler (34)
35:13,14,20,23;36:3,3,5,8,13,19,22,23;37:5,6;38:20,21;39:16,20,23;40:1,9,12,13,16,18;41:14,15;50:1,15;51:2;60:1;68:13;69:22;70:16
Uhler's (2)
83:15,22
ultimately (1)
7:21
uncertain (1)
79:6
uncertainty (1)
27:19
unconnected (1)
38:12
under (5)
5:9;13:23;14:3;15:4,4
understood (1)
23:13
unduly (1)
71:17
unfortunately (1)
50:1
unit (1)
61:16
unrelated (2)
68:19,23
up (41)
5:12;8:6,23;10:10;16:3,24;17:9;19:1,4,20,23;23:4,21;24:2;25:22;26:24,25;30:21;33:2;39:19;40:8,25;41:23;43:18;46:17;47:11;48:11;52:8;55:1,23;57:13;58:25;59:2,3,4;63:16;72:14;73:5,20;79:1;82:10
update (6)
8:14;12:10,20;17:13,17;75:21
updated (7)
10:20;17:20;18:2,3,9;21:22;26:19
updates (4)
8:9,16;18:15;25:4
usage (5)
8:4,5;14:23;52:3;53:8
use (19)
8:11;12:11;13:4;15:15;16:1;21:7,23;32:6;33:16;37:13;50:8;58:7;60:2;65:24;66:16;68:19;76:6,6,17
used (5)
12:13;21:18;52:4,21;78:1
User (1)
36:2
uses (1)
13:21
using (2)
13:2;76:19
usually (1)
56:7
utilities (10)
10:20,23,25;52:7,11,14;70:11;79:21,22,24
utility (13)

10:15;36:10;40:15;
42:8;44:3;51:12,16,
22;52:1;60:20;63:22;
71:15;79:17
utilize (1)
36:12
utilized (1)
21:17

V

valuable (1)
6:22
value (6)
24:25;25:2;74:20,
20;75:18;78:17
varies (1)
61:20
variety (3)
22:18;23:3;30:11
various (1)
27:15
vary (4)
11:10;15:22;52:3;
72:11
vast (1)
30:12
vehicle (3)
52:23;53:1,7
venues (3)
21:1;24:15;31:4
verbal (1)
41:4
verbally (1)
40:22
version (3)
21:16,16;60:12
vetting (1)
34:4
VICE (2)
57:20,23
video (1)
35:17
videos (4)
37:9;38:5;50:14,18
view (2)
37:3,24
Vincent (10)
46:23,24;48:16,21,
25;49:3,12;72:8,22;
73:1
violating (4)
36:19;38:9,10;
40:14
violation (5)
37:9;38:3,3;39:2,8
virtual (4)
20:20;21:17;25:16;
57:18
virtually (1)
21:19
visiting (2)
33:7;69:14
voice (1)
41:23
volatile (1)
78:9
volatility (2)
27:19;28:14
voltage (1)
18:10
Volume (1)
4:13
Volumes (1)
4:9
vote (8)
20:13;47:11,13;
48:4,5,6,6;49:14
voted (4)
47:9,13,16;49:13
voting (1)
49:10

W

wages (1)
46:11
wait (2)
5:22;37:2
waiting (5)
32:11;37:25;39:13;
41:15;46:8
waiver (1)
67:13
walk (2)
13:13,14
wants (1)
47:18
watch (1)
79:11
watching (1)
81:24
wave (1)
62:19
way (14)
5:23;11:10,23;
13:17;18:17,20;
27:14;54:9;61:5,23;
64:2;70:17;76:8;
78:10
ways (6)
21:1;23:3;55:16;
58:11;83:21;84:4
web (1)
21:18
Weber (4)
42:4,5,5;44:18
W-E-B-E-R (1)
42:6
website (2)
25:20;50:10
week (1)
60:11
weeks (2)
35:12;79:10
west-facing (1)
44:14
what's (6)
13:14;25:8;37:23;
45:22;46:3;79:13
wheel (1)
8:11
wheeling (3)
17:23;18:4,6
whole (5)
56:14;59:7;61:22;
74:10;77:7
whole-house (1)
53:8
wildfire (3)
9:22;51:19;82:12
wind (1)
45:17
window (4)
12:8,16,21;20:10
wish (2)
31:12;42:1
within (7)
11:18,19;28:1,19;
31:17;80:23;81:22
without (3)
56:2;81:12,13
wonders (1)
79:8
wonks (1)
77:24
word (1)
45:11
words (6)
19:10,13,16;24:9,
13;53:22
work (13)
25:7;29:12,13,16;
34:15,19;50:17;
56:18;57:8,11;64:7,
10;82:25
working (6)
32:16;33:25;34:13;
70:20;74:24;83:25
workshop (1)
6:20
workshops (2)
7:8;42:13
world (2)
27:8;83:5
wrapped (1)
79:1
writing (1)
60:4
writings (1)
39:5
written (11)
38:4,13,13,24;39:8,
14;40:20;41:3,10;
42:1;50:9

Y

year (13)
10:19;11:11;27:4;
28:3;45:13;47:8;
56:11;72:12,12,20;
73:19;75:25;77:12
year-over-year (1)
11:24
years (30)
9:1;11:9,12;12:20;
19:18;27:22;28:11,
11,25;42:9;50:20;
52:5,25;55:12;57:14;
59:20;70:9,12,23;
71:3,11;74:9;75:16,
25;77:25;78:3,11,12;
79:4;82:13
yesterday (1)
75:11

Z

zero (1)
14:24

0

074 (2)
43:3,15

1

1 (10)
4:9,13;10:11;35:6;
36:2;61:13,17,17,19;
84:13
1,100 (1)
23:1
1.5 (1)
44:2
10 (3)
52:24;56:3;78:2
100 (9)
14:25;16:3;28:24;
42:11;43:11,24;44:9;
61:13,17
11 (2)
50:20;84:13
118 (1)
80:9
12 (1)
52:25
125 (3)
8:6;16:24;33:2
125-amp (1)
47:23
125-amps (1)
54:12
13 (1)
7:8
14403.5b (2)
36:11;38:13
144035 (1)
39:11
145 (1)
55:23
15 (2)
43:7;78:3
15,000 (2)
32:24;33:14
150 (1)
15:5
150,000 (2)
33:6;62:24
16 (2)
19:9,16
17 (1)
55:12
18 (1)
6:25
180 (1)
78:1
185,000 (1)
22:18
19 (1)
20:13
19th (3)
5:4;25:15;49:10
1st (8)
7:24,25;47:6,7,7;
80:24;81:4,5

2

2 (10)
4:4,6,10;35:6;
61:19;66:4;69:15,25;
70:5;84:10
2,800 (1)
22:11
2.5 (1)
56:11
2.75 (1)
47:6
20 (8)
4:13;42:9;43:17;
55:21;56:3;57:14;
70:9;77:25
20- (1)
50:15
20.77 (1)
43:14
200 (1)
15:6
200-amp (1)
48:1
2014 (1)
50:15
2016 (1)
17:19
2017 (1)
17:19
2021 (6)
12:3,5,22;26:21;
75:12,13
2022 (1)
75:14
2024 (5)

10:8,11,21;12:12;
55:21
2025 (3)
4:10,13;12:5
2026 (3)
7:24;15:3;34:14
2027 (7)
7:25;11:11;12:3,15,
22;14:2;26:21
2030 (1)
11:10
20th (2)
4:10;7:3
21 (2)
12:12,15
24 (1)
47:6
24/7/365 (1)
58:18
25 (2)
12:13,20
26 (4)
9:1;12:6,13,21
26.20 (1)
16:15
27 (6)
9:1;11:9;12:7,13,
21;43:13
270-kilowatt (1)
17:1
271,000 (1)
22:7

3

3 (25)
7:23,25;11:12;
13:25;14:5;15:3,12;
27:3,22;29:2;34:25;
35:4;40:8;42:14,20;
47:9;48:11,11;56:1,4,
16,17;71:2;83:4,5
3.4 (1)
16:19
3.6 (1)
12:8
3.72 (1)
47:7
3.8 (1)
12:15
3.92 (1)
47:7
30th (1)
7:8
35 (1)
43:15

4

4 (2)
12:22;26:20
4.3- (1)
47:8
40 (1)
22:20

5

5 (3)
11:11;35:4;44:8
5:00 (2)
44:12;76:18
50 (9)
11:1,14;14:24,24;
24:22;31:8;61:19;
72:16;84:2
500 (2)
43:19;45:10
53 (1)
22:17
57.8 (1)
80:8

6

6 (2)
18:22;67:22
6:00 (3)
25:16;44:6;78:3
6:02 (1)
4:1
6:07 (1)
4:4
600,000 (3)
48:15;54:22;62:25
65 (1)
22:19

7

7.4 (1)
43:9
7.5 (1)
43:8
7:53 (1)
84:10
70 (1)
22:6
700 (1)
13:22
750 (2)
13:22,23
750-kilowatt (1)
13:21
76 (2)
7:5;20:11
7-kW (1)
67:22

8

8:00 (3)
44:6,13;76:18

9

9,030 (1)
45:14

EXHIBIT 1

Exhibit to Agenda Item #2

PUBLIC RATE HEARING

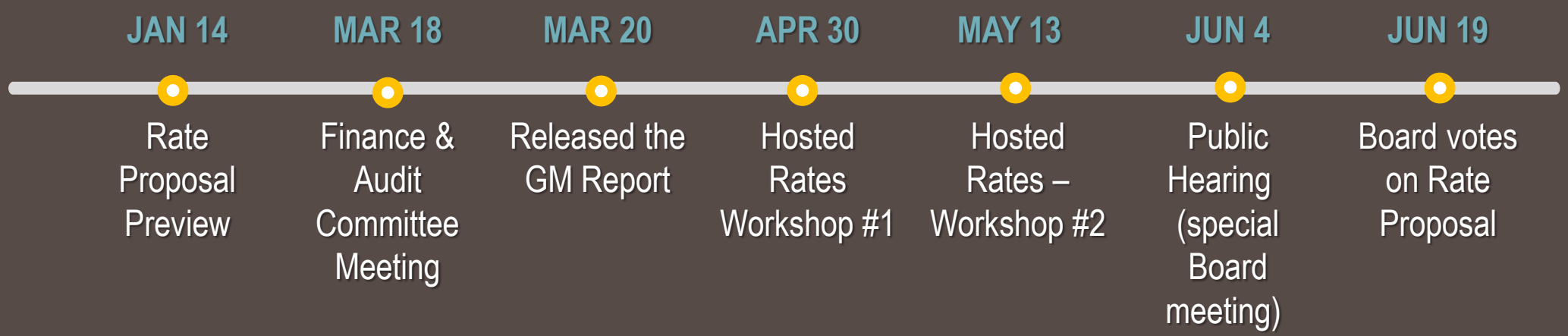
Chief Executive Officer and General Manager's Report and Recommendation on Rates and Services (Volumes 1 & 2) dated March 20, 2025, and Chief Executive Officer and General Manager's Report and Recommendation on Open Access Transmission Tariff (Volume 1) dated March 20, 2025, together the "CEO & GM Reports."

Special Board of Directors Meeting

Wednesday, June 4, 2025, scheduled to begin at 6:00 p.m.

SMUD Headquarters Building, Auditorium

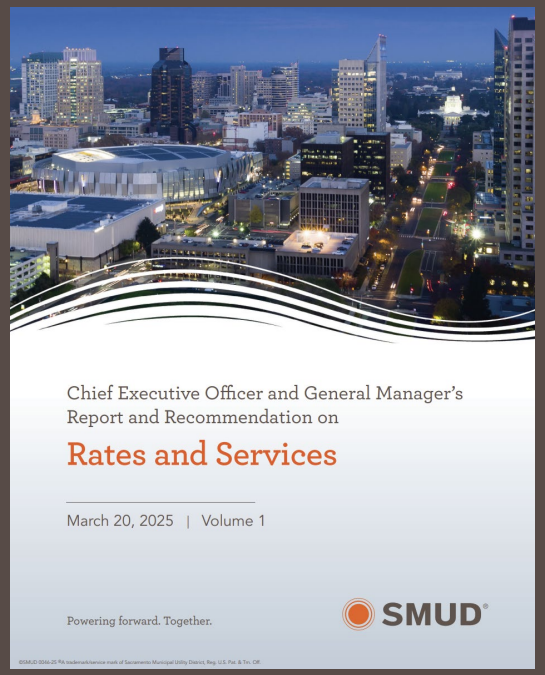
2025 rate process timeline



Three public notices were published on Mar 27, Apr 2 and Apr 8

Extensive public education and outreach

Here's what's in the rate proposal



3.0% rate increases on Jan. 1, 2026 and Jan. 1, 2027 for all customers.

Optional residential rate for low usage customer with electrical panels ≤125 Amps.

Updates to Open Access Transmission Tariff for third parties who wheel power through the transmission system.

Miscellaneous tariff language updates for clarification and consistency.

Rate increase drivers

Increasing commodity costs for reliability and to meet new state Renewables Portfolio Standard Requirements.

Capital spending to support world class reliability:

- New generation and storage project costs to meet California clean energy compliance requirements
- Substation and line capacity projects to maintain a reliable grid
- New Folsom Administrative Operations Building to support reliability

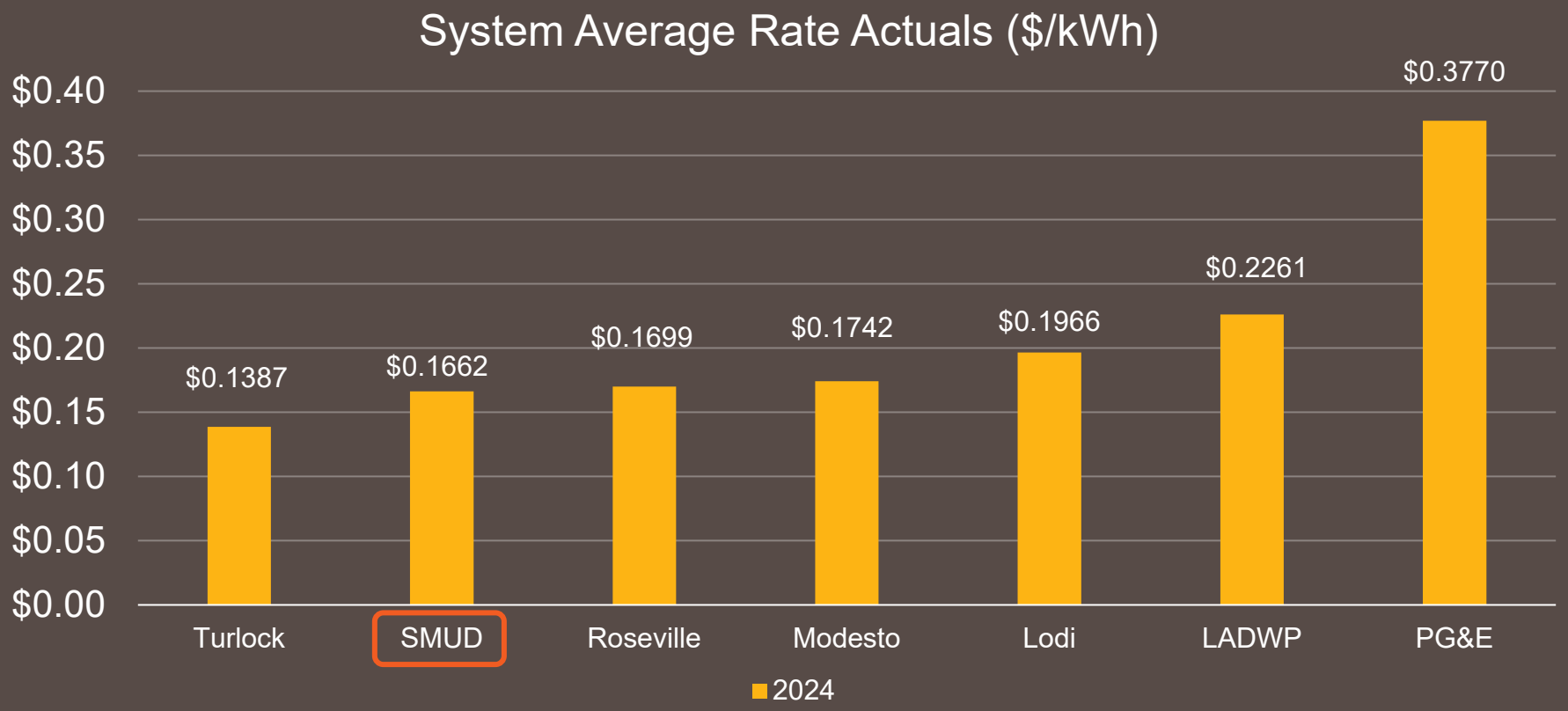
Wildfire prevention and the cost of inflation to prevent and mitigate wildfires and address increased cost of material and services.

SMUD is committed to keeping rate increases within inflation.

Continued internal focus on cost savings and efficiencies to minimize rate increases

For more details, please see the Rate Increase Drivers section in the GM Report.

System average rate comparison ($/kWh)



System Average Rate

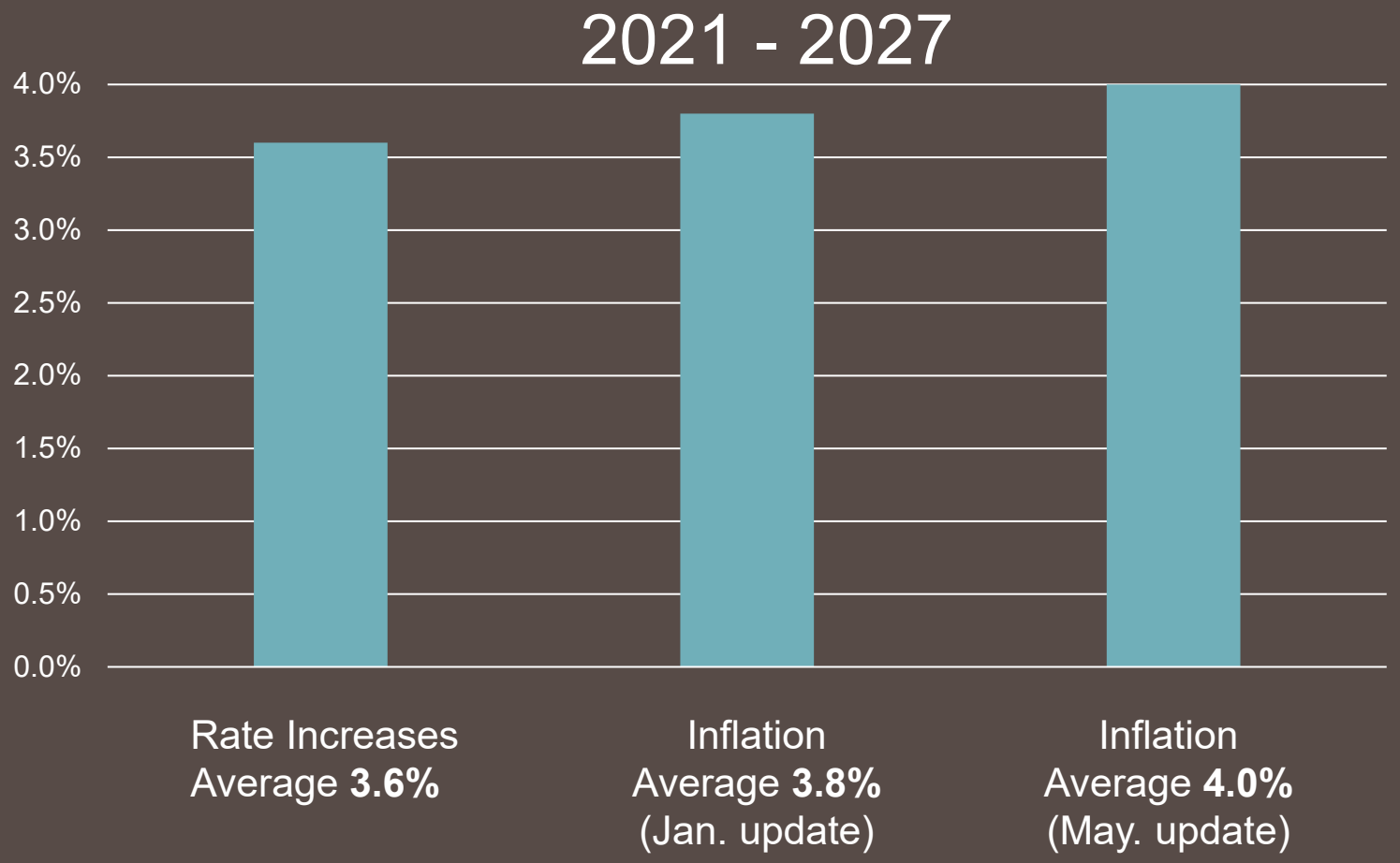
Total rates revenue
(SIFC, demand charges, energy)

÷

Total kWh sold

Source: 2024: US Energy Information Administration (EIA-861 monthly) and self reported data

Average rate increases vs. average inflation



- Our rate increases since 2021 have been below inflation.
- Based on conservative inflation estimates for 2025-27, our proposed rate increases will still have us below inflation.

Source: SMUD's historical adopted rate increases from 2021 through 2025 and proposed rate increases for 2026 to 2027. Historical inflation data from Bureau of Labor Statistics. Forecasted inflation data for 2025 to 2027 from IHS Markit

Bill impacts with proposed rates

Average Monthly Bill Impacts				
Size	Average Monthly Bill	3.0% Rate Impact Jan. 1, 2026	3.0% Rate Impact Jan. 1, 2027	Total Bill Impact
Average residential at 750kWh usage	**$144.92**	$4.35	$4.48	**$8.83**
Small Commercial (<20 kW)	**$202**	$6	$6	**$12**
Small Commercial (20 – 299 kW)	**$3,425**	$103	$106	**$209**
Medium Commercial (500 – 999 kW)	**$32,736**	$982	$1,012	**$1,994**
Large Commercial (>1,000 kW)	**$101,901**	$3,057	$3,149	**$6,206**
Agriculture (Ag & Pumping)	**$445**	$13	$14	**$27**

Customers on our low-income Energy Assistance Program Rate (EAPR) & Medical Equipment Discount rate will see slightly different bill impacts than standard rate customers.

Amounts may reflect minor rounding differences

Energy Assistance Program Rate (EAPR) bill impacts

Average Monthly Bill Impacts					
Federal Poverty Level (FPL)	Average Monthly Usage	Average Monthly Bill	3.0% Rate Impact Jan. 1, 2026	3.0% Rate Impact Jan. 1, 2027	Total Bill Impact*
0% - 50%	737 kWh	**$59.64**	$3.45	$3.59	**$7.03**
50% - 100%	628 kWh	**$84.47**	$3.67	$3.78	**$7.46**
100% - 150%	672 kWh	**$112.55**	$4.00	$4.12	**$8.12**
150% - 200%	708 kWh	**$129.02**	$4.18	$4.31	**$8.49**

* Average monthly bills impacts are estimated and include EAPR credits by Federal Poverty Level. Monthly kWh usage represents the average of that Federal Poverty Level.

Proposed Optional Time-of-Day (Low Use) Rate

Lower System Infrastructure Fixed Charge (SIFC)

Connecting customers to the distribution system, including the local transformer

Metering costs

Costs for customer service, billing & support

How it works

- Lower SIFC of $17 per month ↓
- Higher energy charges (+3.4¢ per kWh) ↑

Who qualifies

- Customers with small panels (≤125 amps)

Who benefits

- Customers with low usage (≤270 kWh per month)

This optional rate was designed to be revenue neutral.

Other proposed rate changes

Open Access Transmission Tariff (OATT)

- Pricing update to eight schedules to reflect current cost.
- Applies to transmission service.
- It does not impact retail customers.

Distribution Wheeling Service (DWS)

- Updated prices by service voltage to reflect current cost.
- No customers enrolled on this rate.

Miscellaneous tariff language updates

- ✓ Making consistent standby language across all tariffs.
- ✓ Clarifying Rule 6 language to make it consistent with current policy.
- ✓ Clarifying Rule 16 language on ownership and maintenance of certain equipment.
- ✓ Removing outdated language on service to annexation customers from Rule 16.

Extensive outreach and communications

Our Rate Action outreach delivered transparent, clear outreach to the widest possible range of partners and customers. We provided our external partners with many options of resources to support communication with their diverse constituents.

Extensive proactive outreach	Many options to support partners	Tailored presentations	Maximize outreach across service area
Reached out to 1,500+ groups with a menu of options to share the proposed rate changes. Included email and personalized phone outreach to targeted groups.	Offered external partners an opportunity for SMUD to speak at virtual or in-person meeting, newsletter article, slide decks, informational collateral, frequently asked questions, etc.	For groups requesting a meeting, we tailored presentations based on audience type and time allotted and identified the most appropriate presenter(s).	Emphasized on balanced outreach across SMUD territory to reach customers. Will prioritized groups who have expressed interest in the past to make sure they received rate change information.

Multi-pronged communications and outreach

Optional low use residential rate outreach

- Multi-channel direct outreach to customers who will benefit from this rate option.

Community Engagement
- Virtual outreach
- In-person outreach
- Partner engagement

Web, Digital & Social
- smud.org
- Social media posts
- E-mail newsletters

Marketing
- Fact Sheets
- FAQs
- Content for partners

Internal Communications
- Daily updates
- Internal news articles
- Employee training & engagement
- CEO video blog & company-wide meeting

Public Relations
- News release
- Media communications
- Key message development

Public outreach process: direct engagement

Total emails to customers, local organizations and to our Listserv subscribers.

271,000+

Community & business leaders received emails, letters and/or phone calls to offer meetings & information.

2,800+

Community & business partners were provided information, fact sheets, and recorded presentations to share with their constituents, members and networks.

1,100+

Local elected officials were mailed info packets and offered to meet.

53

Outreach at community events with a total of nearly 185,000 attendees.

65+

Community organizations, neighborhood associations, and key businesses received presentations and roundtable workshops.

~40

What we've heard from customers and stakeholders

Customers understand the proposal, find it straightforward and have been appreciative of our outreach. Below is some of the feedback received:

We're always happy to have SMUD come present to our association. It is always professional and informative.

Compared to the competition, I feel lucky to have SMUD. I trust SMUD to do what is right for Sacramento.

The rate information presented was clear and easy to understand. I feel better knowing SMUD is willing to answer my questions.

We Love SMUD!

What happens next?

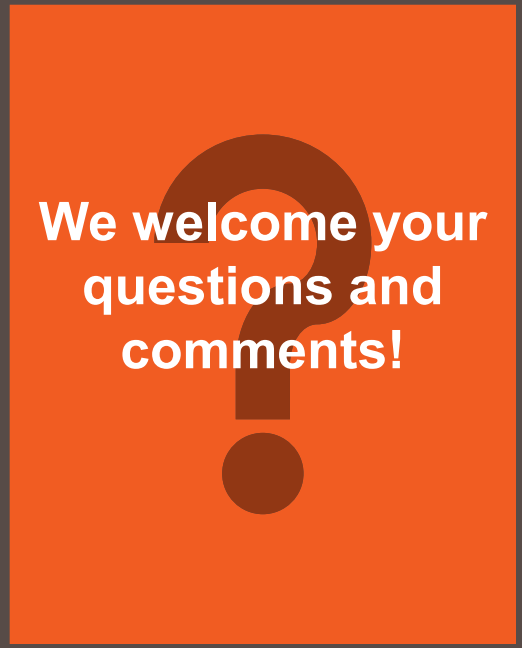
Public review and comment period on draft rates resolutions.

Final decision at the SMUD Board meeting on June 19, 2025 at 6:00 p.m.

via Zoom and at SMUD Headquarters - 6201 S Street, Sacramento

Need more information?

- Read the CEO & GM's Reports on **smud.org/RateInfo**.
- Email questions or comments to **ContactUs@smud.org** or call 855-736-7655.
- For tips on energy management, visit **smud.org/EnergyTips**.
- To join the charge and be a Clean PowerCity Champion, visit **CleanPowerCity.org**.
- For **commercial** customer service, call **1-877-622-7683.**
- For **residential** customer service, call **1- 888-742-7683.**



SMUD®

Questions?

EXHIBIT 2

Steve Uhler's report and recommendations

Path to equitable rates

June 4, 2025 Rate Hearing

Brown Act and PUC 14403.5(b)

- This written recommendation has been submitted pursuant to PUC 14403.5(b)
- The SMUD Board is required to consider this recommendation at a hearing pursuant to PUC 14403.5
- Board quorum is four members
- The special meeting agenda does not list this recommendation as a item for discussion
- Brown Act GOV 54956 prohibits consideration of business not listed on the agenda
- Action will be taken at this special meeting

Do any board members object to proceeding?

- Provide informed consent to proceed, Ask SMUD General Counsel about:
- Risks of a board quorum discussing business not listed on a special board meeting agenda (GOV 54956)
- Risks of depriving the public of information to which the member knows or has reason to know the public is entitled (GOV 54859)
- Pause slide for more time to respond

Are the videos available to all?

- Did each board member watch all videos? answer for the record
- Did the public have access to all videos? answer for the record
- Pause slide for more time to respond

Path to equitable rates

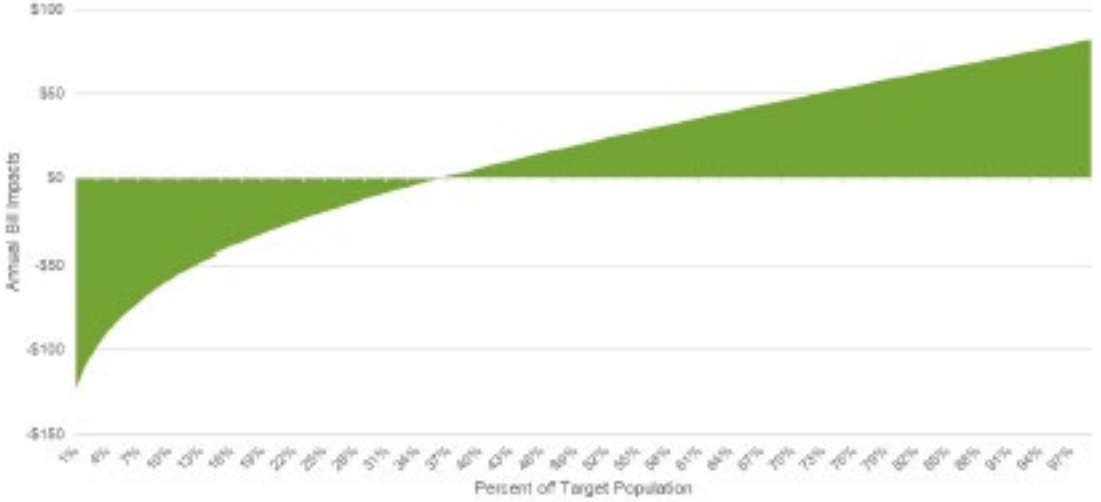
- Better metering (Power Factor)
- Improved efficiency (Loading Order)
- Less cost shifting (Equitable Rates)
- Better Material Resource Planning (MRP)
- The Deming Prize (Quality Award)
- Create a standing committee for process improvement (Take Action)

Better metering (Power Factor)

- Electricity becomes a product "in the stream of commerce" at the utility meter
- Fong v. Pacific Gas & Electric Co. (1988) set in to law where electricity becomes a product
- Charging only for kilowatts overlooks power factor (PF) losses, requiring cost shifting in rates
- SMUD is installing 200,000 Itron Gen5 Riva meters for residential customer owners that measure PF by early 2026

Improved efficiency (Loading Order)

- Loading order places efficiency above adding any new generation to the grid
- Rates that cost shift hide efficiency losses
- SMUD's low use rate design is unstable with large differences within the customer type



Less cost shifting (Equitable Rates)

- Charging for power factor (PF) losses will reduce cost shifting
- PF of 1 (unity) is best
- Customers inductive loads cause PF losses
- Appliances such as refrigerators, washing machines, swimming pool pumps are some of the higher PF losses
- Cost for part of these PF losses are shifted to customers who chose appliances with PF that are closer to unity

Better Material Resource Planning (MRP)

- Replace SMUD costly resource planning system
- It should not cost $408 to find out how many residential customers have meters that record power factor (PF)
- SMUD staff appear unable to answer questions from the public on customer types directly related to the general manager's (GM) rate report
- Detailed customer type data should appear in GM report for each customer type [PUC 14403.3(b), 739.13(c)(2), and 740.16(d)]

The Deming Prize (Quality Award)

- The Deming Prize is the longest running national quality award and one of the highest awards in the world
- It was established in 1951 to honor W. Edwards Deming who contributed greatly to Japan's proliferation of statistical quality control after World War II
- Back in 1989 Florida Power & Light became the first non-Japanese winner of the award

Create a standing committee for process improvement (Take Action)

- I request the SMUD Board take action to create a standing committee to endeavor to receive a Deming Prize Award as Florida Power and Light achieved
- The SMUD Board has been provided with URLs taken from the SMUD Board's Video Library
- These videos tell a story pointing to the need to change culture at SMUD to stay competitive, and continue to be trusted by SMUD customer owners

Video 1086

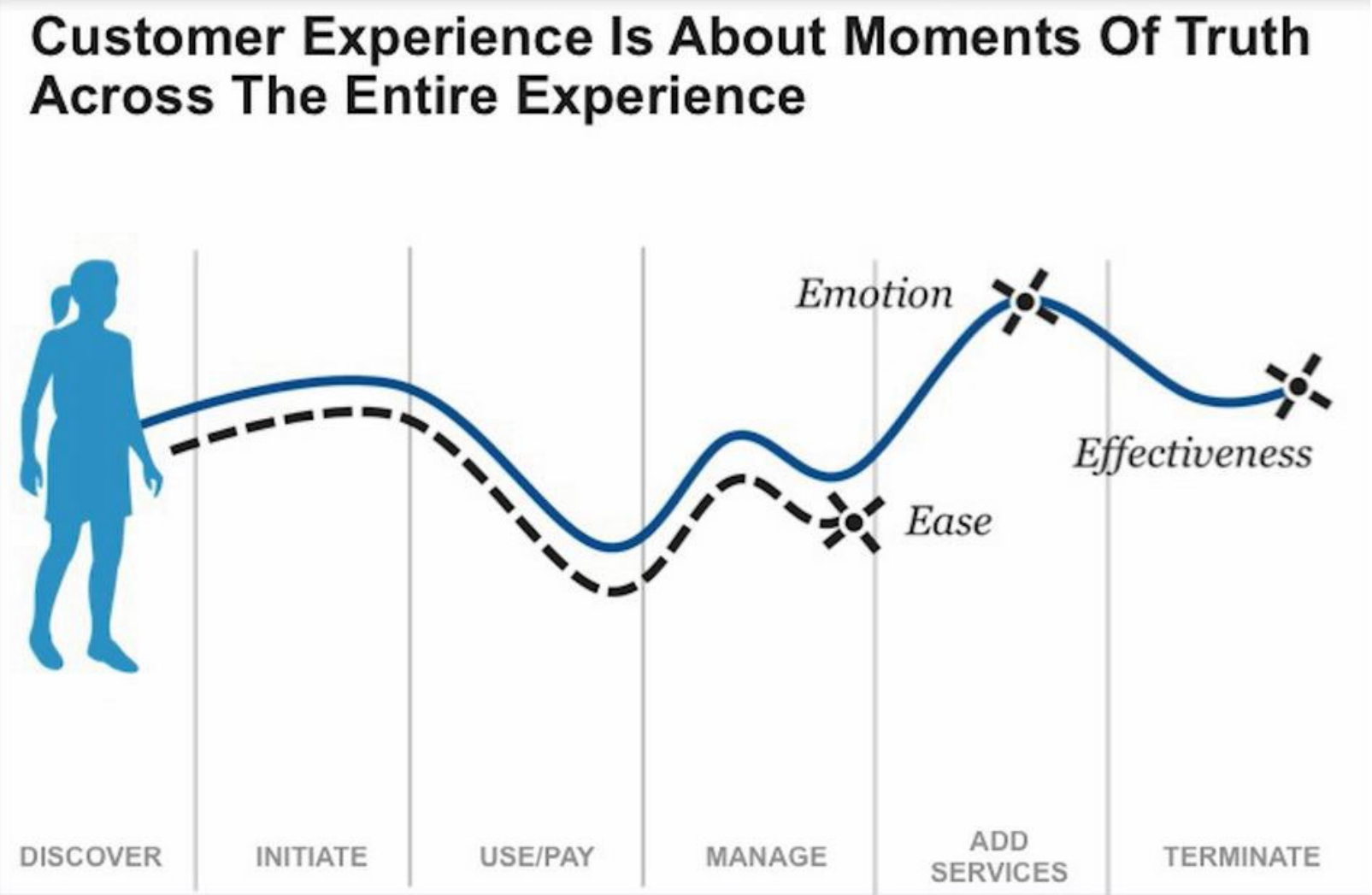
Sacramento Municipal Utility District
Learning Week Presentation
SMUD into the 21st Century
Jim Tracy
January 21, 2014
SMUD
Powering forward.
Together.

Video 1146

Video 1153

Sacramento Municipal Utility District
Frankie
McDermott's
All Hands Meeting
SMUD
Powering forward.
Together.

Video 1480


Customer Experience Is About Moments Of Truth Across The Entire Experience
Emotion
Effectiveness
Ease
DISCOVER
INITIATE
USE/PAY
MANAGE
ADD SERVICES
TERMINATE

Thank you for considering my recommendations

June 4, 2025 Rate Hearing Presentation

Steve Uhler

sau @ wwmpd.com

EXHIBIT 3

From:	Steve Uhler
To:	Gregg Fishman; Public Comment
Cc:	Laura Lewis; PRA
Subject:	[EXTERNAL] Re: Please describe how the matter of considering my rate proposal will be called if it is not listed as a item of business on the agenda.
Date:	Tuesday, June 3, 2025 8:12:36 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello SMUD Board President Gregg Fishman,

Thanks for explaining the process for the hearing.

Please consider this and all my other emails and SMUD staff replies for the rate hearing, written comment submitted for the record pursuant to the agenda written public comment procedure for the June 4, 2025 special Board meeting for agenda item 2.

I trust you have watched the SMUD Board's Video Library videos and notified the other board members that I have incorporated the videos in my proposal by reference:

https://smud.granicus.com/player/clip/1086

https://smud.granicus.com/player/clip/1146

https://smud.granicus.com/player/clip/1153

https://smud.granicus.com/player/clip/1480

Video 1146 has been removed from the library since I notified the Board of including the videos in my proposal. I believe there is another copy of video 1146 under a different name still in the library.

Will all of the videos be made available by the SMUD Board to the public at some point pursuant to 54957.5 GOV-CHAPTER 9. Meetings 54950-54963?

If not, does the SMUD Board object to me uploading the videos I have referenced in my email submissions for the rate hearing, to the internet for public access?

If I am unavailable to participate in the June 4, 2025 meeting. You can consider my written proposal without me at the hearing, as the Board shall do pursuant to 14403.5.(b) PUC-CHAPTER 11.5. Hearings 14401-14403.5wish to utilize my 10 minutes under 14403.5.(a) PUC-CHAPTER 11.5. Hearings 14401-14403.5 for the June 4, 2025 meeting for my proposal presentation. The presentation is set to auto advance, ~6 minutes, feel free to advance slides when fully read at the hearing.

Your staff should be able to answer questions about my presentation, such as why it costs over $400 to know how many residential customer's have meters that measure and store the result of their reactive power, how the low use customer type affects EV customer types, why these two de facto customer types are not considered customer types, and other questions the Board may have about things that were said in the videos that could cause inequitable rates.

Also you can do web searches for other things like Deming Prize, Florida Power and Light, Fong v. PG&E(1988) I believe Fong will have a big effect on SMUD and its renewable credit claims, power factor, loading order, and others in my presentation. All of which affect and will affect SMUD's rates.

Please see that other members of the public see my proposal presentation and hear the Board's consideration, prior to their making comment on item 2 of the agenda for the June 4, 2025 meeting.

I will be waiting to read the transcript as to the Board's actions I have requested in the attached presentation, and why the videos were not made available to the public.

Steve Uhler
sau@wwmpd.com

On 6/3/2025 3:11 PM, Gregg Fishman wrote:

> Mr. Uhler,
> Our agenda has a slot for public comment on items on the agenda. We usually give people 3 minutes. You asked for 10, and we granted that.
> I will call you to the podium at that time and your ten minutes will begin.
>
> Our Board will not take final action on Wednesday. We will consider our staff proposal and yours, and any other alternatives that may be offered. We may, after the presentations and due consideration, decide to place a rate proposal on the agenda for the June 19 regular Board meeting.
>
> If we do that, it would be with the goal of giving final approval to that proposal at the June 19 meeting.
>
> Gregg Fishman
> SMUD Board President
> Ward 3

> On Tue, Jun 3, 2025 at 2:40 PM Steve Uhler <sau@wwmpd.com> wrote:
>
> > Hello Laura Lewis,
> >
> > Please describe how the matter of considering my rate proposal will be
> > called if it is not listed as a item of business on the agenda.
> >
> > How will the public know my proposal is a separate matter for consideration?

Will the public be allowed to address the board the matter of considering my rate proposal and SMUD staff's proposal separately?

My proposal requests the board take action, how will debate be closed
and action taken?

Steve Uhler
sau@wwmpd.com

Steve Uhler's report and recommendations

Path to equitable rates

June 4, 2025 Rate Hearing

Path to equitable rates

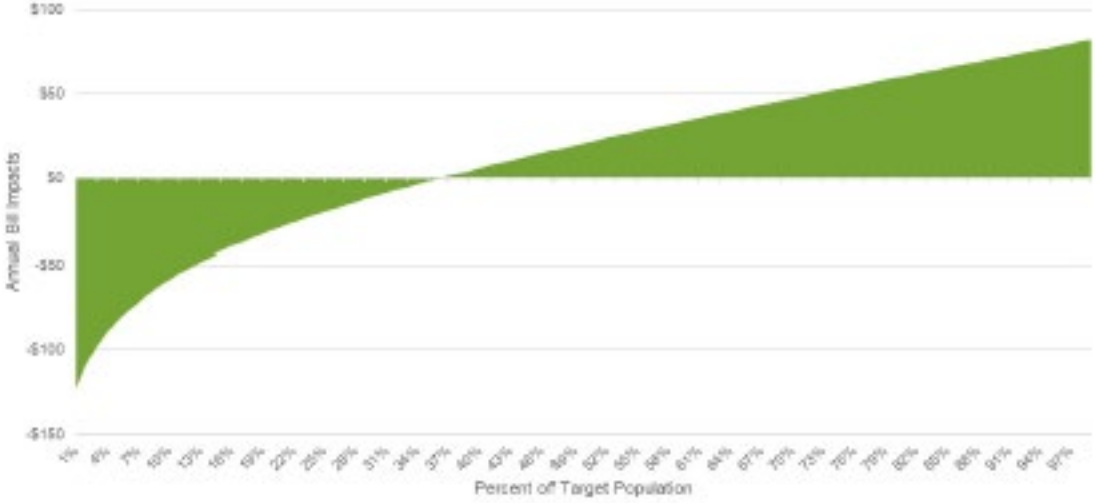
- Better metering (Power Factor)
- Improved efficiency (Loading Order)
- Less cost shifting (Equitable Rates)
- Better Material Resource Planning (MRP)
- The Deming Prize (Quality Award)
- Create a standing committee for process improvement (Take Action)

Better metering (Power Factor)

- Electricity becomes a product "in the stream of commerce" at the utility meter
- Fong v. Pacific Gas & Electric Co. (1988) set in to law where electricity becomes a product
- Charging only for kilowatts overlooks power factor (PF) losses, requiring cost shifting in rates
- SMUD is installing 200,000 Itron Gen5 Riva meters for residential customer owners that measure PF by early 2026

Improved efficiency (Loading Order)

- Loading order places efficiency above adding any new generation to the grid
- Rates that cost shift hide efficiency losses
- SMUD's low use rate design is unstable with large differences within the customer type



Less cost shifting (Equitable Rates)

- Charging for power factor (PF) losses will reduce cost shifting
- PF of 1 (unity) is best
- Customers inductive loads cause PF losses
- Appliances such as refrigerators, washing machines, swimming pool pumps are some of the higher PF losses
- Cost for part of these PF losses are shifted to customers who chose appliances with PF that are closer to unity

Better Material Resource Planning (MRP)

- Replace SMUD costly resource planning system
- It should not cost $408 to find out how many residential customers have meters that record power factor (PF)
- SMUD staff are appear unable to answer questions from the public on customer types directly related to the general manager's rate plan
- Detailed product structure data should appear in the plan for each customer type [PUC 14403.3(b), 739.13(c)(2), and 740.16(d)]

The Deming Prize (Quality Award)

- The Deming Prize is the longest running national quality award and one of the highest awards in the world
- It was established in 1951 to honor W. Edwards Deming who contributed greatly to Japan's proliferation of statistical quality control after World War II
- Back in 1989 Florida Power & Light became the first non-Japanese winner of the award

Create a standing committee for process improvement (Take Action)

- I request the SMUD Board take action to create a standing committee to endeavor to receive a Deming Prize Award as Florida Power and Light achieved
- The SMUD Board has been provided with URLs taken from the SMUD Board's video website
- These videos tell a story pointing to the need to change culture at SMUD to stay competitive, and continue to be trusted by SMUD customer owners

Video 1086

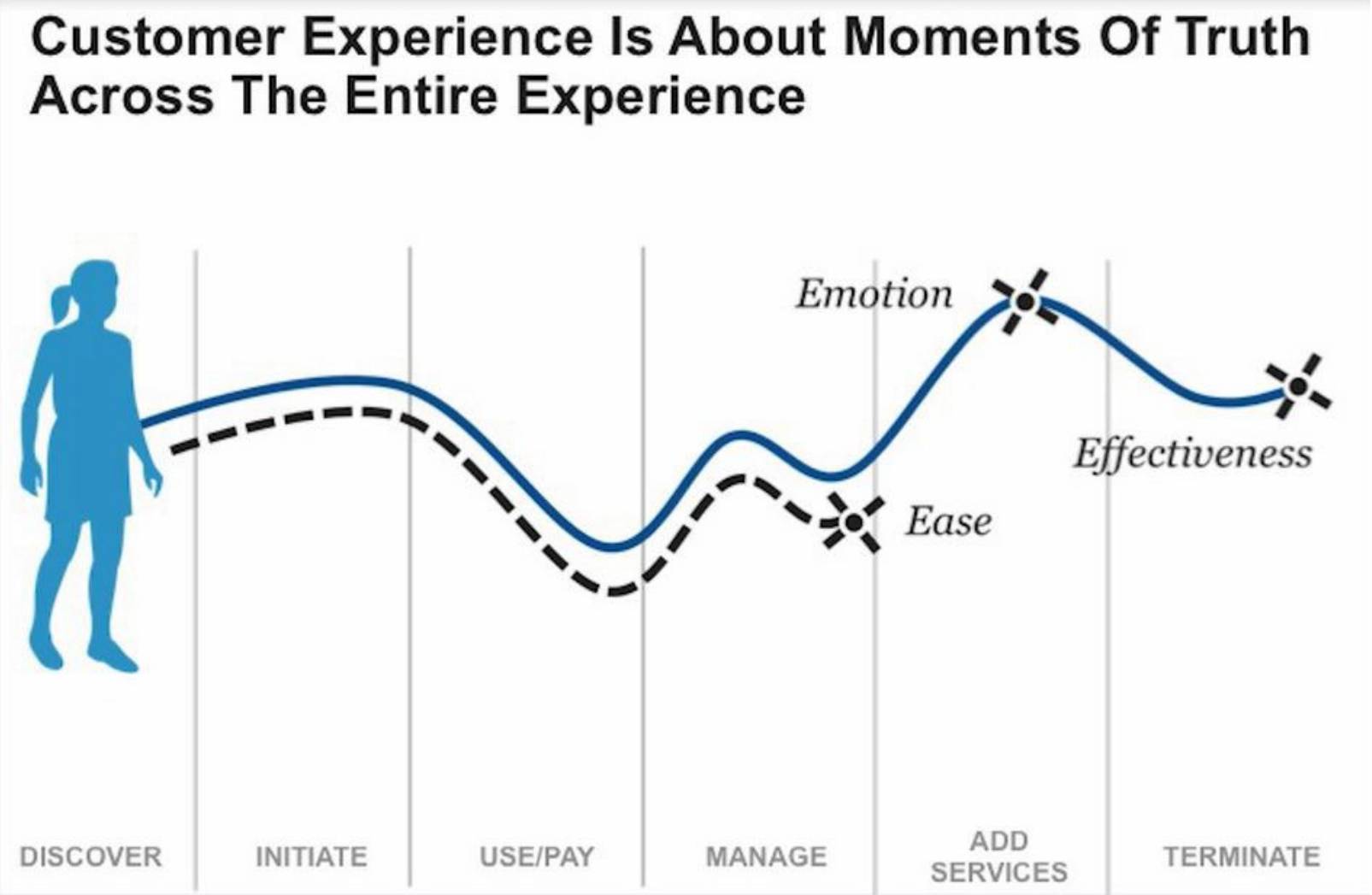
Sacramento Municipal Utility District
Learning Week Presentation
SMUD into the 21st Century
Jim Tracy
January 21, 2014
SMUD
Powering forward.
Together.

Video 1146

Video 1153

Sacramento Municipal Utility District
Frankie
McDermott's
All Hands Meeting
SMUD
Powering forward.
Together.

Video 1480


Customer Experience Is About Moments Of Truth Across The Entire Experience
Emotion
Effectiveness
Ease
DISCOVER
INITIATE
USE/PAY
MANAGE
ADD SERVICES
TERMINATE

Thank you for considering my recommendations

June 4, 2025 Rate Hearing Presentation

Steve Uhler

sau @ wwmpd.com

NOTICE OF SPECIAL MEETING AND AGENDA

SACRAMENTO MUNICIPAL UTILITY DISTRICT
BOARD OF DIRECTORS MEETING
SMUD HEADQUARTERS BUILDING
AUDITORIUM – 6201 S STREET
SACRAMENTO, CALIFORNIA

***Remote Telephonic Location*:**
Ritz Carlton Lake Tahoe
13031 Ritz-Carlton Highlands Ct.
Truckee, CA 96161

June 4, 2025 – 6:00 p.m.

Virtual Viewing or Attendance:
Live video streams (view-only) and indexed archives of meetings are available at: https://www.smud.org/Corporate/About-us/Company-Information/Board-Meetings/Watch-or-Listen-online

Zoom Webinar Link: Join SMUD Special Board of Directors Meeting Here
Webinar/Meeting ID: 161 328 2560
Passcode: 355640
Phone Dial-in Number: 1-669-254-5252 or 1-833-568-8864 (Toll Free)

Verbal Public Comment:
Members of the public may provide verbal public comment by:

- Completing a sign-up form at the table outside of the meeting room and giving it to SMUD Security.
- Using the "Raise Hand" feature in Zoom (or pressing *9 while dialed into the telephone/toll-free number) during the meeting at the time public comment is called. Microphones will be enabled for virtual or telephonic attendees when the commenter's name is announced.

Written Public Comment:
Members of the public may provide written public comment on a specific agenda item or on items not on the agenda (general public comment) by submitting comments via email to PublicComment@smud.org or by mailing or bringing physical copies to the meeting. Email is not monitored during the meeting. Comments will not be read into the record but will be provided to the Board and placed into the record of the meeting if received within two hours after the meeting ends.

Call to Order.
a. Roll Call.

1. Approval of the Agenda.

PUBLIC RATE HEARING:

2. Chief Executive Officer and General Manager's Report and Recommendation on Rates and Services (Volumes 1 & 2) dated March 20, 2025, and Chief Executive Officer and General Manager's Report and Recommendation on Open Access Transmission Tariff (Volume 1) dated March 20, 2025, together the "CEO & GM Reports."

* * * * * * *

Comments from the public are welcome when these agenda items are called.

Discussion Calendar:

3. Introduce draft rate resolutions to make changes to SMUD's Rates, Rules and Regulations and Open Access Transmission Tariff (OATT) proposed by the Chief Executive Officer and General Manager's Report and Recommendation on Rates and Services (Volumes 1 & 2) dated March 20, 2025, and the Chief Executive Officer and General Manager's Report and Recommendation on OATT (Volume 1) dated March 20, 2025, together the "CEO & GM Reports."

   Presenter: Alcides Hernandez

* * * * * * *

Public Comment:

4. Items not on the agenda.

* * * * * * *

Dated: May 28, 2025

Gregg Fishman, President
Board of Directors
Sacramento Municipal Utility District

Board Committee Meetings and Special Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

June 10, 2025	Strategic Development Committee and Special SMUD Board of Directors Meeting	Auditorium*	6:00 p.m.
June 11, 2025	Policy Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.
June 17, 2025	Finance and Audit Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.

* * * * * * *

Regular Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

June 19, 2025	Auditorium*	6:00 p.m.

The Auditorium is located in the lobby of the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

Members of the public shall have up to three (3) minutes to provide public comment on items on the agenda or items not on the agenda, but within the jurisdiction of SMUD. The total time allotted to any individual speaker shall not exceed nine (9) minutes.

Members of the public wishing to inspect public documents related to agenda items may click on the Information Packet link for this meeting on the smud.org website or may call 1-916-732-7143 to arrange for inspection of the documents at the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

ADA Accessibility Procedures: Upon request, SMUD will generally provide appropriate aids and services leading to effective communication for qualified persons with disabilities so that they can participate equally in this meeting. If you need a reasonable auxiliary aid or service for effective communication to participate, please email Toni.Stelling@smud.org, or contact by phone at 1-916-732-7143, no later than 48 hours before this meeting.

State of California

GOVERNMENT CODE

Section 54956

54956. (a) A special meeting may be called at any time by the presiding officer of the legislative body of a local agency, or by a majority of the members of the legislative body, by delivering written notice to each member of the legislative body and to each local newspaper of general circulation and radio or television station requesting notice in writing and posting a notice on the local agency's Internet Web site, if the local agency has one. The notice shall be delivered personally or by any other means and shall be received at least 24 hours before the time of the meeting as specified in the notice. The call and notice shall specify the time and place of the special meeting and the business to be transacted or discussed. No other business shall be considered at these meetings by the legislative body. The written notice may be dispensed with as to any member who at or prior to the time the meeting convenes files with the clerk or secretary of the legislative body a written waiver of notice. The waiver may be given by telegram. The written notice may also be dispensed with as to any member who is actually present at the meeting at the time it convenes.

The call and notice shall be posted at least 24 hours prior to the special meeting in a location that is freely accessible to members of the public.

(b) Notwithstanding any other law, a legislative body shall not call a special meeting regarding the salaries, salary schedules, or compensation paid in the form of fringe benefits, of a local agency executive, as defined in subdivision (d) of Section 3511.1. However, this subdivision does not apply to a local agency calling a special meeting to discuss the local agency's budget.

(c) For purposes of subdivision (a), the requirement that the agenda be posted on the local agency's Internet Web site, if the local agency has one, shall only apply to a legislative body that meets either of the following standards:

(1) A legislative body as that term is defined by subdivision (a) of Section 54952.

(2) A legislative body as that term is defined by subdivision (b) of Section 54952, if the members of the legislative body are compensated for their appearance, and if one or more of the members of the legislative body are also members of a legislative body as that term is defined by subdivision (a) of Section 54952.

(Amended by Stats. 2011, Ch. 692, Sec. 9. (AB 1344) Effective January 1, 2012.)

State of California

GOVERNMENT CODE

Section 54957.5

54957.5. (a) Agendas of public meetings are disclosable public records under the California Public Records Act (Division 10 (commencing with Section 7920.000) of Title 1), and shall be made available upon request without delay and in compliance with Section 54954.2 or Section 54956, as applicable. However, this section shall not apply to a writing, or portion thereof, that is exempt from public disclosure.

(b) (1) If a writing is a public record related to an agenda item for an open session of a regular meeting of the legislative body of a local agency and is distributed to all, or a majority of all, of the members of a legislative body of a local agency by a person in connection with a matter subject to discussion or consideration at an open meeting of the body less than 72 hours before that meeting, the writing shall be made available for public inspection pursuant to paragraph (2) at the time the writing is distributed to all, or a majority of all, of the members of the body.

(2) (A) Except as provided in subparagraph (B), a local agency shall comply with both of the following requirements:

(i) A local agency shall make any writing described in paragraph (1) available for public inspection at a public office or location that the agency shall designate for this purpose.

(ii) A local agency shall list the address of the office or location designated pursuant to clause (i) on the agendas for all meetings of the legislative body of that agency.

(B) A local agency shall not be required to comply with the requirements of subparagraph (A) if all of the following requirements are met:

(i) An initial staff report or similar document containing an executive summary and the staff recommendation, if any, relating to that agenda item is made available for public inspection at the office or location designated pursuant to clause (i) of subparagraph (A) at least 72 hours before the meeting.

(ii) The local agency immediately posts any writing described in paragraph (1) on the local agency's internet website in a position and manner that makes it clear that the writing relates to an agenda item for an upcoming meeting.

(iii) The local agency lists the web address of the local agency's internet website on the agendas for all meetings of the legislative body of that agency.

(iv) (I) Subject to subclause (II), the local agency makes physical copies available for public inspection, beginning the next regular business hours for the local agency, at the office or location designated pursuant to clause (i) of subparagraph (A).

(II) This clause is satisfied only if the next regular business hours of the local agency commence at least 24 hours before that meeting.

(c) Writings that are public records described in subdivision (b) and distributed during a public meeting shall be made available for public inspection at the meeting if prepared by the local agency or a member of its legislative body, or after the meeting if prepared by some other person. These writings shall be made available in appropriate alternative formats upon request by a person with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof.

(d) This chapter shall not be construed to prevent the legislative body of a local agency from charging a fee or deposit for a copy of a public record pursuant to Section 7922.530, except that a surcharge shall not be imposed on persons with disabilities in violation of Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof.

(e) This section shall not be construed to limit or delay the public's right to inspect or obtain a copy of any record required to be disclosed under the requirements of the California Public Records Act (Division 10 (commencing with Section 7920.000) of Title 1), including, but not limited to, the ability of the public to inspect public records pursuant to Section 7922.525 and obtain copies of public records pursuant to either subdivision (b) of Section 7922.530 or Section 7922.535. This chapter shall not be construed to require a legislative body of a local agency to place any paid advertisement or any other paid notice in any publication.

(Amended (as amended by Stats. 2021, Ch. 615, Sec. 208) by Stats. 2022, Ch. 971, Sec. 1. (AB 2647) Effective January 1, 2023.)

State of California

PUBLIC UTILITIES CODE

Section 14403

14403. Before the board adopts any change in rates and charges for commodities or services furnished by an electricity district intended to increase or decrease revenues, the general manager shall file with the board a report and recommendation on the proposed changes in writing. Within 90 days, but not less than 30 days after the report is filed, except when unanticipated events cause a sudden and significant change in the electricity district's financial condition requiring an immediate response, the board shall hold a hearing on the report and recommendation. Notice of the time and place of the hearing shall be published within the district pursuant to Section 6063 of the Government Code, except that, in the case of an unanticipated event requiring an immediate response, notice may be given pursuant to Section 6063a of the Government Code.

(Added by Stats. 1986, Ch. 1396, Sec. 4.)

State of California

PUBLIC UTILITIES CODE

Section 14403.5

14403.5. At the hearing held pursuant to Section 14403, the board shall do both of the following:

(a) Permit any member of the public who has given 10 days advance written notice to present nonduplicative testimony on the proposed rate change or on any alternatives.

(b) Consider any report and recommendations submitted in writing by any member of the public on alternatives to the rate changes proposed by the general manager.

(Added by Stats. 1986, Ch. 1396, Sec. 6.)

EXHIBIT 4

From: Steve Uhler
To: Gregg Fishman; Public Comment
Cc: Laura Lewis; PRA
Subject: [EXTERNAL] Steve Uhler amended June 4, 2025 SMUD Rate Hearing presentation
Date: Wednesday, June 4, 2025 8:20:42 AM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Please replace my June 4, 2025 SMUD Rate Hearing presentation with the attached "Steve Uhler's Alternate Rates and Recommendations-amended.ppt".

Steve Uhler
sau@wwmpd.com

Steve Uhler's report and recommendations

Path to equitable rates

June 4, 2025 Rate Hearing

Brown Act and PUC 14403.5(b)

- This written recommendation has been submitted pursuant to PUC 14403.5(b)
- The SMUD Board is required to consider this recommendation at a hearing pursuant to PUC 14403.5
- Board quorum is four members
- The special meeting agenda does not list this recommendation as a item for discussion
- Brown Act GOV 54956 prohibits consideration of business not listed on the agenda
- Action will be taken at this special meeting

Do any board members object to proceeding?

- Provide informed consent to proceed, Ask SMUD General Counsel about:
- Risks of a board quorum discussing business not listed on a special board meeting agenda (GOV 54956)
- Risks of depriving the public of information to which the member knows or has reason to know the public is entitled (GOV 54859)
- Pause slide for more time to respond

Are the videos available to all?

- Did each board member watch all videos? answer for the record
- Did the public have access to all videos? answer for the record
- Pause slide for more time to respond

Path to equitable rates

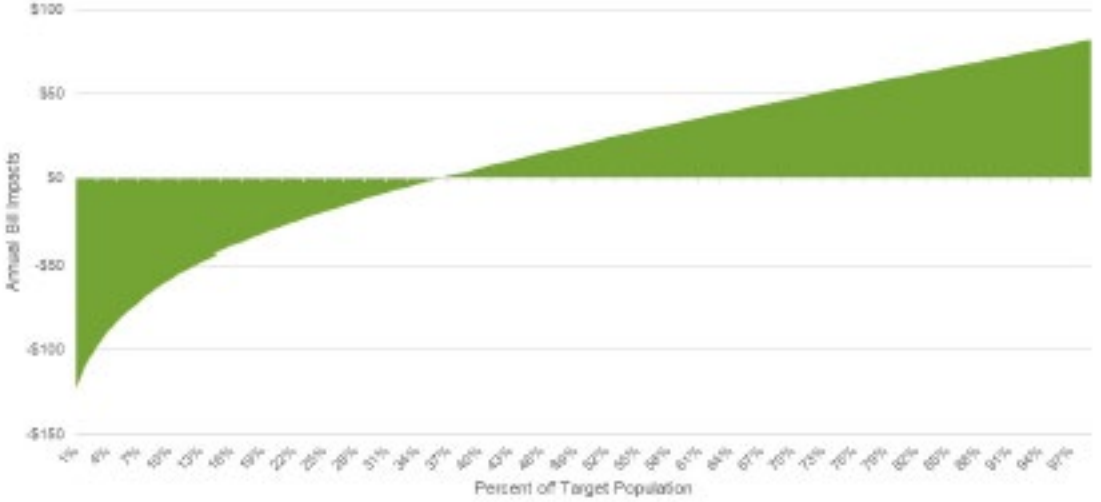
- Better metering (Power Factor)
- Improved efficiency (Loading Order)
- Less cost shifting (Equitable Rates)
- Better Material Resource Planning (MRP)
- The Deming Prize (Quality Award)
- Create a standing committee for process improvement (Take Action)

Better metering (Power Factor)

- Electricity becomes a product "in the stream of commerce" at the utility meter
- Fong v. Pacific Gas & Electric Co. (1988) set in to law where electricity becomes a product
- Charging only for kilowatts overlooks power factor (PF) losses, requiring cost shifting in rates
- SMUD is installing 200,000 Itron Gen5 Riva meters for residential customer owners that measure PF by early 2026

Improved efficiency (Loading Order)

- Loading order places efficiency above adding any new generation to the grid
- Rates that cost shift hide efficiency losses
- SMUD's low use rate design is unstable with large differences within the customer type



Less cost shifting (Equitable Rates)

- Charging for power factor (PF) losses will reduce cost shifting
- PF of 1 (unity) is best
- Customers inductive loads cause PF losses
- Appliances such as refrigerators, washing machines, swimming pool pumps are some of the higher PF losses
- Cost for part of these PF losses are shifted to customers who chose appliances with PF that are closer to unity

Better Material Resource Planning (MRP)

- Replace SMUD costly resource planning system
- It should not cost $408 to find out how many residential customers have meters that record power factor (PF)
- SMUD staff appear unable to answer questions from the public on customer types directly related to the general manager's (GM) rate report
- Detailed customer type data should appear in GM report for each customer type [PUC 14403.3(b), 739.13(c)(2), and 740.16(d)]

The Deming Prize (Quality Award)

- The Deming Prize is the longest running national quality award and one of the highest awards in the world
- It was established in 1951 to honor W. Edwards Deming who contributed greatly to Japan's proliferation of statistical quality control after World War II
- Back in 1989 Florida Power & Light became the first non-Japanese winner of the award

Create a standing committee for process improvement (Take Action)

- I request the SMUD Board take action to create a standing committee to endeavor to receive a Deming Prize Award as Florida Power and Light achieved
- The SMUD Board has been provided with URLs taken from the SMUD Board's Video Library
- These videos tell a story pointing to the need to change culture at SMUD to stay competitive, and continue to be trusted by SMUD customer owners

Video 1086

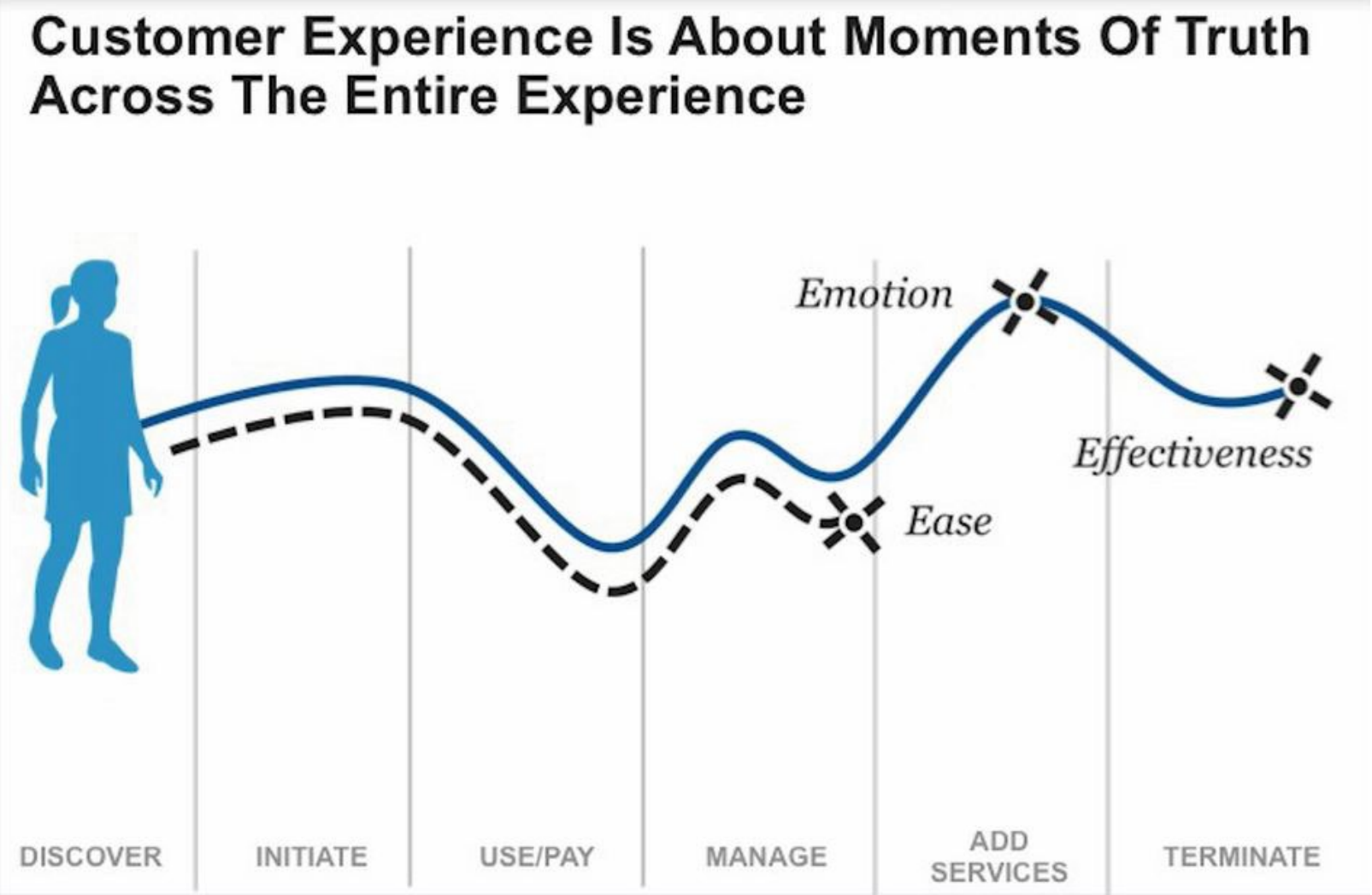
Sacramento Municipal Utility District
Learning Week Presentation
SMUD into the 21st Century
Jim Tracy
January 21, 2014
SMUD
Powering forward.
Together.

Video 1146

Video 1153

Sacramento Municipal Utility District
Frankie
McDermott's
All Hands Meeting
SMUD
Powering forward.
Together.

Video 1480


Customer Experience Is About Moments Of Truth Across The Entire Experience
Emotion
Effectiveness
Ease
DISCOVER
INITIATE
USE/PAY
MANAGE
ADD SERVICES
TERMINATE

Thank you for considering my recommendations

June 4, 2025 Rate Hearing Presentation

Steve Uhler

sau @ wwmpd.com

EXHIBIT 5

From: Steve Uhler
To: Public Comment
Cc: Laura Lewis; PRA; Toni Stelling
Subject: [EXTERNAL] Re: Steve Uhler amended June 4, 2025 SMUD Rate Hearing presentation
Date: Wednesday, June 4, 2025 3:19:00 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

I was just on the board meeting website.

My presentation does not identify that it was amended.

How will the public be noticed of the change in my presentation?

Steve Uhler
sau@wwmpd.com

On 6/4/2025 11:22 AM, Public Comment wrote:
> Thank you for your submission. Your submission has been provided to the Board and posted on http://smud.org .
>
> Thank you,
> Toni Stelling
> Executive Assistant - Paralegal, Executive Office
> w.916-732-7143 | f.916-732-6581 | toni.stelling@smud.org
>
> We're committed to 100% zero carbon by 2030 | Join the charge at https://urldefense.com/v3/__http://CleanPowerCity.org__;!!B5ObAA!Dw8yiRLfr0RS0cIXUqXrRscxj8mo-I11oj5k1a4m8T-cxSO-DWceS4R8FkvVO_JrJMplWUgbaNhAYg$
>
> SMUD | Powering forward. Together.
> 6201 S Street, Mail Stop B308, Sacramento, CA 95817
> P.O. Box 15830, Mail Stop B308, Sacramento, CA 95852-0830
>
> Confidentiality Notice: The information in this email is for the intended recipient(s) alone. It may have confidential information or information protected by the attorney-client privilege, attorney work product doctrine, or other privilege. If you are not an intended recipient, do not copy, distribute or take any action that relies on it. Instead, notify me immediately by reply email, and then destroy this email.
>
> -----Original Message-----
> From: Steve Uhler <sau@wwmpd.com>
> Sent: Wednesday, June 4, 2025 8:16 AM
> To: Gregg Fishman <gbfishman@gmail.com>; Public Comment <PublicComment@smud.org>
> Cc: Laura Lewis <Laura.Lewis@smud.org>; PRA <pra@smud.org>
> Subject: [EXTERNAL] Steve Uhler amended June 4, 2025 SMUD Rate Hearing presentation
>
> CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.
>
>
> Hello,
>

> Please replace my June 4, 2025 SMUD Rate Hearing presentation with the attached "Steve Uhler's Alternate Rates and Recommendations-amended.ppt".
>
> Steve Uhler
> sau@wwmpd.com

EXHIBIT 6

From:	Steve Uhler
To:	Gregg Fishman; Public Comment
Cc:	Laura Lewis; PRA
Subject:	[EXTERNAL] Re: Please describe how the matter of considering my rate proposal will be called if it is not listed as a item of business on the agenda.
Date:	Wednesday, June 4, 2025 4:04:48 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for agenda item 2

Hello President Fishman,

When you said "We will consider our staff proposal and yours", who is the "We"? Is it the Board?

Also you said "Our agenda has a slot for public comment on items on the agenda.". Are you saying, at a special meeting, The Board can discuss a PUC 14403.5(b) written matter from the public unrelated to the agenda item 2 for the rate changes proposed by the general manager?

If so I am looking forward to the Board resolving the issue of me not being listing separately on the agenda, re my agenda request, the issue of the public's access to the videos in the Board's Video Library by blocking access to previously disclosed video records. These are primary matters on my alternatives to the rate changes proposed by the general manager, the rest could be done by a motion to committee.

Steve Uhler
sau@wwmpd.com

On 6/3/2025 3:11 PM, Gregg Fishman wrote:

> Mr. Uhler,
> Our agenda has a slot for public comment on items on the agenda. We usually give people 3 minutes. You asked for 10, and we granted that.
> I will call you to the podium at that time and your ten minutes will begin.
>
> Our Board will not take final action on Wednesday. We will consider our staff proposal and yours, and any other alternatives that may be offered. We may, after the presentations and due consideration, decide to place a rate proposal on the agenda for the June 19 regular Board meeting.
>
> If we do that, it would be with the goal of giving final approval to that proposal at the June 19 meeting.
>
> Gregg Fishman
> SMUD Board President
> Ward 3

On Tue, Jun 3, 2025 at 2:40 PM Steve Uhler <sau@wwmpd.com> wrote:

> Hello Laura Lewis,
>
> Please describe how the matter of considering my rate proposal will be
> called if it is not listed as a item of business on the agenda.
>
> How will the public know my proposal is a separate matter for consideration?
>
> Will the public be allowed to address the board the matter of considering my rate proposal and SMUD staff's proposal separately?
>
> My proposal requests the board take action, how will debate be closed
> and action taken?
>
> Steve Uhler
> sau@wwmpd.com

EXHIBIT 7

From: Steve Uhler
To: Laura Lewis; Gregg Fishman; Public Comment
Cc: PRA
Subject: [EXTERNAL] Re: Please describe how the matter of considering my rate proposal will be called if it is not listed as a item of business on the agenda.
Date: Wednesday, June 4, 2025 5:12:43 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Agenda Item 2 comment

Hello Laura Lewis,

I am not required to present my written alternatives to the rate changes proposed by the general manager to the Board.

Perhaps you have overlooked, PUC 14403.5(b) is a separate provision from PUC 14403.5(a), re "both" are provided to the public. As such only the Board is given a requirement, and that is to consider my written alternatives to the rate changes proposed by the general manager pursuant to PUC 14403.5(b).

Yes President Fishman has given me ten minutes, I will use that time for my right under PUC 14403.5(a) per ordinance 15-1.

I look forward to hearing the Board's consideration of my written alternatives to the rate changes proposed by the general manager.

I may then decide to use my ten minutes for my right under PUC 14403.5(a) per ordinance 15-1.

As to the links, they work when not blocked by SMUD.

Steve Uhler
sau@wwmpd.com

On 6/4/2025 4:21 PM, Laura Lewis wrote:

> Mr. Uhler,
>
> As in past rate proceedings, you will have an opportunity to present your alternative rate proposal for up to 10 minutes after the staff makes its presentation. President Fishman will call you up to the podium. During the public hearing, the Board may discuss your proposal, as well as the Staff proposal. Please note that we will not be stopping the clock during your presentation to answer the questions that you raised. If the Board wishes to respond to your questions, they may do so or they may direct staff to respond.

We received the videos that you sent but the links do not work and we cannot access the content.

We look forward to seeing you tonight.

From: Steve Uhler <sau@wwmpd.com>
Sent: Tuesday, June 3, 2025 8:07 PM
To: Gregg Fishman <gbfishman@gmail.com>; Public Comment <PublicComment@smud.org>
Cc: Laura Lewis <Laura.Lewis@smud.org>; PRA <pra@smud.org>
Subject: [EXTERNAL] Re: Please describe how the matter of considering my rate proposal will be called if it is not listed as a item of business on the agenda.

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello SMUD Board President Gregg Fishman,

Thanks for explaining the process for the hearing.

Please consider this and all my other emails and SMUD staff replies for the rate hearing, written comment submitted for the record pursuant to the agenda written public comment procedure for the June 4, 2025 special Board meeting for agenda item 2.

I trust you have watched the SMUD Board's Video Library videos and notified the other board members that I have incorporated the videos in my proposal by reference:

https://smud.granicus.com/player/clip/1086

https://smud.granicus.com/player/clip/1146

https://smud.granicus.com/player/clip/1153

https://smud.granicus.com/player/clip/1480

Video 1146 has been removed from the library since I notified the Board of including the videos in my proposal. I believe there is another copy of video 1146

under a different name still in the library.

Will all of the videos be made available by the SMUD Board to the public at some point pursuant to 54957.5 GOV-CHAPTER 9. Meetings 54950-54963?

If not, does the SMUD Board object to me uploading the videos I have referenced in my email submissions for the rate hearing, to the internet for public access?

If I am unavailable to participate in the June 4, 2025 meeting. You can consider my written proposal without me at the hearing, as the Board shall do pursuant to 14403.5.(b) PUC-CHAPTER 11.5. Hearings 14401-14403.5wish to utilize my 10 minutes under 14403.5.(a) PUC-CHAPTER 11.5. Hearings 14401-14403.5 for the June 4, 2025 meeting for my proposal presentation. The presentation is set to auto advance, ~6 minutes, feel free to advance slides when fully read at the hearing.

Your staff should be able to answer questions about my presentation, such as why it costs over $400 to know how many residential customer's have meters that measure and store the result of their reactive power, how the low use customer type affects EV customer types, why these two de facto customer types are not considered customer types, and other questions the Board may have about things that were said in the videos that could cause inequitable rates.

Also you can do web searches for other things like Deming Prize, Florida Power and Light, Fong v. PG&E(1988) I believe Fong will have a big effect on SMUD and its renewable credit claims, power factor, loading order, and others in my presentation. All of which affect and will affect SMUD's rates.

Please see that other members of the public see my proposal presentation and hear the Board's consideration, prior to their making comment on item 2 of the agenda for the June 4, 2025 meeting.

I will be waiting to read the transcript as to the Board's actions I have requested in the attached presentation, and why the videos were not made available to the public.

Steve Uhler
sau@wwmpd.com

On 6/3/2025 3:11 PM, Gregg Fishman wrote:

> Mr. Uhler,
>
> Our agenda has a slot for public comment on items on the agenda.
> We usually give people 3 minutes. You asked for 10, and we granted
> that.
>
> I will call you to the podium at that time and your ten minutes will
> begin.

Our Board will not take final action on Wednesday. We will consider our staff proposal and yours, and any other alternatives that may be offered. We may, after the presentations and due consideration, decide to place a rate proposal on the agenda for the June 19 regular Board meeting.

If we do that, it would be with the goal of giving final approval to that proposal at the June 19 meeting.

Gregg Fishman

SMUD Board President

Ward 3

On Tue, Jun 3, 2025 at 2:40 PM Steve Uhler <sau@wwmpd.com> wrote:

> Hello Laura Lewis,
>
> Please describe how the matter of considering my rate proposal will be
> called if it is not listed as a item of business on the agenda.
>
> How will the public know my proposal is a separate matter for consideration?
>
> Will the public be allowed to address the board the matter of
> considering my rate proposal and SMUD staff's proposal separately?
>
> My proposal requests the board take action, how will debate be closed
> and action taken?

Steve Uhler
sau@wwmpd.com

EXHIBIT 8

From:	Steve Uhler
To:	Gregg Fishman
Cc:	Public Comment; Laura Lewis; PRA
Subject:	[EXTERNAL] Re: Please describe how the matter of considering my rate proposal will be called if it is not listed as a item of business on the agenda.
Date:	Wednesday, June 4, 2025 5:17:56 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for agenda item 2

President Fishman,

I am not required to present my written alternatives to the rate changes proposed by the general manager to the SMUD Board.

The SMUD Board is required to consider my written alternatives to the rate changes proposed by the general manager.

Steve Uhler
sau@wwmpd.com

On 6/4/2025 4:32 PM, Gregg Fishman wrote:

> Mr. Uhler,
> Yes, I was referring to the Board when I said "we" can discuss various rate proposals.
>
> Regarding the agenda--as I have already explained to you, your presentation is covered under the existing agenda. The Board can discuss your proposal under that item if we choose to do so.
> And finally, Mr. Uhler, as our General Counsel has explained, We have given you ten minutes to make your presentation. You may use those minutes as you see fit, but the clock will not stop for discussion about our meeting process, or any other issues you may choose to bring up.
>
> You have ten minutes.
>
> Gregg Fishman
> President, SMUD Board of Directors,
> Ward 3
>
> On Wed, Jun 4, 2025 at 4:04 PM Steve Uhler <sau@wwmpd.com> wrote:
>
> > Comment for agenda item 2

Hello President Fishman,

When you said "We will consider our staff proposal and yours", who is the "We"? Is it the Board?

Also you said "Our agenda has a slot for public comment on items on the agenda.". Are you saying, at a special meeting, The Board can discuss a PUC 14403.5(b) written matter from the public unrelated to the agenda item 2 for the rate changes proposed by the general manager?

If so I am looking forward to the Board resolving the issue of me not being listing separately on the agenda, re my agenda request, the issue of the public's access to the videos in the Board's Video Library by blocking access to previously disclosed video records. These are primary matters on my alternatives to the rate changes proposed by the general manager, the rest could be done by a motion to committee.

Steve Uhler
sau@wwmpd.com

On 6/3/2025 3:11 PM, Gregg Fishman wrote:

> Mr. Uhler,
> Our agenda has a slot for public comment on items on the agenda. We usually give people 3 minutes. You asked for 10, and we granted that.
> I will call you to the podium at that time and your ten minutes will begin.
>
> Our Board will not take final action on Wednesday. We will consider our staff proposal and yours, and any other alternatives that may be offered. We may, after the presentations and due consideration, decide to place a rate proposal on the agenda for the June 19 regular Board meeting.
>
> If we do that, it would be with the goal of giving final approval to that proposal at the June 19 meeting.
>
> Gregg Fishman
> SMUD Board President
> Ward 3

On Tue, Jun 3, 2025 at 2:40 PM Steve Uhler <sau@wwmpd.com> wrote:

> Hello Laura Lewis,
>
> Please describe how the matter of considering my rate proposal will be called if it is not listed as a item of business on the agenda.
>
> How will the public know my proposal is a separate matter for consideration?
>
> Will the public be allowed to address the board the matter of considering my rate proposal and SMUD staff's proposal separately?
>
> My proposal requests the board take action, how will debate be closed and action taken?
>
> Steve Uhler
> sau@wwmpd.com

EXHIBIT 9

From:	Steve Uhler
To:	Public Comment; Gregg Fishman
Cc:	PRA; Laura Lewis
Subject:	[EXTERNAL] For the record for item 2 of SMUD"s June 4, 2025 Rate Hearing I believe SMUD Board President Gregg Fishman tried to use my right to comment in a unlawful manner
Date:	Wednesday, June 4, 2025 7:40:18 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for item 3 of SMUD's June 4, 2025 special board meeting

For the record for item 2 of SMUD's June 4, 2025 Rate Hearing I believe SMUD Board President Gregg Fishman tried to use my right to comment in a unlawful manner to then allow a matter of business to be considered that was not listed on the agenda for the meeting.

None of my verbal testimony was duplicative of my written alternatives to the rate changes proposed by the general manager.

Steve Uhler
sau@wwmpd.com

EXHIBIT 10

From: Steve Uhler
To: Public Comment
Cc: PRA; Gregg Fishman
Subject: [EXTERNAL] Itron Gen5 Riva meters are very smart, comment for June 4, 2025 SMUD Rate hearing
Date: Wednesday, June 4, 2025 8:55:41 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Itron Gen5 Riva meters are very smart, comment for June 4, 2025 SMUD Rate hearing.

Hello Board,

Did you know that the new Gen5 Riva meters are so much smarter than the Landis meters.

Landis meter never made it beyond the 4th grade as far as math, and is a poor communicator, a bit loud at times.

Gen5 Riva has a masters in business and engineering, and speaks softly in more languages.

It could replace your billing system department, and your Rates department.

No wonder SMUD staff don't promote the Gen5 Riva.

See attached PDF.

Steve Uhler
sau@wwmpd.com

Gen™5 Riva Meter

The Gen5 Riva Meter combines robust singlephase electric smart metering functionality with innovative distributed intelligence (DI) edge computing capability on Itron's Gen5 industrial IoT (IIoT) network. This unique feature enables a new approach to AMI, consumer engagement, grid operations, smart city applications and more – from every single meter.

In addition to providing full smart meter functionality, each Gen5 Riva Meter is embedded with robust DI capability that processes and analyzes data in real time at the edge to provide insights to more accurately control and manage the grid. Harness a unified, intelligently connected network platform with DI to unlock new applications in smart energy, water and communities.

Itron's DI platform utilizes an app store model, similar to a smart phone. This ensures rapid, continuous innovation, choice, and new value across a broad ecosystem of apps from multiple vendors. This model offers significant ROI improvements along with the ability to easily add additional smart utility and city use cases as business needs evolve.

FEATURES AND BENEFITS

Flexible Two-Way Communications

- Execute all supported meter reading, configuration update and firmware download functionality
- Customize targeted meter firmware updates
- Support on-demand readings from the meter
- Bi-directional Distributed Intelligence applications

Upgradable Firmware

- Customize firmware upgrades with the ability to automatically roll-back if activation fails
- Create multiple firmware images including primary and pending

Bi-Directional Metering

- Store received and delivered data metrics in the meter
- Support customers who own renewable energy facilities or participate in vehicle to grid systems with real-time data being sent back to the utility

FEATURES AND BENEFITS CONTINUED

Energy Quantities

» Watt hours (Wh): delivered, received, unidirectional, net

» Volt-ampere hours (VAh): delivered, received, net

» Volt-ampere reactive (VARh): delivered, received, net, Q1, Q2, Q3, Q4

Automated Meter Reading

» Receive and transmit meter billing data including interval data, register reads

» Transmit recorded events and exceptions with each interval to the head-end software, which interprets them and logs appropriate messages (such as time adjustments)

Demand Measurement

» Max Watts Delivered, Received, Net, and Uni-directional

» Max VA Delivered, Received

» Max VAR Delivered, Received, Net, Q1, Q2, Q3, Q4

» Min Power Factor Delivered, Received

Real-Time Meter Event and Alarm Retrieval

» Automated alarms received by the head-end system via e-mail to a specific user or group of users

» Automated data and alarms deliverable from DI applications

Remote Disconnect/Reconnect

» Support integrated disconnect switch

» Perform remote disconnects/reconnects through the system

Integration & Installation

» Fully integrated solution under-the-cover allows for plug and play installation in the field

» Shipped from the factory as one complete unit, ready for field deployment

Technical Data

Meets applicable standards:

» ANSI C12.1 – 2008 (American National Standard for Electricity Meters – Code for Electricity Metering)

» ANSI C12.20 – 2010 (American National Standard for Electricity Meters – 0.2 and 0.5 Accuracy Classes)

» ANSI/IEEE C62.45 – 2002 (Guide to Surge Testing on Low-Voltage AC Power Circuits)

» ANSI MH 10.8 – 2005 Specification for Bar Code

» ANSI ASQZ 1.4 – 2008 Sampling Procedures and Tables for Inspection by Attributes

» IEC 61000-4-2 2008

» IEC 61000-4-4 2012

» IEEE C37.90.1 – 2004 SWC Surge Testing

» IEEE C62.45 Recommended Practice on Surge Testing for Equipment Connected to Low Voltage (1000V or less) AC Power Circuits C62.45 2002

» NEMA SG-AMI 1 – 2009 Requirements for AMI Meter Upgradeability

» UL 2735

Radio Specifications

» Radio Output Power: 1W

Profiles

» Supports three independent profiles:

- Load Profile – 16 channels and programmable to support 5, 10, 15, 30 or 60-minute intervals
- Instrumentation Profile – 16 channels and programmable to support 5, 10, 15, 30 or 60-minute intervals
- Voltage Profile – 16 channels and programmable to support 5, 10, 15, 30 or 60-minute intervals

Distributed Intelligence Data

» Voltage and current waveforms
» Sub-second RMS voltages and currents
» Per second directional per phase Wh,

VARh

» Per second directional per phase W, VAR
» Per second per phase VAh, VA
» Per second temperature

Time of Use

» 8 rates plus Total
  • 25-year DST calendar
  • 50 Holidays/Special days

Arc Detection

» Meters support the ability to detect micro-arcing at the meter socket

Power Outage Notification (PON)

» Standard – 25 second hold up (10 second momentary filter + 15 second transmit window). Meter transmits only its own PONs during 15s window.
» Extended Last Gasp – 75 second hold up (60 second momentary filter + 15 second receive/transmit window). Meter transmits its own PON and receives/transmits neighboring PONs during 15s window.

Product Availability

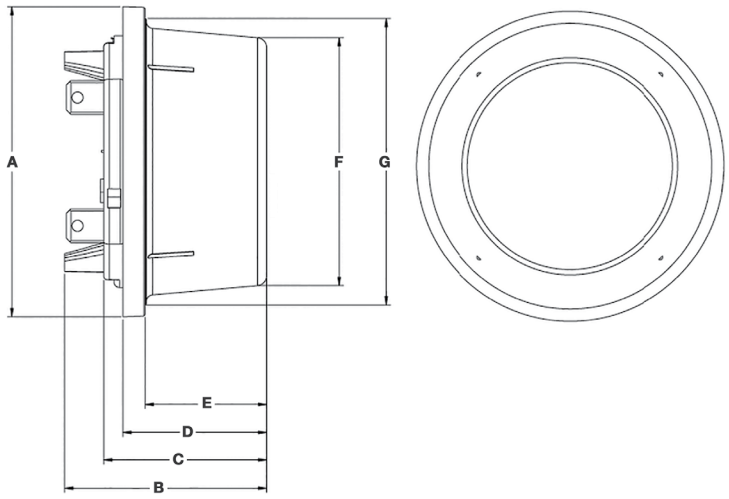
Meter Form	Volt Service	Meter Class	Test Amps	Register Description
1S	120v	200	30	Gen5 RF with or without Disconnect
2S	240v	200	30	Gen5 RF with or without Disconnect
12S	120v	200	30	Gen5 RF with or without Disconnect
25S	120v	200	30	Gen5 RF with or without Disconnect
2S	240v	320	50	Gen5 RF without Disconnect
12S	120v	320	50	Gen5 RF without Disconnect
25S	120v	320	50	Gen5 RF without Disconnect

Specifications

Power Requirements	Voltage Rating: 120V, 240V Operating Voltage: ± 20% (60Hz) Frequency: 60Hz (±3Hz) Battery Voltage: 3.6 V nominal
Operating Environment	Temperature: -40° to +85°C Humidity: 0% to 95% relative humidity
Transient/Surge Suppression	IEC 61000-4-4-2004-07 ANSI C62.45-2002
Accuracy	ANSI C12.20 0.5 accuracy class
General	Energy calculation: Bi-directional (Wh, VAh, VARh and VARh Q1-Q4))
Time Reference When Off Network	Network sync: Network time Line sync: Power line frequency Crystal sync
Display	Eight-digit liquid crystal display Six-digit data height: 10.16 mm Annunciator height: 2.24 mm Display duration: 1-15 seconds Two-digit code number height: 6.01 mm Four-segment electronic load emulator
Operating System	Linux
IP Rating	54

Dimensions

A	B	C	D	E	F	G
6.95”	5.27”	4.34”	3.97”	3.47”	5.68”	6.30”
17.66 cm	13.39 cm	11.02 cm	10.08 cm	8.82 cm	14.43 cm	16 cm



Join us in creating a more **resourceful world**.
To learn more visit **itron.com**

While Itron strives to make the content of its marketing materials as timely and accurate as possible, Itron makes no claims, promises, or guarantees about the accuracy, completeness, or adequacy of, and expressly disclaims liability for errors and omissions in, such materials. No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, and fitness for a particular purpose, is given with respect to the content of these marketing materials. ITRON is a registered trademark of Itron, Inc. © Copyright 2022 Itron. All rights reserved. **101763SP-03 02/22**

CORPORATE HQ
2111 North Molter Road
Liberty Lake, WA 99019 USA
Phone: 1.800.635.5461
Fax: 1.509.891.3355

EXHIBIT 11

From:	Steve Uhler
To:	Gregg Fishman; Public Comment
Cc:	PRA; Laura Lewis
Subject:	[EXTERNAL] Did I miss something President Gregg Fishman, I did not hear you call the question on the action I requested, comment for June 4, 2025 SMUD Rate hearing
Date:	Wednesday, June 4, 2025 9:04:10 PM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Did I miss something President Gregg Fishman, I did not hear you call the question on the action I requested, comment for June 4, 2025 SMUD Rate hearing.

Hello SMUD Board President Gregg Fishman.

Did you call the question on my alternate rate proposal closing debate?

I guess I'll have to wait for the transcript.

Steve Uhler
sau@wwmpd.com

Steve Uhler's report and recommendations

Path to equitable rates

June 4, 2025 Rate Hearing

Brown Act and PUC 14403.5(b)

- This written recommendation has been submitted pursuant to PUC 14403.5(b)
- The SMUD Board is required to consider this recommendation at a hearing pursuant to PUC 14403.5
- Board quorum is four members
- The special meeting agenda does not list this recommendation as a item for discussion
- Brown Act GOV 54956 prohibits consideration of business not listed on the agenda
- Action will be taken at this special meeting

Do any board members object to proceeding?

- Provide informed consent to proceed, Ask SMUD General Counsel about:
- Risks of a board quorum discussing business not listed on a special board meeting agenda (GOV 54956)
- Risks of depriving the public of information to which the member knows or has reason to know the public is entitled (GOV 54859)
- Pause slide for more time to respond

Are the videos available to all?

- Did each board member watch all videos? answer for the record
- Did the public have access to all videos? answer for the record
- Pause slide for more time to respond

Path to equitable rates

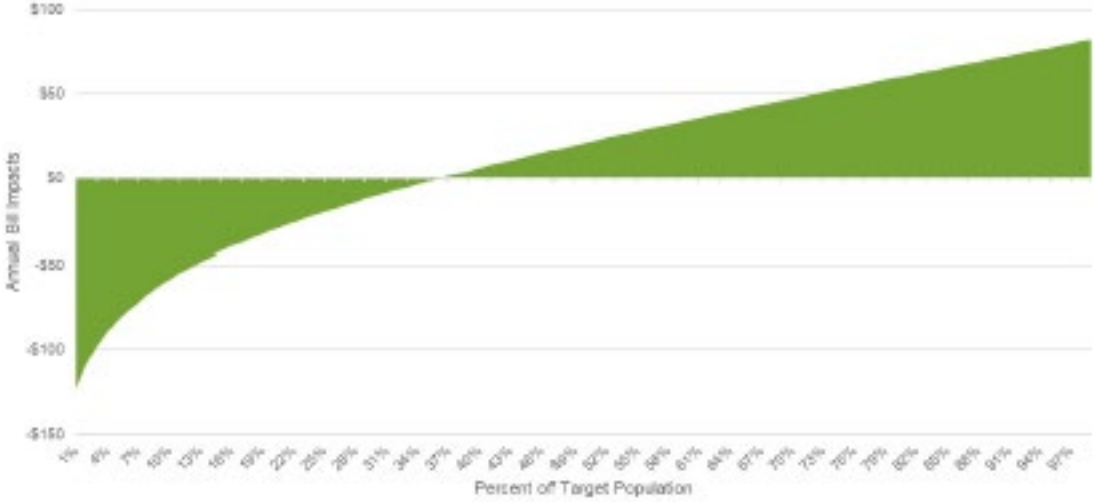
- Better metering (Power Factor)
- Improved efficiency (Loading Order)
- Less cost shifting (Equitable Rates)
- Better Material Resource Planning (MRP)
- The Deming Prize (Quality Award)
- Create a standing committee for process improvement (Take Action)

Better metering (Power Factor)

- Electricity becomes a product "in the stream of commerce" at the utility meter
- Fong v. Pacific Gas & Electric Co. (1988) set in to law where electricity becomes a product
- Charging only for kilowatts overlooks power factor (PF) losses, requiring cost shifting in rates
- SMUD is installing 200,000 Itron Gen5 Riva meters for residential customer owners that measure PF by early 2026

Improved efficiency (Loading Order)

- Loading order places efficiency above adding any new generation to the grid
- Rates that cost shift hide efficiency losses
- SMUD's low use rate design is unstable with large differences within the customer type



Less cost shifting (Equitable Rates)

- Charging for power factor (PF) losses will reduce cost shifting
- PF of 1 (unity) is best
- Customers inductive loads cause PF losses
- Appliances such as refrigerators, washing machines, swimming pool pumps are some of the higher PF losses
- Cost for part of these PF losses are shifted to customers who chose appliances with PF that are closer to unity

Better Material Resource Planning (MRP)

- Replace SMUD costly resource planning system
- It should not cost $408 to find out how many residential customers have meters that record power factor (PF)
- SMUD staff appear unable to answer questions from the public on customer types directly related to the general manager's (GM) rate report
- Detailed customer type data should appear in GM report for each customer type [PUC 14403.3(b), 739.13(c)(2), and 740.16(d)]

The Deming Prize (Quality Award)

- The Deming Prize is the longest running national quality award and one of the highest awards in the world
- It was established in 1951 to honor W. Edwards Deming who contributed greatly to Japan's proliferation of statistical quality control after World War II
- Back in 1989 Florida Power & Light became the first non-Japanese winner of the award

Create a standing committee for process improvement (Take Action)

- I request the SMUD Board take action to create a standing committee to endeavor to receive a Deming Prize Award as Florida Power and Light achieved
- The SMUD Board has been provided with URLs taken from the SMUD Board's Video Library
- These videos tell a story pointing to the need to change culture at SMUD to stay competitive, and continue to be trusted by SMUD customer owners

Video 1086

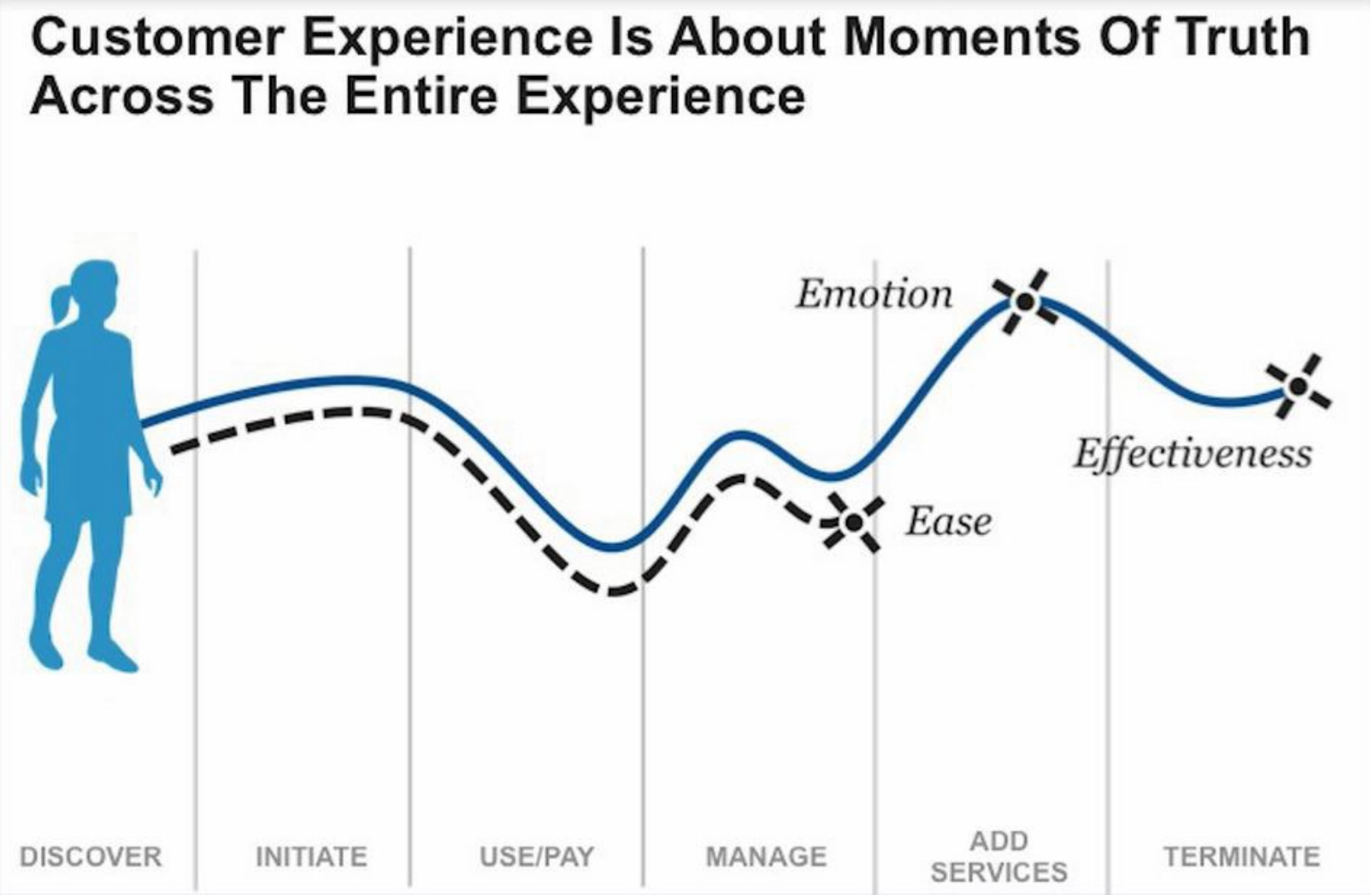
Sacramento Municipal Utility District
Learning Week Presentation
SMUD into the 21st Century
Jim Tracy
January 21, 2014
SMUD
Powering forward.
Together.

Video 1146

Video 1153

Sacramento Municipal Utility District
Frankie
McDermott's
All Hands Meeting
SMUD
Powering forward.
Together.

Video 1480


Customer Experience Is About Moments Of Truth Across The Entire Experience
Emotion
Effectiveness
Ease
DISCOVER
INITIATE
USE/PAY
MANAGE
ADD SERVICES
TERMINATE

Thank you for considering my recommendations

June 4, 2025 Rate Hearing Presentation

Steve Uhler

sau @ wwmpd.com

From:	Steve Uhler
To:	Public Comment; PRA; Gregg Fishman
Cc:	Laura Lewis
Subject:	[EXTERNAL] Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Public record request pursuant to GOV 54957.5, re holiday meeting
Date:	Wednesday, June 18, 2025 7:02:32 AM

CAUTION: This email originated from outside of SMUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Public record request pursuant to GOV 54957.5, re holiday meeting.

See attached "Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Public record request pursuant to GOV 54957.5, re holiday meeting.pdf".

Steve Uhler
sau@wwmpd.com

Comment for June 19, 2025 Board meeting agenda item 18 possible approval of draft rate resolutions, Public record request pursuant to GOV 54957.5, re holiday meeting.

Please provide the determination by the Board President that the third Thursday regular board meeting will fall on the holiday "Juneteenth".

Steve Uhler
sau@wwmpd.com

AGENDA

SACRAMENTO MUNICIPAL UTILITY DISTRICT
BOARD OF DIRECTORS MEETING
SMUD HEADQUARTERS BUILDING
AUDITORIUM – 6201 S STREET
SACRAMENTO, CALIFORNIA

June 19, 2025 – 6:00 p.m.

Virtual Viewing or Attendance:
Live video streams (view-only) and indexed archives of meetings are available at: https://www.smud.org/Corporate/About-us/Company-Information/Board-Meetings/Watch-or-Listen-online

Zoom Webinar Link: Join SMUD Board of Directors Meeting Here
Webinar/Meeting ID: 160 873 3335
Passcode: 026245
Phone Dial-in Number: 1-669-254-5252 or 1-833-568-8864 (Toll Free)

Verbal Public Comment:
Members of the public may provide verbal public comment by:

- Completing a sign-up form at the table outside of the meeting room and giving it to SMUD Security.
- Using the "Raise Hand" feature in Zoom (or pressing *9 while dialed into the telephone/toll-free number) during the meeting at the time public comment is called. Microphones will be enabled for virtual or telephonic attendees when the commenter's name is announced.

Written Public Comment:
Members of the public may provide written public comment on a specific agenda item or on items not on the agenda (general public comment) by submitting comments via email to PublicComment@smud.org or by mailing or bringing physical copies to the meeting. Email is not monitored during the meeting. Comments will not be read into the record but will be provided to the Board and placed into the record of the meeting if received within two hours after the meeting ends.

Call to Order.
a. Roll Call.

1. Approval of the Agenda.

2. Committee Chair Reports.

   a. Committee Chair report of June 10, 2025, Strategic Development Committee
   b. Committee Chair report of June 11, 2025, Policy Committee
   c. Committee Chair report of June 17, 2025, Finance & Audit Committee

Items 7 through 10 were reviewed by the June 11, 2025, Policy Committee. Items 11 through 17 were reviewed by the June 17, 2025, Finance and Audit Committee.

Comments from the public are welcome when these agenda items are called.

Consent Calendar:

3. Approve revised Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of April 16, 2025, through May 15, 2025.

4. Approve Board member compensation for service rendered at the request of the Board (pursuant to Resolution No. 23-06-02) for the period of May 16, 2025, through June 15, 2025.

5. Approval of the minutes of the regular meeting of May 15, 2025.

6. Approval of the minutes of the special meeting of June 4, 2025.

7. Accept the monitoring report for **Strategic Direction SD-4, Reliability**. **Policy Committee 6/11. (Frankie McDermott)**

8. Adopt the **2025 Update** to SMUD's 2023-2025 **Wildfire Mitigation Plan**. **Policy Committee 6/11. (Frankie McDermott)**

9. Accept the monitoring report for **Strategic Direction SD-8, Employee Relations**. **Policy Committee 6/11. (Jose Bodipo-Memba)**

10. Accept the monitoring report for **Strategic Direction SD-12, Ethics**. **Policy Committee 6/11. (Jose Bodipo-Memba)**

11. Approve Contract Change No. 4 to Contract No. 4500100166 with **Motorola Solutions, Inc.** for Next Generation Two-Way Radio System to increase the contract not-to-exceed amount by $5,949,221, from $13,724,750 to $19,673,971. **Finance and Audit Committee 6/17. (Suresh Kotha)**

12. Approve Contract Change No. 1 to Contract No. 4600001985 with **W.A. Chester America, LLC**, to increase the contract not-to-exceed amount by $1 million, from $2 million to $3 million, to repair the 115kV Station E to Station G Line 1 Underground High-Pressure Oil Filled (HPOF) cable fault. **Finance and Audit Committee 6/17. (Frankie McDermott)**

13. Authorize the Chief Executive Officer and General Manager to negotiate and award contracts to **ARB, Inc.**, **Michels Pacific Energy, Inc.**, and **Snelson Companies, Inc.** (collectively, the **Contracts**) to provide Gas Pipeline Operations Construction Projects and Services Support for a five-year term from July 1, 2025, to July 1, 2030, for a total aggregate not-to-exceed amount of $20 million across the three **Contracts**. **Finance and Audit Committee 6/17. (Lora Anguay)**

14. Authorize the Chief Executive Officer and General Manager to negotiate and award contracts to **WBE Traffic Control LLC**, **Capitol Barricade, Inc.**, **Statewide Traffic Safety & Signs dba AWP Safety**, **Traffic Management LLC**, **RoadSafe Traffic Systems, Inc.**, and **Greentek Services, LLC** (collectively, the **Contracts**), for Traffic Control Services for a contract term of three years from July 1, 2025, to July 1, 2028, with two optional one-year extensions, for a total aggregate not-to-exceed amount of $16 million across all the **Contracts**. **Finance and Audit Committee 6/17. (Laura Lewis)**

15. Approve Contract Change No. 5 to Contract No. 4500137959 with **Wood Mackenzie dba Power Advocate, Inc.** for consulting services to extend the contract expiration date from March 31, 2026, to December 31, 2027, and to increase the contract amount by $3 million, from $4.95 million to $7.95 million. **Finance and Audit Committee 6/17. (Laura Lewis)**

16. Authorize the Chief Executive Officer and General Manager to negotiate and execute a three-year contract renewal with **Barclays Bank** for a **Letter of Credit** that supports $150 million of the outstanding **Commercial Paper Series L**, with terms substantially similar to the attached term sheet, and any documents necessary to complete the transaction. **Finance and Audit Committee 6/17. (Scott Martin)**

17. Authorize the Chief Executive Officer and General Manager to negotiate and execute any and all contracts and documents necessary to effectuate the transfer to the **Sacramento Municipal Utility District (SMUD)** of assets and obligations of the **Sacramento Municipal Utility District Financing Authority (SFA)**, including the **Cosumnes Power Plant**, the **Carson Power Plant**, the **Procter & Gamble Power Plant**, the **Campbell Power Plant**, and the **McClellan Power Plant**. **Finance and Audit Committee 6/17. (Scott Martin)**

* * * * * * *

Discussion Calendar:

18. Discussion and possible approval of draft rate resolutions introduced at the June 4, 2025, Board of Directors meeting to make changes to SMUD's Rates, Rules and Regulations and Open Access Transmission Tariff (OATT) proposed by the Chief Executive Officer and General Manager's Report and Recommendation on Rates and Services (Volumes 1 & 2) dated March 20, 2025, and the Chief Executive Officer and General Manager's Report and Recommendation on OATT (Volume 1) dated March 20, 2025, together the "CEO & GM Reports."

Presenter: Alcides Hernandez

* * * * * * *

Public Comment:

19. Items not on the agenda.

Board and CEO Reports:

20. Directors' Reports.

21. President's Report.

22. CEO's Report.
    a. Board Video

Summary of Board Direction

* * * * * * *

FOLLOWING ADJOURNMENT OF THE FOREGOING SMUD BOARD OF DIRECTORS MEETING, A SPECIAL MEETING OF THE FOLLOWING JOINT POWERS AGENCY WILL CONVENE:

SACRAMENTO MUNICIPAL UTILITY DISTRICT FINANCING AUTHORITY

* * * * * * *

Board Committee Meetings and Special Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

June 17, 2025	Finance and Audit Committee and Special SMUD Board of Directors Meeting	Auditorium*	6:00 p.m.

* * * * * * *

Regular Meetings of the Board of Directors are held at the SMUD Headquarters Building, 6201 S Street, Sacramento

July 17, 2025	Auditorium*	6:00 p.m.

The Auditorium is located in the lobby of the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

Members of the public shall have up to three (3) minutes to provide public comment on items on the agenda or items not on the agenda, but within the jurisdiction of SMUD. The total time allotted to any individual speaker shall not exceed nine (9) minutes.

Members of the public wishing to inspect public documents related to agenda items may click on the Information Packet link for this meeting on the smud.org website or may call 1-916-732-7143 to arrange for inspection of the documents at the SMUD Headquarters Building, 6201 S Street, Sacramento, California.

ADA Accessibility Procedures: Upon request, SMUD will generally provide appropriate aids and services leading to effective communication for qualified persons with disabilities so that they can participate equally in this meeting. If you need a reasonable auxiliary aid or service for effective communication to participate, please email Toni.Stelling@smud.org, or contact by phone at 1-916-732-7143, no later than 48 hours before this meeting.

From: Steve Uhler
To: Public Comment
Cc: PRA; Laura Lewis; Gregg Fishman
Subject: Comment on the draft rate resolution
Date: Friday, June 6, 2025 2:48:18 PM

Hello,

Why is action being taken on the draft rate resolution on a holiday, June 19, 2025?

How much more will it cost the rate payers than on a business day?

Steve Uhler
sau@wwmpd.com

State of California

GOVERNMENT CODE

Section 54957.5

54957.5. (a) Agendas of public meetings are disclosable public records under the California Public Records Act (Division 10 (commencing with Section 7920.000) of Title 1), and shall be made available upon request without delay and in compliance with Section 54954.2 or Section 54956, as applicable. However, this section shall not apply to a writing, or portion thereof, that is exempt from public disclosure.

(b) (1) If a writing is a public record related to an agenda item for an open session of a regular meeting of the legislative body of a local agency and is distributed to all, or a majority of all, of the members of a legislative body of a local agency by a person in connection with a matter subject to discussion or consideration at an open meeting of the body less than 72 hours before that meeting, the writing shall be made available for public inspection pursuant to paragraph (2) at the time the writing is distributed to all, or a majority of all, of the members of the body.

(2) (A) Except as provided in subparagraph (B), a local agency shall comply with both of the following requirements:

(i) A local agency shall make any writing described in paragraph (1) available for public inspection at a public office or location that the agency shall designate for this purpose.

(ii) A local agency shall list the address of the office or location designated pursuant to clause (i) on the agendas for all meetings of the legislative body of that agency.

(B) A local agency shall not be required to comply with the requirements of subparagraph (A) if all of the following requirements are met:

(i) An initial staff report or similar document containing an executive summary and the staff recommendation, if any, relating to that agenda item is made available for public inspection at the office or location designated pursuant to clause (i) of subparagraph (A) at least 72 hours before the meeting.

(ii) The local agency immediately posts any writing described in paragraph (1) on the local agency's internet website in a position and manner that makes it clear that the writing relates to an agenda item for an upcoming meeting.

(iii) The local agency lists the web address of the local agency's internet website on the agendas for all meetings of the legislative body of that agency.

(iv) (I) Subject to subclause (II), the local agency makes physical copies available for public inspection, beginning the next regular business hours for the local agency, at the office or location designated pursuant to clause (i) of subparagraph (A).

(II) This clause is satisfied only if the next regular business hours of the local agency commence at least 24 hours before that meeting.

(c) Writings that are public records described in subdivision (b) and distributed during a public meeting shall be made available for public inspection at the meeting if prepared by the local agency or a member of its legislative body, or after the meeting if prepared by some other person. These writings shall be made available in appropriate alternative formats upon request by a person with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof.

(d) This chapter shall not be construed to prevent the legislative body of a local agency from charging a fee or deposit for a copy of a public record pursuant to Section 7922.530, except that a surcharge shall not be imposed on persons with disabilities in violation of Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof.

(e) This section shall not be construed to limit or delay the public's right to inspect or obtain a copy of any record required to be disclosed under the requirements of the California Public Records Act (Division 10 (commencing with Section 7920.000) of Title 1), including, but not limited to, the ability of the public to inspect public records pursuant to Section 7922.525 and obtain copies of public records pursuant to either subdivision (b) of Section 7922.530 or Section 7922.535. This chapter shall not be construed to require a legislative body of a local agency to place any paid advertisement or any other paid notice in any publication.

(Amended (as amended by Stats. 2021, Ch. 615, Sec. 208) by Stats. 2022, Ch. 971, Sec. 1. (AB 2647) Effective January 1, 2023.)

Meeting Procedures of the SMUD Board of Directors

2023 Edition
Supersedes all previous versions

TABLE OF CONTENTS

INTRODUCTION 1
Welcome Statement 1
Authority 1
Board Tenure 1
Board Governance Policies 1
CHAPTER I – BOARD MEETINGS 1
Rule 1.0 Time and Place 1
Rule 1.1 Parliamentary Procedures 2
Rule 1.2 Order of Business 2
Rule 1.3 Quorum 3
Rule 1.4 Presiding Officer and Selection of Officers 3
Rule 1.5 Public Participation 4
Rule 1.6 Approval of Board Minutes 6
Rule 1.7 Preservation of Minutes 6
Rule 1.8 Taping and Web Streaming of Meetings 6
Rule 1.9 Addressing the Board President and Recognition to Speak 6
Rule 1.10 Procedure Regarding Motions 7
Rule 1.11 Roll Call 8
Rule 1.12 Overruling the Board President 8
Rule 1.13 Suspension of Rules 8
Rule 1.14 Amendment of Board Meeting Procedures 9
CHAPTER II - COMMITTEES 9
Rule 2.0 Time and Place 9
Rule 2.1 Purpose and Quorum 9
Rule 2.2 Preparation and Preservation of Minutes 9
Rule 2.3 Taping and Web Streaming of Committee Meetings 10
Rule 2.4 Public Participation 10
CHAPTER III – HEARINGS 12
Rule 3.0 Hearings – General Procedures 12

Rule 3.1 Hearings – Rate Process 13
CHAPTER IV – CUSTOMER APPEALS OF DISPUTED BILLS 13
Rule 4.0 Disputed Bill Appeals Procedure 13

ATTACHMENTS
Ordinance 15-1 ..... A-1

INTRODUCTION

Welcome Statement

Welcome to the Board of Directors meeting. These procedures are designed to assist the community in understanding how the Sacramento Municipal Utility District (SMUD) Board of Directors conducts its meetings. Copies of the Meeting Procedures are available upon request through the office of the SMUD Board Secretary or on the internet at www.smud.org.

Authority

The Board of Directors governs SMUD and is its policy-making body. The Board appoints a Chief Executive Officer and General Manager responsible for SMUD's operations.

Board Tenure

The Board of Directors is comprised of seven members elected by ward to represent different geographic areas of the Sacramento region. The Directors serve four-year terms which are staggered.

Board Governance Policies

The Board of Directors operates under a set of governance policies. The governance policies define the Board's purpose and how it operates; SMUD's vision and strategic direction; and its links and delegations to staff. Copies of the Board governance policies are available upon request through the office of the SMUD Board Secretary or on the internet at www.smud.org.

These meeting procedures complement the Board's policies, but do not supersede them. If there is an inconsistency between any of the Board's policies and these meeting procedures, the Board's policies control.

CHAPTER I – BOARD MEETINGS

Rule 1.0 Time and Place

(a) Regular Board meetings occur the third Thursday of the month except that the regular meeting in December occurs the second Thursday of the month. Unless otherwise designated on the Board meeting agenda, regular meetings begin at 6:00 p.m.

All regular meetings are held in the SMUD Auditorium at 6201 S Street, Sacramento, California, unless otherwise designated on the Board meeting agenda.

(b) In the event that the Thursday Board meeting falls on a legal holiday, unless otherwise determined by the Board President, that meeting will be held on the next business day following the holiday and begin at the time specified for that Board meeting.

(c) Any meeting or session of the Board may be adjourned for cause, in good faith, at any time, or from time-to-time, when necessary for the expeditious transaction of business.

(d) All meetings of the Board, including regular, special and emergency meetings, are called in accordance with the Ralph M. Brown Act, California Government Code Section 54950, *et seq*. (Brown Act).

(e) Board members may participate in Board meetings through a telephone conference platform such as a computer or telephone in accordance with the Brown Act.

(f) Members of the public may audio or video record Board meetings provided that they do not block aisles, exits or interfere with public sight lines.

Rule 1.1 Parliamentary Procedures

In all cases not provided for by these meeting procedures, or by SMUD ordinance or resolution, parliamentary procedures will be in accordance with Robert's Rules of Order (current edition). The Board Secretary will act as parliamentarian to the Board.

Rule 1.2 Order of Business

Unless special circumstance apply, the regular order of business at each regular Board meeting is:

(a) Call to Order

(b) Pledge to the Flag

(c) Roll Call

(d) Cable Announcement

(e) Customer Education Message

(f) Approval of the Agenda

(g) Committee Chair Reports

(h) Statements from the Public (at the time the agenda item is considered)

(i) Consent Calendar

(j) Discussion Calendar

(k) Public Comments (non-agenda items)

(l) Directors' Reports

(m) President's Report

(n) CEO's Report

(o) Adjournment

Rule 1.3 Quorum

(a) Four members of the Board constitute a quorum for a regular, special or emergency Board meeting. No business will be acted upon until a quorum is present. No business will be conducted when the number of Board members is reduced below a quorum with the exception of information items. The presiding member of the Board meeting will note for the record when a Board member arrives late to a Board meeting or departs before adjournment.

(b) Whenever two-thirds of the Board membership or two-thirds vote is required for approval of a matter, at least five members or five votes will be required to approve the matter.

Rule 1.4 Presiding Officer and Selection of Officers

(a) The President of the Board will preside over Board meetings. In the absence of the Board President, the Vice-President of the Board will preside at meetings. In the absence of both the Board President and the Vice-President, the members of the Board attending the meeting will choose a president pro tem who will preside at the meeting and will be determined as the first order of business.

(b) The Board President and Vice-President will serve one-year terms and will be selected through a nomination process which will be conducted in December of each year. If no successor is named by the conclusion of the officer's term, the officer shall continue in office until a successor is named.

Rule 1.5 Public Participation

(a) Members of the public may attend any meeting of the Board of Directors except for closed sessions of the Board as determined by the Brown Act. Members of the public are required to switch cellular phones and similar electronic devices to a silent or off mode during Board meetings.

(b) Members of the public may address the Board through a teleconference platform such as computer or telephone in accordance with these procedures. Instructions for participation will be included on every meeting agenda.

(c) Members of the public may address the Board at a Board meeting on agenda items prior to or during the Board's consideration of that item, and on items of interest not on the agenda which are within SMUD's jurisdiction, except that no public comment will be taken on the form or content of the Board agenda itself except during the general public comment period.

(d) To facilitate the SMUD Board's conduct of business, members of the public that wish to address the Board will have up to three (3) minutes during general public comment period and up to three (3) minutes on any individual agenda item on which the Board will take action. The Consent Calendar is considered a single item, and speakers are subject to the three (3) minute limit for the entire Consent Calendar. Items listed on the agenda but on which no Board action will be taken, including without limitation, Committee reports, Directors' reports, and the CEO's report shall be addressed in the general public comment period, and will be subject to the three (3) minute limitation. In addition to the above time limits, the total time allotted to any individual speaker shall not exceed nine (9) minutes for an entire Board meeting.

(e) Notwithstanding the foregoing, the Board President may, in their discretion, and based upon factors such as the length of the agenda, the substance of the agenda, the number of public comment speaker cards submitted, and whether the Board is in danger of losing a quorum, depart from the above referenced time limits for individual speakers, establish a time limit for particular issues, set a cumulative time limit, or otherwise regulate public comment. Speaking times may be extended at the discretion of the Board President. Speakers will be limited to the time allocated by the Board President and will not be allowed to accept time from other members of the public in attendance at the meeting.

(f) Public speakers are expected to exercise decorum when addressing the Board.

(g) Speakers are to direct their comments to the Board. The public comment periods are not intended to be "Question and Answer" periods or conversations with the SMUD Board or SMUD staff. For non-agenda items, the Board members may not engage in an active discussion of the matter and are limited to

making a brief statement, asking clarifying questions or directing staff to follow up on a matter.

(h) Any person desiring to address the Board on an agenda item shall file a request to speak form with a Security Officer present at the meeting prior to the time the matter is called. The speaker shall designate on the request to speak form whether the speaker intends to address the Board on an item on the agenda or on a non-agenda item. Public speakers wishing to distribute written materials to the Board must hand the materials to the Security Officer who will distribute the written materials to the Board and staff. Distributed materials will be made a part of the record and will be available to the public for inspection, unless otherwise confidential. Public speakers speaking during the public comment period and on items on the agenda will not be allowed to use signs, posters, videos, taped recordings or overheads in making their public comments.

(i) In the event that any Board meeting is willfully interrupted or disrupted by a person or by a group or groups of persons so as to render the orderly conduct of the meeting infeasible, the Board President, unless there is an objection by a majority of the Board members present, may order the person, group or groups of persons willfully interrupting the meeting to leave the meeting or be removed from the meeting. In such case, the Board President will:

(1) Notify the person, group, or groups of persons that they are in non-compliance with meeting procedures;

(2) Request that they comply; and

(3) Inform them of the consequence of non-compliance

(j) At least fourteen (14) days in advance of a scheduled Board meeting, members of the public may request the opportunity to be listed on the agenda for purposes of making a presentation at a Board meeting on matters within the SMUD's jurisdiction. Presentation requests must be initiated in writing and submitted to the Board President through the Board office. Requests must state the following information:

(1) Subject matter;

(2) Presenter's name, address and telephone number;

(3) Any action(s) which the requestor wishes the Board to take;

(4) Amount of time requested, not to exceed 10 minutes;

(5) Desired Board meeting date.

The Board President will review all complete presentation requests and, may at his or her discretion, direct the Secretary of the Board to list the presentation on the Board's agenda. If the Board President denies a presentation request, the requesting party may address the Board at a meeting on a matter within SMUD's jurisdiction, subject to the three (3) minute time limitation.

(k) Members of the public are prohibited from bringing firearms, knifes or other weapons of any kind, as well as bio-waste or bio-hazards, into the Board meeting room or any SMUD building.

(l) SMUD reserves the right to inspect packages, backpacks, purses, and similar containers prior to allowing members of the public entrance to Board meetings.

Rule 1.6 Approval of Board Minutes

The Board Secretary will provide a copy of the minutes of each regular meeting to each member of the Board with the next regular meeting agenda packet. The Board Secretary will provide a copy of the minutes of each special meeting at which Board action is taken to each member of the Board with the next month's regular meeting agenda packet. The minutes of the preceding meeting will be approved as part of the Consent Calendar unless a Board member requests a discussion of the item.

Rule 1.7 Preservation of Minutes

The minutes of the Board will be maintained by the Board Secretary as a corporate record. The minutes of each meeting will be signed by the Secretary and by the officer who presided at the Board meeting. The Secretary is charged with the custody of all papers, books and documents of the Board and will make the same available for public inspection at all reasonable times in accordance with the California Public Records Act.

Rule 1.8 Taping and Web Streaming of Meetings

The Board Secretary will arrange to have regular Board meetings video-recorded and cablecast on Metro Cable Channel 14, except for closed sessions. SMUD will store video-recordings of Board meetings for a period of four (4) years. Video of the regular Board meetings will be streamed live and, together with the Board agenda, will be archived on the SMUD website for a one-year period.

Rule 1.9 Addressing the Board President and Recognition to Speak

(a) When any Board member is about to speak, he or she will seek recognition to speak from the Board President; and when two or more members address the Board President at the same time, the Board President will determine the speaking order. Once the Board President has recognized the right of the Board

member to speak, the Board President will protect the speaker from disturbance or interference.

(b) The Board President will not recognize a member to speak again, except to answer questions, until all other Board members have had an opportunity to be heard.

(c) All members will have an opportunity to speak before the Board President enters debate on a regular item.

Rule 1.10 Procedure Regarding Motions

(a) **Motions in General:** A resolution, or any other action of the Board, may be proposed by any member including the Board President, by a motion to adopt. Such a motion, if seconded by a member, including the Board President, will be on the floor and must be considered; if not seconded, the motion is lost for lack of a second, and will be so declared by the Board President.

(b) **Amend a Motion:** A motion on the floor (with a second) may be amended at any time before adoption or rejection by an amendatory motion made by any member including the Board President.

An amendatory motion may be in the form of a substitute motion so that it replaces the original motion and can be adopted by a single vote, or it may be phrased so as to amend the original motion; if the substitute motion fails to carry, the original motion will then be voted upon; if the amendment is separately voted upon and is not adopted, the original motion will then be voted upon; if the amendment is adopted, the original motion as amended will then be voted upon.

(c) **Withdraw a Motion:** A motion may be withdrawn by the maker at any time before adoption or rejection with the consent of the second. The second to a motion may be withdrawn by the seconding member at any time before adoption or rejection of the motion; the motion will then be lost for lack of a second and so declared by the Board President unless seconded by another member.

(d) **Motion to Call the Question:** The purpose of a motion to call the question is to close debate and to vote immediately on a motion. After a motion has been seconded, any member may discuss or comment on the subject of the motion. When no member wishes to discuss or comment further, the Board President will call for a vote on the motion. At any time after a motion has been seconded, any member who has the floor, including the Board President, may move to call for the question. The Board President will then state, “the question has been called for.” If four members, one of whom may be the Board President, then concur, the Board President will call for a vote on the motion. If less than four members concur, discussion of the motion will then continue until the question is again

called for or discussion terminates and a vote is called for by the Board President.

(e) **Motion to Table:** The purpose of this motion is to terminate further consideration of the subject under discussion. At any time after a motion has been seconded, any member, including the Board President, may move to table the motion. If the tabling motion is seconded, the Board President will call for a vote on the tabling motion. If the tabling motion is adopted, the original motion will remain on the floor but may not again be considered at the meeting at which the tabling motion was adopted except following the adoption of a motion to remove the original motion from the table. The original motion may be considered and voted upon at the next regular meeting of the Board unless again tabled. If not considered at such meeting, it will be deemed lost. If the tabling motion is not adopted, consideration of the original motion will continue under these rules. For the purposes of this section, if the Board recesses the meeting at which a motion has been tabled, the reconvened meeting will be considered a separate meeting and the original motion may be considered and voted upon.

(f) **Motion to Reconsider a Vote:** A motion to reconsider the vote may be made by any member who voted with the prevailing side. No question can be twice reconsidered unless it was amended after its first consideration. A motion to reconsider the vote may be made only at the meeting at which the original vote was taken or, if the Board recesses such meeting, at the reconvened meeting.

Rule 1.11 Roll Call

(a) The Chief Legal Officer and General Counsel will conduct a roll call at the beginning of each publicly noticed Board and Committee meeting.

(b) The roll need not be called in voting upon a motion except where specifically required by law or requested by a member. If the roll is not called, Board members will cast their votes electronically.

(c) Each roll call of the Board will be in ward order, except that the Board President will be called last.

Rule 1.12 Overruling the Board President

A decision of the Board President with respect to the interpretation, applicability or enforcement of these rules may be overruled by majority vote of the Board.

Rule 1.13 Suspension of Rules

Any permanent rule of the Board may be suspended temporarily by a majority of the Board, provided that the temporary suspension will apply only to the matter

under immediate consideration, and in no case will it extend beyond an adjournment.

Rule 1.14 Amendment of Board Meeting Procedures

These meeting procedures may be amended by a majority vote of the Board.

CHAPTER II - COMMITTEES

Rule 2.0 Time and Place

(a) Whenever a standing Committee meeting is also noticed as a special Board Meeting, it shall be conducted as a Committee meeting and members of the Board that are not assigned to the Committee may attend and participate in the discussions, whether or not a quorum of the Board is present. In order to preserve the function of the Committee as advisory to the Board, no Board action will be taken at a Committee meeting, unless otherwise noted on the agenda.

(b) Committee members may participate in Board meetings through a telephone conference platform such as a computer or telephone in accordance with the Brown Act.

(c) Members of the public may audio or video record Committee meetings provided that they do not block aisles, exits or interfere with public sight lines.

Rule 2.1 Purpose and Quorum

(a) Board Committees assist the Board by gaining education, considering alternatives and implications, preparing policy alternatives, and making recommendations to the full Board. As a general rule, matters to be considered by the Board will first be referred to a Committee.

(b) Two members of the Board will constitute a quorum for a Committee meeting. Where the number of Board members is reduced below a quorum during a Committee meeting, the Committee may continue to conduct business. Where a Committee lacks a quorum, the Board President, Board Vice-President or Committee Chair, in that order, may appoint a non-committee Board member to serve on the Committee for that meeting.

Rule 2.2 Preparation and Preservation of Minutes

(a) Minutes of each Committee meeting will be prepared by the responsible Executive and reviewed by the Board Secretary. The presiding officer of the Committee will sign the minutes indicating approval of the minutes.

(b) The minutes of Committee meetings will be maintained by the Board Secretary as a corporate record.

Rule 2.3 Taping and Web Streaming of Committee Meetings

Committee meetings will be audio recorded and will be audio streamed live to the public and archived on the SMUD website for one (1) year. The audio recordings of Committee meetings will be maintained for a period of four (4) years.

Rule 2.4 Public Participation

(a) Members of the public may attend any Committee meeting of the Board. Members of the public are required to switch cellular phones and similar electronic devices to a silent or off mode during Committee meetings.
(b) Members of the public may address the Board through a teleconference platform such as computer or telephone in accordance with these procedures. Instructions for participation will be included on every meeting agenda.

(c) Members of the public may address the Committee at a meeting on agenda items prior to or during the Committee's consideration of that item.

(d) Pursuant to Rule 2.1(b) of these Procedures, items may only be placed on a Committee agenda either by a decision by the full Board, the Board President, a Board member, or by the CEO and General Manager or his or her designee. Accordingly, no public comment will be taken on the form or content of the agenda.

(e) Speakers will have up to three (3) minutes to address the Committee on items on the agenda; provided, however, the total time allotted to any individual speaker shall not exceed nine (9) minutes. The Board President may, in their discretion, and based upon factors such as the length of the agenda, the substance of the agenda, the number of public comment speaker cards submitted, and whether the Board is in danger of losing a quorum, depart from the above referenced time limits for individual speakers, establish a time limit for particular issues, set a cumulative time limit, or otherwise regulate public comment. Speaking times may be extended at the discretion of the Committee Chair. Speakers will be limited to the time allocated by the Chair and will not be allowed to accept time from other members of the public in attendance at the meeting.

(f) Public speakers are expected to exercise decorum when addressing the Committee.

(g) Speakers are to direct their comments to the Committee. The public comment periods are not intended to be "Question and Answer" periods or conversations with the SMUD Board or SMUD staff.

(h) Any person desiring to address the Committee on an agenda item shall file a request to speak form with the Security Officer present at the meeting prior to the time the matter is called. The speaker shall designate on the request to speak form whether the speaker intends to address the Committee on an item on the agenda or on a non-agenda item. Public speakers wishing to distribute written materials to the Committee must hand the materials to the Security Officer who will distribute the written materials to the Committee and staff. Distributed materials will be made a part of the record and will be available to the public for inspection, unless otherwise confidential. Public speakers speaking will not be allowed to use signs, posters, videos, taped recordings or overheads in making their public comments.

(i) In the event that any Committee meeting is willfully interrupted or disrupted by a person or by a group or groups of persons so as to render the orderly conduct of the meeting infeasible, the Committee Chair, unless there is an objection by a majority of the Committee members present, may order the person, group or groups of persons willfully interrupting the meeting to leave the meeting or be removed from the meeting. In such case, the Committee Chair will:

(1) Notify the person, group, or groups of persons that they are in non-compliance with meeting procedures;

(2) Request that they comply; and

(3) Inform them of the consequence of non-compliance

(j) At least fourteen (14) days in advance of a Committee meeting, members of the public may request the opportunity to be listed on the agenda for purposes of making a presentation at a Committee meeting on matters within SMUD's jurisdiction. Presentation requests must be initiated in writing by any individual and submitted to the Committee Chair through the Board of Director's office. Requests must state the following information:

(1) Subject matter;

(2) Presenter's name, address and telephone number;

(3) Any action(s) which the requestor wishes SMUD to take;

(4) Amount of time requested, not to exceed 10 minutes;

(5) Desired Committee meeting date.

The Committee Chair will review all complete presentation requests and, may at his or her discretion, direct the responsible staff to list the presentation on the

Committee's agenda. If the Committee Chair denies a presentation request, the requesting party may address the Committee at a regular meeting subject to the three (3) minute time limitation.

(k) Members of the public are prohibited from bringing firearms, knifes or other weapons of any kind, as well as bio-waste or bio-hazards, into the Board meeting room or any SMUD building.

(l) SMUD reserves the right to inspect packages, backpacks, purses, and similar containers prior to allowing members of the public entrance to Committee meetings.

CHAPTER III – HEARINGS

Rule 3.0 Hearings – General Procedures

(a) Hearings required by law will be held in compliance with the Municipal Utility District Act (California Public Utilities Code § 11501, *et seq.)* or other relevant statute, ordinance, or regulation. Unless otherwise required by applicable law, the procedures set forth in this Rule 3.0 shall apply to all SMUD Board hearings that do not involve a change in rates or rate structure.

(b) Any individual wishing to address the Board shall fill out a request to speak form and file the form with the Security Officer in attendance at the meeting. Public speakers wishing to distribute written materials to the Board must hand the materials to the Security Officer who will distribute the written materials to the Board and staff. Distributed materials will be made a part of the record and will be available to the public for inspection, unless otherwise confidential.

(c) Speakers will be called in an order determined by the Board President.

(d) Individuals will not be allowed to accept time from other individuals.

(e) Individuals may speak up to three (3) minutes. The Board President may, in his or her discretion and based upon factors such as the length of the agenda, the number of public comment speaker cards submitted, and whether the Board is in danger of losing a quorum, depart from the above referenced time limits for individual speakers, establish a time limit for particular issues, set a cumulative time limit, or otherwise regulate public comment. Speaking times may be extended at the discretion of the Board President.

(f) The Board will consider any written testimony or reports of reasonable length submitted by the public in advance of the hearing.

(g) All exhibits, including documentary materials, will be retained by the Board Secretary as part of the record of the hearings and will be available and will be

available to the public for inspection.

Rule 3.1 Hearings – Rate Process

All rate hearings shall be conducted pursuant to the procedures set forth in Ordinance 15-1, attached hereto.

CHAPTER IV – CUSTOMER APPEALS OF DISPUTED BILLS

Rule 4.0 Disputed Bill Appeals Procedure

(a) Section 12823 of the Municipal Utility District Act (California Public Utilities Code § 11501, *et seq.)* establishes the rights of customers regarding disputed bills. For purposes of clarification, these procedures do not apply to the nonpayment of charges and fees by customers that do not dispute the accuracy of a bill.

(b) The following procedures shall govern the process by which a customer may file an appeal with the Board of Directors following an adverse determination by a SMUD Management Hearing Officer (Hearing Officer) under Section 12823(c) of the Municipal Utility District Act: .

(i) Following the SMUD Management Hearing, the Hearing Officer will mail his/her decision to the customer. Included in the mailing of the decision will be an appeal form and instructions on how the customer may appeal the decision to the Board of Directors. Under Rule and Regulation 10, Customer Services may include a request for payment of a deposit as evidence of good faith if such a deposit was not requested previously.

(ii) If the customer does not file an appeal form, the Hearing Officer's decision will be final. If the customer files an appeal form with Customer Services it must be received within ten (10) business days of the date of the Hearing Officer's letter or the customer's appeal will be rejected as untimely and the Hearing Officer's decision will be deemed final. Customer Services will notify the customer that the appeal is untimely. If the customer files an appeal form within 10 business days of the date of the Hearing Officer's letter, the appeal is considered timely. The appeal and appropriate documentation shall be forwarded to the appropriate SMUD Executive for processing, with a copy to the Board Office.

(iii) The Executive shall review the appeal, gather information and provide appropriate documentation to the Board Member for the ward in which the appealing customer resides (service address for the account in question).

(iv) The Board Member for the ward in which the appealing customer resides (service address for the account in question) shall review the information and may elect to contact the customer for additional information.

(v) Once the Board Member's review is complete, the appeal, including the recommendation (if any) of the Board Member, will be placed on the agenda of the Board of Directors for an upcoming meeting of the Board of Directors. The Board Office will notify the customer in writing of the date that the appeal will be heard so that the customer may appear and be heard if he/she so desires.

(vi) The appeal shall be heard by the Board of Directors, and a final decision on the appeal shall be rendered by the Board of Directors. Customer Services shall notify the customer in writing of the Board's decision.

(vii) The Board's decision represents final agency action.

ORDINANCE NO. 15-1

WHEREAS, the Board-appointed citizens' Rate Advisory Committee conducted a thorough review of the Sacramento Municipal Utility District's rates and, on September 27, 1991, submitted its Report and Recommendation to the Board of Directors concerning General Policy Frameworks for Rate-setting; and

WHEREAS, on December 19, 1991 the Board adopted Ordinance No. 91-1 to establish certain procedures that govern its rate-making process; and

WHEREAS, this Board has thoroughly reviewed its rate-making process and hereby determines it to be necessary and appropriate to amend the provisions of Ordinance No. 91-1 to clarify and update its rate-making process; NOW, THEREFORE:

BE IT ENACTED BY THE BOARD OF DIRECTORS OF SACRAMENTO MUNICIPAL UTILITY DISTRICT:

Section 1. The following definitions are applicable for this Ordinance:

(a) "Board" means the Sacramento Municipal Utility District Board of Directors.

(b) "Business Day" means any day except Saturday, Sunday, or a legal holiday observed by SMUD.

(c) "Code" means the California Public Utilities Code.

(d) "Report" means the proposals in the General Manager's Report and Recommendation on Rates and Services, including any addenda or errata.

Section 2. The following procedures are hereby adopted for considering rate changes and conducting hearings thereon:

(a) These procedures shall be in addition to the procedures outlined in Sections 14401 through 14403.5 of the Code; provided, that in the event of any inconsistency between the procedures adopted herein and the Code, the Code shall govern.

(b) After the General Manager has released the Report, the public may have access, upon reasonable notice, to SMUD staff's supporting information and documents (excluding confidential information and other information protected from disclosure by law).

(c) For any change to SMUD rates and charges that intends to increase or decrease revenue, the following requirements shall apply:

i. Public Workshops. No sooner than twenty (20) calendar days following release of the Report, the General Manager or his/her designees shall conduct at least two (2) public workshops.

ii. Public Hearings. No sooner than fourteen (14) calendar days following completion of the first two (2) public workshops, the Board shall conduct one or more public hearings on the proposed change in accordance with the requirements of the Code.

(d) For any change to SMUD rates and charges that does not intend to increase or decrease revenues, the following requirements apply:

i. Public Workshops. No sooner than ten (10) calendar days following release of the Report, the General Manager or his/her designees shall conduct at least two (2) public workshops.

ii. Public Hearings. No sooner than ten (10) calendar days following completion of the first two (2) public workshops, the Board shall conduct one or more public hearings on the proposed change in accordance with the requirements of the Code.

(e) Notwithstanding paragraphs (c) and (d), when unanticipated events cause a sudden and significant change in SMUD's financial condition requiring an immediate response to make changes to rates and charges, the Board shall conduct at least one public hearing on the proposed change no sooner than ten (10) calendar days following release of the Report in accordance with the requirements of the Code.

(f) Public Workshop Procedures. The public workshops shall serve as a forum for the public to question staff as to the recommended rate or rate structure, prior to the public hearing. During the public workshops, members of the public may ask questions and/or provide non-duplicative comments directly relevant to the Report. All workshops shall be recorded and transcribed. The General Manager or his/her designees may, in his/her discretion, set time limits for individual speakers, establish a time limit for particular issues, set a cumulative time limit, or otherwise regulate public comment.

(g) Public Hearing Procedures. During a public hearing, members of the public may provide non-duplicative testimony for up to three (3) minutes and shall have a full and fair opportunity to present comments, recommendations and alternatives for the Board's consideration. Speaking times may be extended at the discretion of the Board President. The Board President may, in his/her discretion, and based upon factors such as the number of public comment speaker cards submitted, depart from the above referenced time limit for individual speakers, set a cumulative time limit, or otherwise regulate public comment.

i. Members of the public that wish to address the Board with alternatives to the rate changes proposed in the Report and that desire additional time for public comment shall notify SMUD in writing at least ten (10) calendar days prior to

the public hearing(s). Such notice shall include the amount of time requested. The Board President may, in his/her discretion, grant additional time up to, but no more than, a total of twenty (20) minutes.

ii. Members of the public desiring to submit written materials are requested to do so at least five (5) business days prior to the public hearing(s).

iii. Notwithstanding any provision in this paragraph (g), the public hearing(s) shall be conducted in accordance with the Board's Meeting Procedures.

iv. The public hearing(s) shall be recorded and transcribed.

(h) Members of the public may submit questions related to the Report in writing at any time after release of the Report up until five (5) business days prior to the public hearing. To the extent practicable, SMUD staff shall respond to such questions in writing within five (5) business days of receipt. Questions received after 5:00 p.m. shall be deemed to have been received on the next business day. SMUD staff will provide notice in the event that complex questions require additional time.

(i) Written documents, including alternative rate proposals, made by members of the public that are directly relevant to the Report and submitted to SMUD shall be made available to the public on SMUD's web site.

(j) Once the public hearing(s) have concluded, the Board shall make available for public review and comment for a period of at least ten (10) calendar days a draft resolution containing its proposed rate decision and the basis for the decision. However, if the Report proposes changes to rates due to circumstances in paragraph (e), the public review and comment period is at least five (5) calendar days.

(k) Following completion of the public comment period, the Board may approve the proposed resolution. However, if the Board proposes any material modifications (i.e., modifications which change customer rates or billings) in the proposed resolution, such resolution as modified shall be made available for public review and comment for a period of at least ten (10) calendar days in normal circumstances; and at least five (5) calendar days if a change to rates is proposed due to circumstances in paragraph (e). The Board shall permit public testimony on the modified resolution prior to any Board action thereon. The final approved resolution shall contain the rate decision and basis for the decision.

(l) Written notices, questions, comments, and other materials submitted by members of the public to SMUD shall be delivered in person, by mail, by facsimile, or by electronic mail.

Section 3. This Ordinance, to the extent it is inconsistent with any prior SMUD resolutions or ordinances, supersedes and repeals such inconsistent resolutions and ordinances.

Section 4. Board rate decisions are promulgated pursuant to Code Sections 11883 and 11885 and such decisions are only reviewable pursuant to Section 14402 of the Code. Nothing contained herein is intended to change, modify, or provide any additional remedies at law or inequity to persons seeking to challenge a rate decision.

Section 5. This Ordinance supersedes Ordinance No. 91-1 and shall take effect upon completion of publication as required by Section 11910 of the Code.

I hereby certify that the foregoing Ordinance was introduced at a regular meeting of the Sacramento Municipal Utility District's Board of Directors on the 5th day of March 2015, and was duly adopted on the 19th of March 2015 at a regular meeting of the Sacramento Municipal Utility District's Board of Directors.

Adopted: March 19, 2015 by the SMUD Board of Directors

INTRODUCED: DIRECTOR SHIROMA				
SECONDED: DIRECTOR TAYLOR				
DIRECTOR	AYE	NO	ABSTAIN	ABSENT
KERTH	X			
BUI-THOMPSON	X			
TAYLOR	X			
FISHMAN	X			
SHIROMA	X			
TAMAYO	X			
SLATON	X			

Rob Kerth
President
Board of Directors
Sacramento Municipal Utility District

Attested:

Laura Lewis
Secretary

SSS No. PSS 25-005

BOARD AGENDA ITEM

STAFFING SUMMARY SHEET

Committee Meeting & Date
N/A
Board Meeting Date
July 17, 2025

TO		TO	
1.	Laurie Rodriguez	6.	
2.	Jose Bodipo-Memba	7.	
3.	Scott Martin	8.	
4.		9.	**Legal**
5.		10.	**CEO & General Manager**

Consent Calendar		**Yes**	X	**No** *If no, schedule a dry run presentation.*	**Budgeted**	X	**Yes**		**No** *(If no, explain in Cost/Budgeted section.)*

FROM (IPR)	DEPARTMENT	MAIL STOP	EXT.	DATE SENT
Matthew Powell	People Services & Strategies	B251	5371	06/23/25

NARRATIVE:

Requested Action: Approve the appointment of Laurie Rodriguez as a Retired Annuitant without applying the 180-day waiting period.

Summary: Retired annuitants must wait 180 days before returning to work unless the employer certifies that the retired annuitant (a) has the skills needed to perform work for a limited duration and (b) the appointment is necessary to fill a critically needed position before the 180 days have passed, and the appointment is approved by the governing body of the employer in a public meeting. The appointment may not be placed on the Consent Calendar. Laurie Rodriguez is Director of People Services & Strategies. She can provide knowledge transfer and consulting services through labor negotiations, perform knowledge transfer to the new Director, People Services & Strategies, and complete other ongoing projects of significant impact to SMUD.

Board Policy: *(Number & Title)* Governance Process GP-3, Board Job Description, j) Take such other actions as may be required by law.

Benefits: Continued continuity of People Services & Strategies strategic initiatives.

Cost/Budgeted: Up to 960 hours in a calendar year at her straight time pay.

Alternatives: Wait six months to receive Laurie's consulting services and knowledge transfer.

Affected Parties: SMUD and People Services & Strategies

Coordination: People Services & Strategies and Legal

Presenter: Matthew Powell, Manager of Compensation, Classification & Performance

Additional Links:

SUBJECT	ITEM NO. *(FOR LEGAL USE ONLY)*
Appoint Laurie Rodriguez as Retired Annuitant	**5**

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

DRAFT

Resolution Number ____
July 17, 2025
RESOLUTION FOR EXCEPTION TO THE 180-DAY WAIT PERIOD
(Gov. C. Section 7522.56)

WHEREAS, in compliance with Government Code section 7522.56 the Sacramento Municipal Utility District (SMUD) must provide CalPERS this certification resolution when hiring a retiree before 180 days has passed since his or her retirement date; and

WHEREAS, Laurie Rodriguez will retire from SMUD in the position of Director People Services & Strategies, effective September 5, 2025; and

WHEREAS, section 7522.56 typically requires that post-retirement employment commence no earlier than 180 days after the retirement date, but grants an exception to that rule if the Board of Directors certifies (a) that a specific retired annuitant has the skills needed to perform work of limited duration and (b) the appointment is necessary to fill a critically needed position before the 180 days have passed; and

WHEREAS, Laurie Rodriguez is retiring on September 5, 2025, from her 14 years of employment with SMUD—the last nine years in which she has been serving as SMUD's Director People Services & Strategies; and

WHEREAS, Laurie Rodriguez certifies that she has not nor will she receive unemployment dating back one year prior to her being employed as a retired annuitant to SMUD; and

WHEREAS, Laurie Rodriguez's knowledge and experience is needed in the short term to assist SMUD through Labor Negotiations, provide knowledge transfer to SMUD's new Director People Services & Strategies, and to complete other ongoing projects of significant impact to SMUD that cannot wait until 180 days after her retirement date. Ms. Rodriguez is familiar with these needs and is uniquely able to assist SMUD; and

WHEREAS, this Resolution was adopted at a properly noticed public meeting and was not placed on the consent calendar, in compliance with Government Code section 7522.56(f)(1).

THEREFORE, BE IT RESOLVED THAT the Board of Directors hereby certifies the nature of the appointment of Laurie Rodriguez as described herein and that this appointment is necessary to fill the critically needed position of human resources consultant that cannot wait until 180 days after Laurie Rodriguez's retirement. The Board of Directors further certifies that, per SMUD's discretion, Laurie Rodriguez will be permitted to work up to 960 hours in the CalPERS 2025 and 2026 fiscal years at her regular hourly rate of pay ($127.46/hr.) receiving no other compensation and no other benefits except those that are provided to retired employees.

DRAFT

BY

Gregg Fishman

President of the
SMUD Board of Directors

SSS No. CFO 25-012

BOARD AGENDA ITEM

STAFFING SUMMARY SHEET

Committee Meeting & Date
N/A
Board Meeting Date
July 17, 2025

TO		TO	
1.	Scott Martin	6.	
2.		7.	
3.		8.	
4.		9.	**Legal**
5.		10.	**CEO & General Manager**

Consent Calendar		**Yes**	X	**No** *If no, schedule a dry run presentation.*	**Budgeted**	X	**Yes**		**No** *(If no, explain in Cost/Budgeted section.)*

FROM (IPR)	DEPARTMENT	MAIL STOP	EXT.	DATE SENT
Lisa Limcaco	Accounting	B352	7045	07/02/25

NARRATIVE:

Requested Action: Provide the Board with SMUD's financial results for the year-to-date period and a summary of SMUD's current Power Supply Costs.

Summary: Staff will present SMUD's financial results for the year-to-date period and a summary of SMUD's current Power Supply Costs to the Board of Directors.

Board Policy: *(Number & Title)* Governance Process GP-3, Board Job Description

Benefits: Provide Board members with information regarding SMUD's financial position and SMUD's current power supply costs.

Cost/Budgeted: Included in budget for internal labor.

Alternatives: Provide information via written memo/report to the Board.

Affected Parties: Accounting

Coordination: Accounting

Presenter: Lisa Limcaco, Director of Accounting & Controller

Additional Links:

SUBJECT	ITEM NO. *(FOR LEGAL USE ONLY)*
SMUD's Financial Results & Power Supply Costs	**6**

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
OFFICE MEMORANDUM

TO: Distribution

DATE: June 24, 2025
ACC 25-019

FROM: Michael Wilson / Lisa Limcaco

SUBJECT: **MAY 2025 FINANCIAL RESULTS AND OPERATIONS DATA**

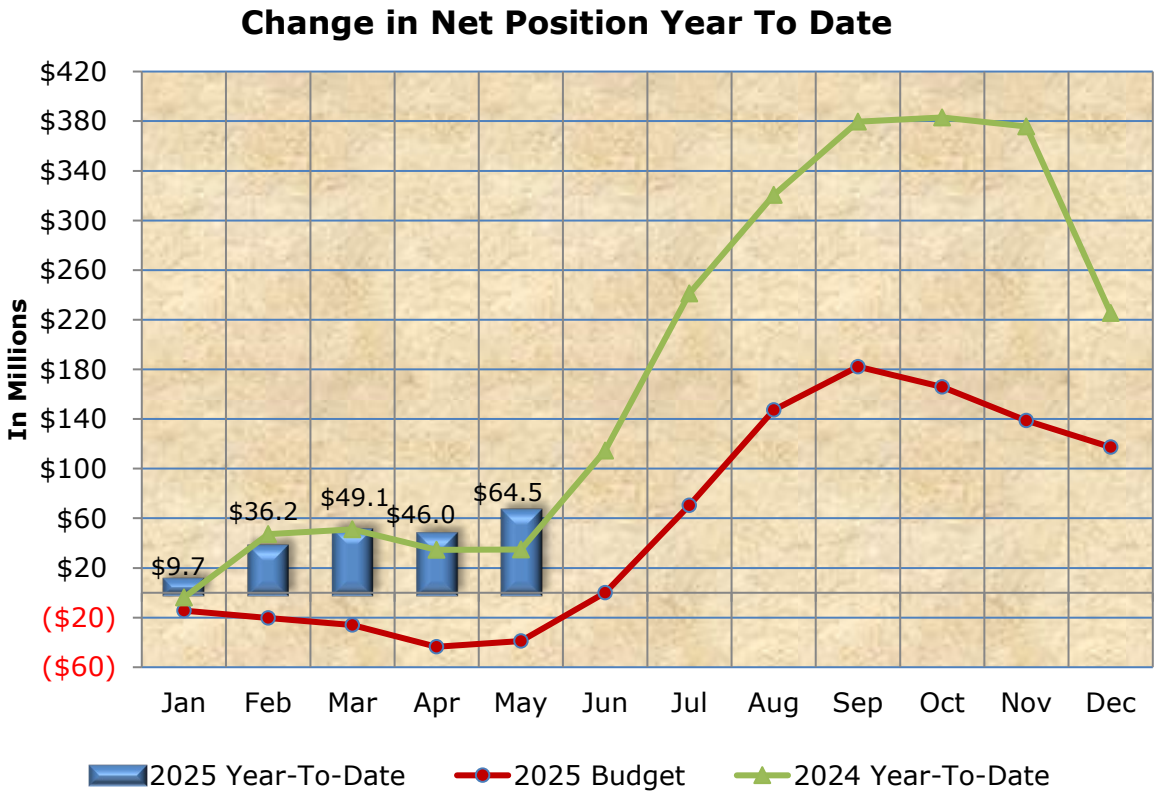
We are attaching the financial and operating reports for the five months of 2025. They include sales and generation statistics and other selected data.

The change in net position is an increase of $64.5 million compared to a budgeted decrease of $38.9 million, resulting in a favorable variance of $103.4 million.

We prepared these statements on the accrual basis of accounting, and they conform to generally accepted accounting principles. The bases for the budget amounts are:

1) Budgeted electric revenues are based on the Forecast of Revenues by the Pricing Department, adjusted for unbilled revenues; and

2) Budgeted operating expenses reflect the 2025 Budget approved by the Board of Directors on December 12, 2024.



SACRAMENTO MUNICIPAL UTILITY DISTRICT
EXECUTIVE SUMMARY
For the Five Months Ended May 31, 2025

Net Position

- The change in net position is an increase of $64.5 million compared to a budgeted decrease of $38.9 million, resulting in a favorable variance of $103.4 million.

Revenues

- Revenues from sales to customers were $619.0 million, which was $33.4 million higher than planned. The increase is primarily due to:
  - Higher commercial sales of $18.6 million primarily due to demand and capacity revenues being higher than planned.
  - Higher residential sales of $13.6 million primarily due to higher customer usage.
  - Lower provision for uncollectible accounts of $1.2 million. The current balance of the accumulated provision is sufficient to cover write-offs of arrears.
- Revenues under the California Global Warming Solutions Act (Assembly Bill [AB] – 32) were $10.0 million. This is due to carbon allowances sold through the state sanctioned quarterly auctions.
- Low Carbon Fuel Standard (LCFS) revenues were $3.5 million due to LCFS credit sales.
- Non-cash revenues transferred to the stabilization fund were $17.3 million, of which $10.3 million was for AB-32, $3.5 million was for the annual WAPA Hydro Generation Adjustment and $3.5 million was for LCFS. Funds are deferred until SMUD has qualified program expenses (projects that reduce carbon emissions or electric vehicle programs) to recognize revenue.
- Non-cash revenues transferred from the rate stabilization fund were $21.5 million, which is $12.4 million higher than plan. The increase is primarily due to $8.9 million of revenue recognized for AB-32 and $7.2 million was for revenue recognized for the annual Hydro Generation Adjustment.

Commodities, Purchased Power, and Production

- SMUD's generation was lower by 30 GWh (1.0 percent); JPA and other generation was lower by 30 GWh (1.4 percent); and Hydro generation was lower by 60 GWh (6.8 percent).
- Purchased power expense of $118.0 million, less surplus power sales of $35.6 million was $82.4 million, which was $4.9 million higher than planned. This increase is due to lower hydro and thermal generation that led to increased market purchases at favorable market prices.
- Production operations cost of $121.6 million less surplus gas sales of $24.5 million, was $97.1 million, which was $9.2 million lower than planned.
  - Fuel costs of $66.3 million less surplus gas sales of $24.5 million, was $41.8 million, which was $2.4 million lower than planned. This is primarily due to the reduction of thermal generation because it was more economical to procure power at favorable market prices.
- The "power margin", or sales to customers less cost of purchased power, production operations costs and gas hedges included in investment revenue was $439.1 million, which was $37.2 million higher than planned. The power margin as a percentage of sales to customers was 70.9 percent, which was 2.3 percent higher than planned. This is due to higher sales to customers and lower production costs due to lower fuel costs.

Other Operating Expenses

- All other operating expenses were $408.9 million, which was $36.7 million lower than planned.
  - Transmission and distribution operations expenses were down $13.7 million primarily due to lower cost of transmission fees than planned.
  - Customer service and information expenses were down $5.0 million primarily due to lower participation in My Energy Optimizer Partner, and delays to School Hosted Solar program and transportation electrification projects.
  - Administrative & General expenses were down $18.0 million primarily due to a slower start to projects such as Agile product teams, Extended Day Ahead Market, and Enterprise Asset analytics projects.
  - Public Good expenses were higher by $5.5 million primarily due to higher than planned rebate volume and more participation in low income building electrification programs such as Community Impact Plan Meadowview project.

- Transmission and distribution maintenance expenses were $5.6 million lower than planned. This is primarily due to lower vegetation management costs as a result of lower unit costs from two new contracts awarded in late 2024.

Non-operating Revenues and Expenses

- Other revenue, net, was $11.9 million higher than planned primarily due to higher interest income and a payment of $5.0 million received related to the Rancho Seco Solar power purchase agreement.
- Interest charges were $6.9 million lower than planned due to lower interest expense and the gain on the Sacramento Municipal Utility District Financing Authority bond defeasance.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
For the Month Ended May 31, 2025
(thousands of dollars)

	Actual	Budget	Over (Under)	Percent of Increase (Decrease)
OPERATING REVENUES				
Sales to customers	$ 135,739	$ 125,653	$ 10,086	8.0 %
Sales of surplus power	4,810	6,620	(1,810)	(27.3)
Sales of surplus gas	3,469	-	3,469	*
AB-32 revenue	4,191	-	4,191	*
Other electric revenue	3,286	3,380	(94)	(2.8)
Revenue to rate stabilization fund	(4,445)	-	(4,445)	*
Revenue from rate stabilization fund	952	2,229	(1,277)	(57.3)
Total operating revenues	148,002	137,882	10,120	7.3
OPERATING EXPENSES				
Operations				
Purchased power	27,349	24,834	2,515	10.1
Production	22,314	14,037	8,277	59.0
Transmission and distribution	7,823	10,676	(2,853)	(26.7)
Customer accounts	4,665	4,747	(82)	(1.7)
Customer service and information	7,078	8,525	(1,447)	(17.0)
Administrative and general	15,464	19,510	(4,046)	(20.7)
Public good	7,997	5,203	2,794	53.7
Total operations	92,690	87,532	5,158	5.9
Maintenance				
Production	2,290	2,022	268	13.3
Transmission and distribution	9,197	10,627	(1,430)	(13.5)
Total maintenance	11,487	12,649	(1,162)	(9.2)
Depreciation and amortization				
Depreciation and amortization	23,205	24,762	(1,557)	(6.3)
Amortization of regulatory asset	4,574	3,883	691	17.8
Total depreciation and amortization	27,779	28,645	(866)	(3.0)
Total operating expenses	131,956	128,826	3,130	2.4
OPERATING INCOME	16,046	9,056	6,990	77.2
NON-OPERATING REVENUES AND EXPENSES				
Other revenues/(expenses)				
Interest income	3,908	2,539	1,369	53.9
Investment revenue (expense)	(191)	-	(191)	*
Other income (expense) - net	2,838	439	2,399	546.5
Unrealized holding gains (losses)	(706)	-	(706)	*
Revenue - CIAC	1,792	1,815	(23)	(1.3)
Total other revenues	7,641	4,793	2,848	59.4
Interest charges				
Interest on long-term debt	8,003	8,463	(460)	(5.4)
Interest on commercial paper and other	81	780	(699)	(89.6)
Gain on extinguishment of debt	(2,930)	-	(2,930)	*
Total interest charges	5,154	9,243	(4,089)	(44.2)
CHANGE IN NET POSITION	$ 18,533	$ 4,606	$ 13,927	302.4 %

* Equals 1000% or greater.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
For the Five Months Ended May 31, 2025
(thousands of dollars)

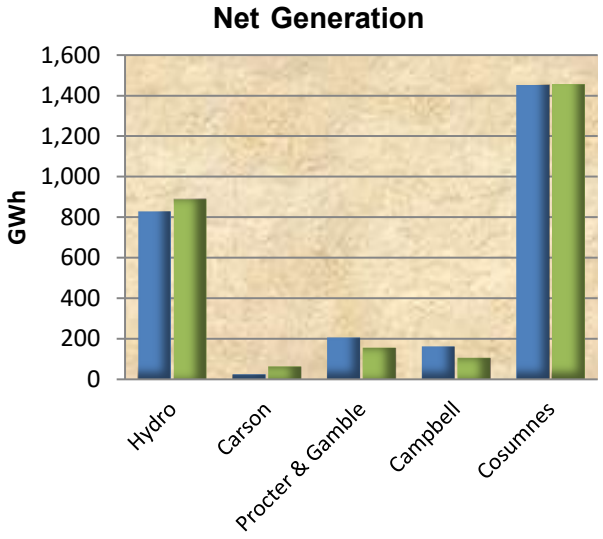
	Actual	Budget	Over (Under)	Percent of Increase (Decrease)
OPERATING REVENUES				
Sales to customers	$ 619,043	$ 585,610	$ 33,433	5.7 %
Sales of surplus power	35,641	46,601	(10,960)	(23.5)
Sales of surplus gas	24,521	-	24,521	*
SB-1 revenue (deferral)/recognition, net	190	-	190	*
AB-32 revenue	10,045	-	10,045	*
LCFS revenue	3,457	-	3,457	*
Other electric revenue	18,263	16,890	1,373	8.1
Revenue to rate stabilization fund	(17,277)	-	(17,277)	*
Revenue from rate stabilization fund	21,495	9,093	12,402	136.4
Total operating revenues	715,378	658,194	57,184	8.7
OPERATING EXPENSES				
Operations				
Purchased power	117,981	124,060	(6,079)	(4.9)
Production	121,615	106,293	15,322	14.4
Transmission and distribution	37,072	50,728	(13,656)	(26.9)
Customer accounts	23,853	23,355	498	2.1
Customer service and information	35,679	40,726	(5,047)	(12.4)
Administrative and general	77,218	95,260	(18,042)	(18.9)
Public good	28,693	23,186	5,507	23.8
Total operations	442,111	463,608	(21,497)	(4.6)
Maintenance				
Production	23,840	23,309	531	2.3
Transmission and distribution	45,593	51,148	(5,555)	(10.9)
Total maintenance	69,433	74,457	(5,024)	(6.7)
Depreciation and amortization				
Depreciation and amortization	116,425	118,498	(2,073)	(1.7)
Amortization of regulatory asset	20,553	19,414	1,139	5.9
Total depreciation and amortization	136,978	137,912	(934)	(0.7)
Total operating expenses	648,522	675,977	(27,455)	(4.1)
OPERATING INCOME (LOSS)	66,856	(17,783)	84,639	476.0
NON-OPERATING REVENUES AND EXPENSES				
Other revenues (expenses)				
Interest income	19,169	12,630	6,539	51.8
Investment revenue (expense)	(522)	-	(522)	*
Other income (expense) - net	8,007	2,106	5,901	280.2
Unrealized holding gains	188	-	188	*
Revenue - CIAC	8,897	9,062	(165)	(1.8)
Total other revenues	35,739	23,798	11,941	50.2
Interest charges				
Interest on long-term debt	40,286	42,311	(2,025)	(4.8)
Interest on commercial paper and other	711	2,616	(1,905)	(72.8)
Gain on extinguishment of debt	(2,930)	-	(2,930)	*
Total interest charges	38,067	44,927	(6,860)	(15.3)
CHANGE IN NET POSITION	$ 64,528	$ (38,912)	$ 103,440	265.8 %

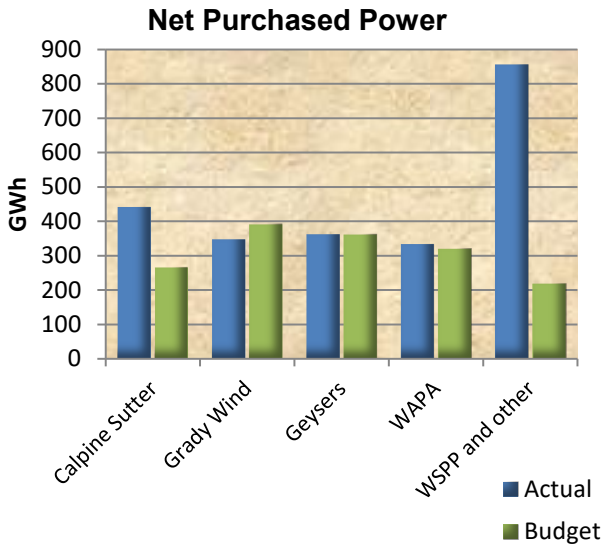
* Equals 1000% or greater.

SACRAMENTO MUNICIPAL UTILITY DISTRICT
SOURCES AND USES OF ENERGY - COMPARED TO BUDGET
For the Period Ended May 31, 2025

	Month		Increase (Decrease)	Year to Date		Increase (Decrease)
Sources of Energy (GWh)	Actual	Budget	Percentage	Actual	Budget	Percentage
Net Generated						
Hydro	197	213	(7.5)	828	888	(6.8)
Carson Power Plant	1	-	*	25	65	(61.5)
Procter & Gamble Power Plant	40	5	700.0	207	156	32.7
Campbell Power Plant	21	-	*	163	107	52.3
Cosumnes Power Plant	279	212	31.6	1,453	1,456	(0.2)
Other	101	101	0.0	282	316	(10.8)
Total net generation	639	531	20.3	2,958	2,988	(1.0)
Purchased Power less transmission losses:						
CalEnergy	19	19	0.0	70	92	(23.9)
Calpine Sutter	71	-	*	442	266	66.2
Drew Solar	34	32	6.3	131	123	6.5
Feed in Tariff	24	25	(4.0)	81	85	(4.7)
Geysers	75	74	1.4	363	362	0.3
Grady Wind	58	82	(29.3)	348	391	(11.0)
Rancho Seco PV II	38	37	2.7	127	130	(2.3)
WAPA	93	124	(25.0)	334	320	4.4
WSPP and other	187	77	142.9	857	219	291.3
Other long term power	59	61	(3.3)	199	235	(15.3)
Total net purchases	658	531	23.9	2,952	2,223	32.8
Total sources of energy	1,297	1,062	22.1	5,910	5,211	13.4
Uses of energy:						
SMUD electric sales and usage	855	798	7.1	3,999	3,883	3.0
Surplus power sales	429	232	84.9	1,816	1,165	55.9
System losses	13	32	(59.4)	95	163	(41.7)
Total uses of energy	1,297	1,062	22.1 %	5,910	5,211	13.4 %

* Change equals 1000% or more.





Net generation is lower than planned for the five-month period.

- Hydro generation is lower than planned (6.8 percent).
- JPA generation is higher than planned (3.6 percent).

Purchased power, less surplus power sales, is higher than plan (7.4 percent).

SACRAMENTO MUNICIPAL UTILITY DISTRICT
STATEMENTS OF NET POSITION
May 31, 2025 and 2024
(thousands of dollars)

A S S E T S

	SMUD	SFA	NCEA	NCGA #1	Intercompany Eliminations	Total 2025	Total 2024
ELECTRIC UTILITY PLANT							
Plant in service, original cost	$ 6,908,277	$ 984,647	$ -	$ -	$ (4,578)	$ 7,888,346	$ 7,380,699
Less accumulated depreciation	3,178,946	743,736	-	-	(1,191)	3,921,491	3,724,734
Plant in service - net	3,729,331	240,911	-	-	(3,387)	3,966,855	3,655,965
Construction work in progress	607,587	18,868	-	-	-	626,455	694,953
Investment in Joint Power Agencies	345,816	-	-	-	(304,894)	40,922	38,445
Total electric utility plant - net	4,682,734	259,779	-	-	(308,281)	4,634,232	4,389,363
RESTRICTED ASSETS							
Revenue bond reserves	-	-	-	-	-	-	1,027
Restricted for payment of debt service	93,786	-	-	-	-	93,786	92,765
JPA funds	-	-	25,490	29,130	-	54,620	55,623
Nuclear decommissioning trust fund	10,085	-	-	-	-	10,085	9,623
Rate stabilization fund	343,656	-	-	-	-	343,656	208,570
Other funds	68,587	-	4,198	16	-	72,801	44,722
Due (to) from unrestricted funds (decommissioning)	(6,684)	-	-	-	-	(6,684)	(6,684)
Due (to) from restricted funds (decommissioning)	6,684	-	-	-	-	6,684	6,684
Less current portion	(145,875)	-	(29,688)	(29,146)	-	(204,709)	(172,416)
Total restricted assets	370,239	-	-	-	-	370,239	239,914
CURRENT ASSETS							
Cash, cash equivalents and investments							
Unrestricted	436,051	11,062	-	-	-	447,113	590,405
Restricted	145,875	-	29,688	29,146	-	204,709	172,416
Accounts receivable - net	289,571	34,072	-	2,929	(53,676)	272,896	232,911
Lease receivable	766	-		-	(225)	541	675
Energy efficiency loans due within one year	139	-	-	-	-	139	139
Interest receivable	6,864	288	-	18	-	7,170	7,153
Lease interest receivable	83	-	-	-	(19)	64	48
Regulatory costs to be recovered within one year	93,595	-	-	105	-	93,700	75,068
Derivative financial instruments maturing within in one year	14,143	-	-	-	-	14,143	25,652
Inventories	175,700	17,930	-	-	-	193,630	169,549
Prepaid gas to be delivered within one year	-	-	9,542	33,495	-	43,037	39,590
Prepayments and other	32,735	13,206	-	16	-	45,957	31,225
Total current assets	1,195,522	76,558	39,230	65,709	(53,920)	1,323,099	1,344,831
NONCURRENT ASSETS							
Regulatory costs for future recovery							
Decommissioning	94,947	-	-	-	-	94,947	98,315
Pension	617,302	-	-	-	-	617,302	534,205
OPEB	306,976	-	-	-	-	306,976	303,414
Bond Issues	-	-	-	114	-	114	749
Derivative financial instruments	118	-	-	-	-	118	481
Derivative financial instruments	38,800	-	-	-	-	38,800	38,511
Prepaid gas	-	-	684,791	37,545	-	722,336	765,373
Lease receivable	19,723	-	-	-	(3,300)	16,423	17,116
Energy efficiency loans - net	123	-	-	-	-	123	242
Other	92,358	9	-	17	-	92,384	79,681
Total noncurrent assets	1,170,347	9	684,791	37,676	(3,300)	1,889,523	1,838,087
TOTAL ASSETS	$ 7,418,842	$ 336,346	$ 724,021	$ 103,385	$ (365,501)	$ 8,217,093	$ 7,812,195
DEFERRED OUTFLOWS OF RESOURCES							
Accumulated decrease in fair value of hedging derivatives	24,731	-	-	-	-	24,731	53,155
Deferred pension outflows	143,317	-	-	-	-	143,317	140,837
Deferred OPEB outflows	50,990	-	-	-	-	50,990	56,729
Deferred ARO outflows	-	697	-	-	-	697	1,415
Unamortized bond losses - other	27,626	-	-	-	-	27,626	32,090
TOTAL DEFERRED OUTFLOWS OF RESOURCES	246,664	697	-	-	-	247,361	284,226
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	$ 7,665,506	$ 337,043	$ 724,021	$ 103,385	$ (365,501)	$ 8,464,454	$ 8,096,421

SACRAMENTO MUNICIPAL UTILITY DISTRICT
STATEMENTS OF NET POSITION
May 31, 2025 and 2024
(thousands of dollars)

LIABILITIES AND NET ASSETS

	SMUD	SFA	NCEA	NCGA #1	Intercompany Eliminations	Total 2025	Total 2024
LONG-TERM DEBT - NET	$ 2,382,507	$ -	$ 719,311	$ 66,245	$ -	$ 3,168,063	3,416,853
CURRENT LIABILITIES							
Commercial paper notes	75,000	-	-	-	-	75,000	-
Accounts payable	136,173	8,438	-	87	-	144,698	106,414
Purchased power payable	60,108	18,481	-	1,918	(53,676)	26,831	32,837
Credit support collateral obligation	10,041	-	-	-	-	10,041	12,447
Long-term debt due within one year	90,045	-	5,455	28,295	-	123,795	123,235
Accrued decommissioning	7,471	-	-	-	-	7,471	7,140
Interest payable	22,723	-	11,495	593	-	34,811	35,256
Accrued interest liability	418	27	-	-	(19)	426	283
Accrued salaries and compensated absences	68,244	-	-	-	-	68,244	55,436
Derivative financial instruments maturing within one year	21,787	-	-	-	-	21,787	35,835
Customer deposits	2,939	-	-	-	-	2,939	2,093
Lease and subscription software liability	35,743	306	-	-	(225)	35,824	32,071
Other	55,074	-	-	-	-	55,074	51,773
Total current liabilities	585,766	27,252	16,950	30,893	(53,920)	606,941	494,820
NONCURRENT LIABILITIES							
Accrued decommissioning - net	98,348	10,467	-	-	-	108,815	111,420
Derivative financial instruments	3,351	-	-	-	-	3,351	19,481
Net pension liability	308,369	-	-	-	-	308,369	259,010
Net OPEB liability	22,358	-	-	-	-	22,358	25,334
Lease liability	32,720	4,567	-	-	(3,300)	33,987	61,159
Other	125,939	-	61	-	-	126,000	87,936
Total noncurrent liabilities	591,085	15,034	61	-	(3,300)	602,880	564,340
TOTAL LIABILITIES	3,559,358	42,286	736,322	97,138	(57,220)	4,377,884	4,476,013
DEFERRED INFLOWS OF RESOURCES							
Accumulated increase in fair value of hedging derivatives	52,897	-	-	-	-	52,897	62,542
Deferred pension inflows	765	-	-	-	-	765	8,416
Deferred OPEB inflows	15,238	-	-	-	-	15,238	30,616
Deferred lease inflows	19,487	-	-	-	(3,387)	16,100	17,059
Regulatory credits	1,087,582	-	-	-	-	1,087,582	840,988
Unamortized bond gains - other	31,317	-	2,375	-	-	33,692	35,296
Unearned revenue	3,610	39	-	-	-	3,649	3,858
TOTAL DEFERRED INFLOWS OF RESOURCES	1,210,896	39	2,375	-	(3,387)	1,209,923	998,775
NET POSITION							
Balance at beginning of year	2,840,490	261,626	(13,147)	6,646	(283,496)	2,812,119	2,586,698
Net increase (decrease) for the year	54,762	11,803	(1,588)	(449)	-	64,528	34,935
Member contributions (distributions) - net	-	21,289	59	50	(21,398)	-	-
TOTAL NET POSITION	2,895,252	294,718	(14,676)	6,247	(304,894)	2,876,647	2,621,633
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	$ 7,665,506	$ 337,043	$ 724,021	$ 103,385	$ (365,501)	$ 8,464,454	$ 8,096,421

SACRAMENTO MUNICIPAL UTILITY DISTRICT
STATEMENTS OF CASH FLOWS
For the Period Ended May 31, 2025
(thousands of dollars)

	Month	Year to Date
CASH FLOWS FROM OPERATING ACTIVITIES		
Receipts from customers	$ 125,459	$ 662,869
Receipts from surplus power and gas sales	10,651	61,980
Other receipts	3,059	12,002
Payments to employees - payroll and other	(30,771)	(165,621)
Payments for wholesale power and gas purchases	(34,809)	(171,185)
Payments to vendors/others	(54,069)	(237,796)
Net cash provided by operating activities	19,520	162,249
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Interest on debt	-	(19,277)
Net cash used in noncapital financing activities	-	(19,277)
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Construction expenditures	(42,872)	(175,298)
Contributions in aid of construction	3,499	11,575
Repayments and refundings of debt	(74,775)	(74,775)
Issuance of commercial paper	25,000	75,000
Interest on debt	(16,530)	(54,611)
Lease and other receipts/payments - net	(4,276)	(15,067)
Net cash used in capital and related financing activities	(109,954)	(233,176)
CASH FLOWS FROM INVESTING ACTIVITIES		
Sales and maturities of securities	64,262	358,013
Purchases of securities	(60,394)	(341,347)
Interest and dividends received	3,136	19,484
Investment revenue/expenses - net	(195)	(514)
Net cash provided by investing activities	6,809	35,636
Net decrease in cash and cash equivalents	(83,625)	(54,568)
Cash and cash equivalents at the beginning of the month and year	445,888	416,831
Cash and cash equivalents at May 31, 2025	$ 362,263	$ 362,263
Cash and cash equivalents included in:		
Unrestricted cash and cash equivalents	$ 276,893	$ 276,893
Restricted and designated cash and cash equivalents	68,827	68,827
Restricted and designated assets (a component of the total of $370,239 at May 31, 2025)	16,543	16,543
Cash and cash equivalents at May 31, 2025	$ 362,263	$ 362,263