

# Board of Directors Meeting Agenda

Date: January 18, 2024

Time: 6:00 p.m.

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



# AGENDA

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

*January 18, 2024 – 6:00 p.m.*

### Virtual Viewing or Attendance:

Live video streams (view-only) and indexed archives of meetings are available at:  
[http://smud.granicus.com/ViewPublisher.php?view\\_id=16](http://smud.granicus.com/ViewPublisher.php?view_id=16)

**Zoom Webinar Link:** [Join Board of Directors Meeting Here](#)

**Webinar/Meeting ID:** 160 358 4268

**Passcode:** 128648

**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:

- Registering in advance of a meeting by sending an email to [PublicComment@smud.org](mailto:PublicComment@smud.org), making sure to include the commenter's name, date of the meeting, and topic or agenda item for comment. Microphones will be enabled for virtual or telephonic attendees at the time public comment is called and when the commenter's name is announced.
- 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](mailto:PublicComment@smud.org) or by mailing or bringing physical copies to 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. Commendation Resolution for Director Sanborn.

*Presenter: President Herber*

3. Committee Chair Reports.
  - a. Committee Chair report of January 16, 2024, Finance and Audit Committee
  - b. Committee Chair report of January 17, 2024, Policy Committee

**Items 6 through 9 were reviewed by the January 16, 2024, Finance and Audit Committee.**

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

**Consent Calendar:**

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 December 15, 2023, through January 15, 2024, and technology reimbursement requests for purchases or repairs (pursuant to Resolution No. 19-12-05).
5. Approval of the minutes of the meeting of December 14, 2023.
6. Authorize the Chief Executive Officer and General Manager to execute the third amendment to the **California Oregon Transmission Project (COTP) Long-Term Layoff Agreement (Agreement)** by and among the **Transmission Agency of Northern California (TANC)** and certain of its members, namely, **SMUD, Modesto Irrigation District (MID), Turlock Irrigation District (TID), the City of Palo Alto, and the City of Roseville**, substantially in form attached, to extend the existing **Agreement** for an additional 10 years to January 31, 2034. **Finance and Audit Committee 1/16. (Lora Anquay)**
7. Authorize the Chief Executive Officer and General Manager to award contracts to **Siemens Energy, Inc., ILJIN Electric USA, Inc., Mader Supply LLC, PTI Transformers LP, and WEG Transformers USA LLC** to manufacture and provide generation, distribution and transmission power transformers during the five-year period of February 1, 2024, to January 31, 2029, with one optional two-year extension for a total aggregate contract not-to-exceed amount of \$250 million. **Finance and Audit Committee 1/16. (Frankie McDermott)**
8. Authorize the Chief Executive Officer and General Manager to negotiate and award a sole source contract to **Siemens Industry, Inc.** for the upgrade of their proprietary **Energy Management System (EMS)** for the term January 19, 2024, through December 31, 2026, for a total not-to-exceed amount of \$6 million. **Finance and Audit Committee 1/16. (Frankie McDermott)**
9. Authorize the Chief Executive Officer and General Manager to award contracts to **Arrow Construction, Nyecon, Inc., Roebbelen Contracting, Inc., and Sierra National Construction, Inc.** to provide general building construction and support services for a three-year term from January 22, 2024, to January 21, 2027, with three optional one-year extensions, for a total aggregate contract not-to-exceed amount of \$30 million. **Finance and Audit Committee 1/16. (Jennifer Davidson)**

**Public Comment:**

- 10. Items not on the agenda.

\* \* \* \* \*

**Board and CEO Reports:**

- 11. Directors' Reports.
- 12. President's Report.
- 13. CEO's Report.
  - a. Board Video

**Summary of Board Direction**

\* \* \* \* \*

***ANNOUNCEMENT OF CLOSED SESSION AGENDA:***

- 1. **Conference with Legal Counsel – Anticipated Litigation.**

Pursuant to Section 54956.9(d)(4) of the Government Code:

One case.

\* \* \* \* \*

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

January 16, 2024	Finance and Audit Committee and Special SMUD Board of Directors Meeting	Auditorium*	6:00 p.m.
January 17, 2024	Policy Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.
February 6, 2024	Strategic Development Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.
February 7, 2024	Policy Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.
February 13, 2024	Finance and Audit Committee and Special SMUD Board of Directors Meeting	Auditorium	6:00 p.m.
February 13, 2024	Energy Resources & Customer Services Committee and Special SMUD Board of Directors Meeting	Auditorium	Immediately following the Finance and Audit Committee and Special SMUD Board of Directors Meeting scheduled to begin at 6:00 p.m.

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

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

February 15, 2024

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](http://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](mailto:Toni.Stelling@smud.org), or contact by phone at 1-916-732-7143, no later than 48 hours before this meeting.*



SSS No. LEG 2024-0003

# BOARD AGENDA ITEM

## STAFFING SUMMARY SHEET

Committee Meeting & Date N/A
Board Meeting Date January 18, 2024

TO	TO
1.	6.
2.	7.
3.	8.
4.	9. <b>Legal</b>
5.	10. <b>CEO &amp; General Manager</b>

<b>Consent Calendar</b>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b> <i>If no, schedule a dry run presentation.</i>	<b>Budgeted</b>	<input checked="" type="checkbox"/>	<b>Yes</b>	<b>No</b> <i>(If no, explain in Cost/Budgeted section.)</i>
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FROM (IPR) Laura Lewis	DEPARTMENT Executive Office	MAIL STOP B308	EXT. 6123	DATE SENT 01/07/24
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**NARRATIVE:**

**Requested Action:** Approve commendation resolution for Director Sanborn.

**Summary:** The SMUD Board of Directors is composed of seven members, elected by the communities they serve. The duties of the Board President are defined by the Municipal Utility District (MUD) Act (California Public Utilities Code §§ 11501, et seq.), and during each one-year term, the Board President’s job is to establish policies and values about how SMUD serves its customers and community and to set the long-term direction for SMUD.

As the elected representative from Ward 7, Director Sanborn served this Board well and faithfully as President for the year 2023. The Board would like to highlight the key accomplishments and contributions from Director Sanborn.

**Board Policy:** Governance Process GP-3, Board Job Description – g) Serve as ambassadors for SMUD and build relationships throughout SMUD’s service territory and the region.  
*(Number & Title)*

**Benefits:** Public acknowledgment of service.

**Cost/Budgeted:** This item has no direct budgetary impact.

**Alternatives:** N/A

**Affected Parties:** Board of Directors, Executive Office, Legal

**Coordination:** Board of Directors, Executive Office, Legal

**Presenter:** President Herber

**Additional Links:**

SUBJECT <b>Commendation Resolution for Director Sanborn</b>	ITEM NO. (FOR LEGAL USE ONLY) <b style="color: blue; font-size: 1.2em;">2</b>
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ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

**RESOLUTION NO. \_\_\_\_\_**

**WHEREAS**, Heidi Sanborn, as the elected representative from Ward 7, served this Board well and faithfully as President for the year 2023; and

**WHEREAS**, President Sanborn helped SMUD strengthen its reputation in 2023 as a leader in environmental stewardship, as well as a customer- and community-focused utility; and

**WHEREAS**, through President Sanborn’s leadership, SMUD continued progress in delivering on its 2030 Zero Carbon Plan, including recruiting tens of thousands of customers to Join the Charge, securing new clean energy resources and pursuing new partnerships, pilot programs and significant grant funding to ensure continued world-class reliability to support the most aggressive carbon reduction goal of any large utility in the U.S.; and

**WHEREAS**, despite broad inflation and cost pressures from supply chain constraints and increases in compliance requirements, SMUD was able to keep rates among the lowest in California – and more than 50 percent lower than neighboring PG&E; and

**WHEREAS**, SMUD, under President Sanborn’s leadership, sold \$200 million of our first-ever Climate Certified Green Bonds; and

**WHEREAS**, SMUD was once again the top-rated California electric utility in the J.D. Power and Associates surveys of residential and commercial customer satisfaction during President Sanborn’s term; and

**WHEREAS**, with President Sanborn's leadership, SMUD elevated its sustainability operations, adding our first all-electric tractor and diverting almost 2 million pounds of potential waste from landfills; and

**WHEREAS**, under President Sanborn's leadership, SMUD executed its Community Impact Plan to ensure that low-income customers and small/medium business customers are brought along on SMUD's journey to zero carbon; and

**WHEREAS**, President Sanborn guided SMUD and the Board through historic rain and wind storms and engaged customers to reduce their energy usage during summer heatwaves; and

**WHEREAS**, SMUD made significant progress on projects to make our power supply cleaner - including progress on the Solano 4 Wind project, Country Acres solar and storage project and partnering with Calpine Corporation on a successful grant for carbon capture and sequestration; and

**WHEREAS**, during President Sanborn's tenure, SMUD energized Station G, a state-of-the-art substation which will serve future load growth in the downtown area; and

**WHEREAS**, President Sanborn led the hiring of the Board Special Assistant and co-chaired the first-ever Joint Board of Directors Meeting of the Sacramento Area Council of Governments, the Sacramento Metropolitan Air Quality Management District, the Sacramento Municipal Utility District and the Sacramento Regional Transit District to discuss climate change and regional collaboration; and

**WHEREAS**, President Sanborn continued to be critical to community and outreach efforts, attending dozens of events and delivering 50 speeches and

presentations during the year, which included 2030 Clean Energy Vision messaging to encourage customer participation; and

**WHEREAS**, President Sanborn continued to faithfully serve her constituents in Ward 7, which includes Arden Arcade, Carmichael, Antelope, Foothill Farms and North Highlands; and

**WHEREAS**, the Board has benefited from President Sanborn's fair management of the Board meetings, as well as her enthusiastic representation of SMUD's ambitious goal to our partners, the public and media; **NOW, THEREFORE**,

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

This Board commends Heidi Sanborn for her outstanding and dedicated service to the Board, to SMUD, and to the Sacramento community during her tenure as President, and the Board looks forward to serving with her as she continues as the Director for Ward 7.





**RESOLUTION NO. \_\_\_\_\_**

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

**Section 1.** 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 December 15, 2023, through January 15, 2024.

**Section 2.** That this Board hereby approves Board member reimbursement requests for technology-related expenses (pursuant to Resolution No. 19-12-05).

**Board Member Request for Approval of Technology Reimbursement  
(pursuant to Governance Process GP-12, Board Compensation and Benefits)**

**Cell Phone Allowance (check only one box)**

- Low usage - \$8.75/per pay period  
5 hours or less of calls/texts per month
- Medium usage - \$16.25/per pay period  
5 hours to 24 hours of calls/texts per month
- High usage - \$26.25/per pay period  
More than 24 hours of calls/texts per month

**Data (check box if requested)**

- Email/Data Plan - \$20.00/per pay period

**Internet Access (check box if requested)**

- Internet access for laptops/tablets working remotely - \$16.00 per pay period

**Cell Phone Device Reimbursement (check only one box)**

- Reimbursement up to \$400 every 24 months for the purchase of a phone

*Note: \*Senior Leadership cannot combine both reimbursements toward a cell phone. If you receive \$400 for a cell phone reimbursement, you can only use the \$1000 to purchase a laptop or iPad/tablet. If you receive \$1000 for the purchase of a cell phone, you are not eligible to receive the \$400 cell phone reimbursement.*

**Laptop/Tablet/Computer/Cell Phone Device Reimbursement (check if requested)**

- Reimbursement up to \$1000 every 24 months for the purchase of a laptop/tablet or cell phone (see restrictions above with regard to cell phone purchases)

Date: 12-13-2023

Name: Brandon Rose

Signature: 

**Board Member Request for Approval of Technology Reimbursement  
(pursuant to Governance Process GP-12, Board Compensation and Benefits)**

**Cell Phone Allowance (check only one box)**

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More than 24 hours of calls/texts per month

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**Internet Access (check box if requested)**

- Internet access for laptops/tablets working remotely - \$16.00 per pay period

**Cell Phone Device Reimbursement (check only one box)**

- Reimbursement up to \$400 every 24 months for the purchase of a phone

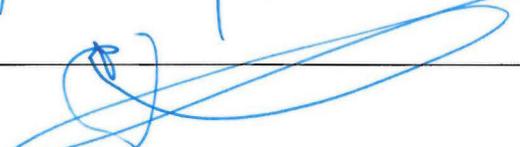
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**Laptop/Tablet/Computer/Cell Phone Device Reimbursement (check if requested)**

- Reimbursement up to \$1000 every 24 months for the purchase of a laptop/tablet or cell phone (see restrictions above with regard to cell phone purchases)

Date: 11/13/2023

Name: Xuanan Bai Thompson

Signature: 

**Board Member Request for Approval of Technology Reimbursement  
(pursuant to Governance Process GP-12, Board Compensation and Benefits)**

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Date: 11-13-2023

Name: Gregg B. Fisher

Signature: [Handwritten Signature]

**Board Member Request for Approval of Technology Reimbursement  
(pursuant to Governance Process GP-12, Board Compensation and Benefits)**

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- Reimbursement up to \$1000 every 24 months for the purchase of a laptop/tablet or cell phone (see restrictions above with regard to cell phone purchases)

Date: 12/12/23

Name: Rosanna Herber

Signature: Rosanna J. Herber

**Board Member Request for Approval of Technology Reimbursement  
(pursuant to Governance Process GP-12, Board Compensation and Benefits)**

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- Reimbursement up to \$1000 every 24 months for the purchase of a laptop/tablet or cell phone (see restrictions above with regard to cell phone purchases)

Date: 12/23/23

Name: ROB KERRH

Signature: 

**Board Member Request for Approval of Technology Reimbursement  
(pursuant to Governance Process GP-12, Board Compensation and Benefits)**

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**Laptop/Tablet/Computer/Cell Phone Device Reimbursement (check if requested)**

- Reimbursement up to \$1000 every 24 months for the purchase of a laptop/tablet or cell phone (see restrictions above with regard to cell phone purchases)

**Date:** January 2, 2024

**Name:** Dave Tamayo

**Signature:** 

**Board Member Request for Approval of Technology Reimbursement  
(pursuant to Governance Process GP-12, Board Compensation and Benefits)**

**Cell Phone Allowance (check only one box)**

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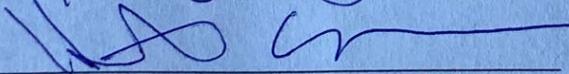
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Date: 11/24/23

Name: Heidi Sanborn

Signature: 



Sacramento, California

December 14, 2023

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, telephonically at 2005 Kalia Road, Honolulu, HI, and via virtual meeting (online) at 5:37 p.m.

Roll Call:

Presiding: President Sanborn

Present: Directors Rose (5:53 p.m.), Bui-Thompson, Fishman (5:54 p.m.), Herber, Kerth (5:57 p.m.), and Tamayo (telephonically)

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.

President Sanborn shared the 2030 Climate Action Tip.

President Sanborn called for approval of the agenda. Director Bui-Thompson moved for approval of the agenda, Vice President Herber seconded, and the agenda was approved by a vote of 4-0, with Directors Rose, Fishman, and Kerth absent.

President Sanborn announced the next agenda item was Committee Chair Reports, and she would postpone the item until Director Kerth's arrival since he was caught in traffic.

President Sanborn then called for public comment for items on the agenda, but none were forthcoming.

President Sanborn then addressed the consent calendar consisting of Items 3 through 11. Vice President Herber moved for approval of the consent calendar, Director Bui-Thompson seconded, and Resolution Nos. 23-12-01 through 23-12-08 were approved by a vote of 4-0, with Directors Rose, Fishman, and Kerth absent.

**RESOLUTION NO. 23-12-01**

**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 23-06-02) for the period of November 16, 2023, through December 14, 2023.

Approved: December 14, 2023

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

**RESOLUTION NO. 23-12-02**

**WHEREAS**, the Board of Directors currently delegates the authority to approve pay schedules and special compensation items to the Chief Executive Officer and General Manager; and

**WHEREAS**, the **California Public Employees' Retirement System (CalPERS)** adopted California Code of Regulations, Title 2, Sections 570.5 and 571(b), which require this Board to formally adopt pay schedules and special compensation items for purposes of calculating CalPERS retirement benefits; **NOW, THEREFORE,**

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

Adopt Sacramento Municipal Utility District's Pay Schedule and Special Compensation items for employees pursuant to California Code of Regulations, Title 2, Sections 570.5 and 571(b), substantially in the form of **Attachment A** and **Attachment B**.

Approved: December 14, 2023

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

2024 SMUD Wage Schedule  
Effective 12/16/2023

Attachment A  
to Resolution No. 23-12-02

Job ID	Job Title	Prob Per Mo	Pay Scale Group	Step 01	Step 02	Step 03	Step 04	Step 05	Step 06	Step 07	Step 08	Step 09	Step 10	Wage Type	Effective Date
50051540	Accountant Entry	F	PAS00430	\$74,900.80									\$99,216.00	Annually	12/16/2023
50051541	Accountant Journey	12	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50083082	Accounting Technician	6	OSE0680A	\$31.51	\$32.32	\$33.13	\$33.95	\$34.82	\$35.70	\$36.58	\$37.52	\$38.48		Hourly	12/16/2023
50051545	Administrative Supervisor	12	PAS00430	\$74,900.80									\$99,216.00	Annually	12/16/2023
50131376	Analyst Trainee	N/	PAS00390	\$67,870.40									\$89,980.80	Annually	12/16/2023
50157614	Art Director	12	PAS00620	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051631	Asset Protection Officer I	12	SECU220A	\$23.78	\$24.41	\$25.03	\$25.64	\$26.29	\$26.92	\$27.60	\$28.27	\$29.00		Hourly	12/16/2023
50051633	Asset Protection Officer II	12	SECU245A	\$30.17	\$30.93	\$31.69	\$32.49	\$33.31	\$34.17	\$34.98	\$35.88	\$36.78		Hourly	12/16/2023
50138722	Asset Supervisor Business Operations	12	PAS0062L	\$119,641.60									\$221,686.40	Annually	12/16/2023
50169886	Asset Supervisor Power Generation	12	PAS0062J	\$116,147.20									\$200,720.00	Annually	12/17/2022
50169886	Asset Supervisor Power Generation	12	PAS0062J	\$119,641.60									\$206,731.20	Annually	12/16/2023
50121495	Assistant Engineer	12	PAS00410	\$71,302.40									\$94,411.20	Annually	12/16/2023
50136460	Assistant General Manager	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50092300	Assistant Superintendent Power Generation	12	PAS00660	\$132,080.00									\$174,928.00	Annually	12/16/2023
50159051	Assistant Supervisor Telecommunication Operations and Management	12	PAS0059C	\$111,092.80									\$158,433.60	Annually	12/16/2023
50090360	Associate Civil Engineer Entry Level	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50097000	Associate Civil Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051553	Associate Desktop Support Specialist Closed Classification	F	PAS00450	\$78,686.40									\$104,187.20	Annually	12/16/2023
50083179	Associate Distribution Design Engineer Entry	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50051525	Associate Distribution Design Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50083180	Associate Distribution System Engineer Entry	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50051539	Associate Distribution System Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50083181	Associate Electrical Engineer Entry	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50051526	Associate Electrical Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50139912	Associate Energy Management System Engineer Entry Level	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50139910	Associate Energy Management System Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50121331	Associate Enterprise Technology Analyst Entry	F	PAS00450	\$78,686.40									\$104,187.20	Annually	12/16/2023
50121274	Associate Enterprise Technology Developer Entry	F	PAS00450	\$78,686.40									\$104,187.20	Annually	12/16/2023
50168400	Associate Instrument and Controls Engineer Entry Level	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50108175	Associate Instrument and Controls Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051532	Associate Mechanical Engineer Entry Level	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50083182	Associate Mechanical Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50120408	Associate Power Operation Engineer Journey Level	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50134736	Associate Protection Engineer Entry Level	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50120123	Associate Protection Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50121906	Associate Telecommunication Engineer Entry	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50121894	Associate Telecommunication Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50123046	Associate Transmission Planning Engineer Entry	F	PAS00520	\$93,516.80									\$123,843.20	Annually	12/16/2023
50123047	Associate Transmission Planning Engineer Journey	12	PAS00590	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051556	Attorney Entry Level	N/	PAS00620	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051557	Attorney Journey Level	N/	PAS00660	\$132,080.00									\$174,928.00	Annually	12/16/2023
50054600	Board Member	N/	BOARD001	\$317.00										Per Meeting	12/16/2023
50051564	Body Fender Mechanic	12	IBEW884A	\$55.16										Hourly	12/16/2023
50160320	Business Continuity Program Manager	12	PAS00640	\$125,694.40									\$166,483.20	Annually	12/16/2023
50166420	Business Development Manager Customer Sales	N/	PAS0069B	\$142,188.80									\$197,891.20	Annually	12/16/2023
50083187	Business Planning Analyst Entry Level	F	PAS0043B	\$74,900.80									\$104,187.20	Annually	12/16/2023
50051560	Business Planning Analyst Journey	12	PAS0052B	\$93,516.80									\$130,062.40	Annually	12/16/2023
50051551	Business Technology Analyst Entry	F	PAS00450	\$78,686.40									\$104,187.20	Annually	12/16/2023
50051561	Business Technology Analyst Journey	12	PAS00540	\$98,217.60									\$130,062.40	Annually	12/16/2023
50111755	Business Technology Program Manager	12	PAS00660	\$132,080.00									\$174,928.00	Annually	12/16/2023
50088597	Business Transformation Specialist	12	PAS00640	\$125,694.40									\$166,483.20	Annually	12/16/2023
50084255	Business Unit Planning Coordinator	12	PAS0062B	\$119,641.60									\$166,483.20	Annually	12/16/2023
50051586	Cable Locator	12	IBEW873G	\$47.41	\$48.41	\$49.78	\$51.05	\$52.01						Hourly	12/16/2023
50051584	Cable Locator with class A	12	IBEW873M	\$48.56	\$49.56	\$50.93	\$52.20	\$53.16						Hourly	12/16/2023
50051585	Cable Locator with Hazmat	12	IBEW873X	\$48.67	\$49.67	\$51.03	\$52.32	\$53.28						Hourly	12/16/2023
50165732	Cable Splicer Construction Foreman/Woman	12	IBEW941I	\$79.69										Hourly	12/16/2023
50167676	Cable Splicer Construction Foreman/Woman with class A	12	IBEW941F	\$80.84										Hourly	12/16/2023
50051574	Cable Splicer/Electrician	12	IBEW923K	\$67.12										Hourly	12/16/2023
50083188	Cable Splicer/Electrician Apprentice	54	IBEW909A	\$43.65										Hourly	12/16/2023
50051575	Cable Splicer/Electrician Apprentice with class A	54	IBEW909B	\$44.80	\$47.27	\$49.79	\$52.32	\$54.87	\$57.39	\$59.85	\$62.40	\$64.89		Hourly	12/16/2023
50051579	Cable Splicer/Electrician Apprentice with hazmat	54	IBEW909C	\$44.92	\$47.39	\$49.91	\$52.44	\$54.99	\$57.51	\$59.97	\$62.52	\$65.01		Hourly	12/16/2023
50051844	Cable Splicer/Electrician Foreman/Woman	12	IBEW937D	\$72.28										Hourly	12/16/2023
50051577	Cable Splicer/Electrician Foreman/Woman Light	12	IBEW942A	\$75.62										Hourly	12/16/2023
50051578	Cable Splicer/Electrician Foreman/Woman Light with class A	12	IBEW942L	\$76.77										Hourly	12/16/2023
50051576	Cable Splicer/Electrician with Class A	12	IBEW923L	\$68.27										Hourly	12/16/2023
50051583	Calibration Technician	12	IBEW925A	\$65.53										Hourly	12/16/2023
50166640	Category Manager	12	PAS00560	\$103,188.80									\$136,697.60	Annually	12/16/2023
50131457	Chief Customer Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50136448	Chief Diversity Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50051691	Chief Executive Officer and General Manager	N/	EXECU03E	\$575,000.00									\$1,000,000.00	Annually	12/16/2023
50107656	Chief Financial Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50159814	Chief Information Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50051558	Chief Legal & Government Affairs Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50170848	Chief Marketing & Communications Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50159810	Chief Operating Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50136450	Chief Strategy Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50169284	Chief Zero Carbon Officer	N/	EXECU01E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50051599	Civil Maintenance Foreman/Woman light	12	IBEW937G	\$69.15										Hourly	12/16/2023
50051600	Civil Maintenance Foreman/Woman light with class A	12	IBEW937L	\$70.30										Hourly	12/16/2023
50051601	Civil Maintenance Foreman/Woman light with hazmat	12	IBEW937X	\$70.42										Hourly	12/16/2023

N/ designates non-civil service jobs  
F designates non-journey nonrepresented flex jobs

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50123556	Claims Administrator Entry Level	F	PAS0045O	\$78,686.40										\$104,187.20	Annually	12/16/2023
50161455	Claims Administrator Journey	12	PAS0054O	\$98,217.60										\$130,062.40	Annually	12/16/2023
50051587	Combustible Turbine Foreman/Woman	12	IBEW945B	\$73.63											Hourly	12/16/2023
50051588	Combustible Turbine Technician	12	IBEW917A	\$63.26											Hourly	12/16/2023
50168961	Commercial and Industrial Energy Educator	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50134282	Communications Supervisor	12	PAS0059C	\$111,092.80										\$158,433.60	Annually	12/16/2023
50160594	Community Engagement Events Supervisor	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50132074	Community Engagement Representative	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50097275	Computer Operations Specialist Entry Level	6	OSE0680B	\$31.41	\$32.17	\$32.98	\$33.82	\$34.68	\$35.50	\$36.42	\$37.33	\$38.23			Hourly	12/16/2023
50097276	Computer Operations Specialist Journey	6	OSE0720B	\$38.22	\$39.21	\$40.20	\$41.19	\$42.21	\$43.26	\$44.31	\$45.44	\$46.57			Hourly	12/16/2023
50161490	Construction Contract Analyst Entry Level	F	PAS0043O	\$74,900.80										\$99,216.00	Annually	12/16/2023
50161492	Construction Contract Analyst Journey Level	12	PAS0052O	\$93,516.80										\$123,843.20	Annually	12/16/2023
50051605	Construction Management Inspector I	12	OSE0740A	\$42.21	\$43.26	\$44.31	\$45.44	\$46.56	\$47.76	\$48.95	\$50.21	\$51.43			Hourly	12/16/2023
50051606	Construction Management Inspector II	12	OSE0770B	\$49.63	\$50.87	\$52.13	\$53.43	\$54.80	\$56.13	\$57.58	\$58.96	\$60.48			Hourly	12/16/2023
50122929	Construction Management Inspector III	12	OSE0772A	\$52.12	\$53.40	\$54.75	\$56.09	\$57.53	\$58.92	\$60.44	\$61.91	\$63.51			Hourly	12/16/2023
50051616	Consulting Engineer II	12	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50135051	Coordinator Education Relations	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50084576	Coordinator Electric Transportation Projects	12	PAS0064O	\$125,694.40										\$166,483.20	Annually	12/16/2023
50051592	Coordinator Energy and Technology Center	12	PAS0059C	\$111,092.80										\$158,433.60	Annually	12/16/2023
50100156	Cost Schedule Specialist Entry	F	PAS0043O	\$74,900.80										\$99,216.00	Annually	12/16/2023
50051609	Cost Schedule Specialist Journey	12	PAS0052O	\$93,516.80										\$123,843.20	Annually	12/16/2023
50051610	Crafts Helper	12	IBEW828G	\$32.38	\$33.86	\$36.46	\$38.95	\$41.71							Hourly	12/16/2023
50083191	Crafts Helper with class A	12	IBEW828L	\$33.53	\$35.01	\$37.61	\$40.10	\$42.86							Hourly	12/16/2023
50051611	Crafts Helper with hazmat	12	IBEW828X	\$33.65	\$35.13	\$37.73	\$40.22	\$42.98							Hourly	12/16/2023
50124979	Critical Infrastructure Protection Compliance Specialist Entry Level	F	PAS0049O	\$86,819.20										\$115,044.80	Annually	12/16/2023
50124980	Critical Infrastructure Protection Compliance Specialist II	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50124981	Critical Infrastructure Protection Compliance Specialist Senior Level	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50051617	Custodian Closed Classification	12	IBEW800G	\$31.87	\$33.30	\$34.83	\$36.44								Hourly	12/16/2023
50051619	Customer Services Assistant	12	PAS0043O	\$74,900.80										\$99,216.00	Annually	12/16/2023
50051620	Customer Services Field Representative	6	OSE0725D	\$39.21	\$40.20	\$41.19	\$42.22	\$43.26	\$44.31	\$45.44	\$46.56	\$47.77			Hourly	12/16/2023
50051622	Customer Services Representative I	6	OSE0641A	\$29.71	\$30.46	\$31.22	\$31.99	\$32.79							Hourly	12/16/2023
50051618	Customer Services Representative II	6	OSE0680A	\$31.51	\$32.32	\$33.13	\$33.95	\$34.82	\$35.70	\$36.58	\$37.52	\$38.48			Hourly	12/16/2023
50092958	Customer Services Supervisor	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50167103	Cyber Security Engineer Entry	F	PAS0045O	\$78,686.40										\$104,187.20	Annually	12/16/2023
50167112	Cybersecurity Engineer Journey	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50167108	Cybersecurity Government And Computer Specialist Entry Level	F	PAS0045O	\$78,686.40										\$104,187.20	Annually	12/16/2023
50167109	Cybersecurity Government And Computer Specialist Journey Level	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50167110	Cybersecurity Risk Specialist Entry Level	F	PAS0045O	\$78,686.40										\$104,187.20	Annually	12/16/2023
50167111	Cybersecurity Risk Specialist Journey	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50051623	Data Base Administrator	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50051602	Data Center Operations Specialist	12	PAS0047O	\$82,700.80										\$109,470.40	Annually	12/16/2023
50113480	Deputy General Counsel	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50084608	Design and Standards Specialist	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50051643	Desktop Support Specialist Closed Classification	12	PAS0054O	\$98,217.60										\$130,062.40	Annually	12/16/2023
50170867	Director Community Relations Outreach & Support	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50051798	Director Accounting and Controller	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50126853	Director Advanced Energy Solutions	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50051816	Director Applications	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50051808	Director Audit Services	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50161661	Director Community Development and Business Attraction	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50160177	Director Customer and Grid Strategy	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50091654	Director Customer and Revenue Operations	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50142658	Director Customer Experience Delivery	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50126698	Director Customer Operations and Community Energy Services	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50161872	Director Cybersecurity	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50051820	Director Distribution Planning And Operations	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50123045	Director Diversity, Equity, Inclusion & Belonging	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50122304	Director Energy Trading & Contracts	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50160223	Director Environmental Safety & Real Estate Services	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50051801	Director Facilities Security & Emergency Operations	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50162575	Director Grid Assets Strategic Services	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50088304	Director Information Technology Infrastructure and Operations	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50160638	Director Information Technology Strategic Initiatives	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50051799	Director Line Assets	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50137965	Director Marketing and Corporate Communication	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50133151	Director People Services & Strategies	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50151556	Director Planning & Performance	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50091575	Director Power Generation	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50051856	Director Procurement, Warehouse & Fleet	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50124607	Director Reliability Compliance & Coordination	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50131456	Director Resource Strategy	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50051819	Director Substation Telecommunications & Metering Assets	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50166082	Director Sustainable Community Programs	N/	MGR0080G	\$184,350.40										\$256,776.00	Annually	12/16/2023
50145212	Director Transmission Planning & Operations	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50083424	Director Treasury & Treasurer	N/	MGR0085G	\$202,529.60										\$282,027.20	Annually	4/22/2023
50083424	Director Treasury & Treasurer	N/	MGR0085G	\$208,603.20										\$290,492.80	Annually	12/16/2023
50140181	Distribution Line Design Supervisor	12	PAS0062T	\$119,641.60										\$174,948.80	Annually	12/16/2023
50051628	Distribution System Operator I	12	IBEW928J	\$67.65	\$69.35	\$71.14	\$73.00	\$74.84	\$76.76	\$78.68	\$80.79	\$82.83			Hourly	12/17/2022
50051628	Distribution System Operator I	12	IBEW928J	\$69.68	\$71.43	\$73.27	\$75.19	\$77.09	\$79.06	\$81.04	\$83.21	\$85.31			Hourly	12/16/2023
50051629	Distribution System Operator II	12	IBEW992D	\$86.98											Hourly	12/17/2022
50051629	Distribution System Operator II	12	IBEW992D	\$89.59											Hourly	12/16/2023
50051630	Distribution System Specialist	12	PAS0066A	\$132,080.00										\$179,275.20	Annually	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

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50051624	Document Record Specialist I	6	OSE0615A	\$22.70	\$23.27	\$23.85	\$24.42	\$25.03	\$25.68	\$26.31	\$26.97	\$27.66		Hourly	12/16/2023
50051625	Document Record Specialist II	6	OSE0634B	\$24.89	\$25.50	\$26.19	\$26.82	\$27.50	\$28.22	\$28.91	\$29.65	\$30.37		Hourly	12/16/2023
50090307	Document Record Specialist Journey Level Confidential	6	CONF634A	\$27.30	\$27.97	\$28.65	\$29.38	\$30.12	\$30.85	\$31.67	\$32.44	\$33.29		Hourly	12/16/2023
50083194	Drafting Technician I	6	OSE0680A	\$31.51	\$32.32	\$33.13	\$33.95	\$34.82	\$35.70	\$36.58	\$37.52	\$38.48		Hourly	12/16/2023
50051642	Drafting Technician II	6	OSE0716A	\$37.25	\$38.17	\$39.13	\$40.12	\$41.11	\$42.15	\$43.20	\$44.30	\$45.41		Hourly	12/16/2023
50115039	Economic & Small Business Development Representative Entry Level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50051822	Economic & Small Business Development Representative II	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50051590	Economic & Small Business Development Representative III	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051823	Economic & Small Business Development Supervisor	12	PAS0062B	\$119,641.60									\$166,483.20	Annually	12/16/2023
50170332	Economic Development & Business Growth Specialist	N/	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50137576	Economic Development and Business Growth Manager	N/	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50051645	Economic Development Specialist	N/	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051646	Education Specialist	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50140144	Electrical Field Consultant	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051653	Electrical Technician	12	IBEW937E	\$74.98										Hourly	12/16/2023
50089229	Electrical Technician Apprentice	48	IBEW928B	\$48.67	\$51.57	\$54.35	\$57.16	\$60.00	\$62.84	\$65.60	\$68.43	\$71.23		Hourly	12/16/2023
50051654	Electrical Technician Apprentice with hazmat	48	IBEW928C	\$49.94	\$52.84	\$55.62	\$58.43	\$61.27	\$64.11	\$66.87	\$69.87	\$72.50		Hourly	12/16/2023
50092679	Electrical Technician Foreman/Woman Light	12	IBEW970A	\$85.79										Hourly	12/16/2023
50099277	Electrical Technician Foreman/Woman Light On Call	12	IBEW970O	\$87.45										Hourly	12/16/2023
50092739	Electrical Technician Foreman/Woman With class A	12	IBEW970M	\$86.99										Hourly	12/16/2023
50092740	Electrical Technician Foreman/Woman With hazmat	12	IBEW970N	\$87.11										Hourly	12/16/2023
50091431	Electrical Technician Subforeman/Woman	12	IBEW937F	\$80.78										Hourly	12/16/2023
50120394	Electrical Test & Repair Specialist	12	IBEW939A	\$73.24										Hourly	12/16/2023
50051647	Electrician	12	IBEW916A	\$62.81										Hourly	12/16/2023
50051648	Electrician Apprentice	48	IBEW880A	\$40.82	\$43.55	\$46.19	\$48.89	\$51.59	\$54.29	\$56.93	\$59.65			Hourly	12/16/2023
50051649	Electrician Apprentice with class A	48	IBEW880L	\$41.97	\$44.70	\$47.34	\$50.04	\$52.74	\$55.44	\$58.08	\$60.80			Hourly	12/16/2023
50051650	Electrician Apprentice with hazmat	48	IBEW880X	\$42.09	\$44.82	\$47.46	\$50.16	\$52.86	\$55.56	\$58.20	\$60.92			Hourly	12/16/2023
50099538	Electrician Foreman/Woman Light	12	IBEW941M	\$71.89										Hourly	12/16/2023
50099539	Electrician Foreman/Woman Light With class A	12	IBEW941L	\$73.04										Hourly	12/16/2023
50099540	Electrician Foreman/Woman Light With hazmat	12	IBEW941X	\$73.16										Hourly	12/16/2023
50051651	Electrician with class A	12	IBEW916L	\$63.96										Hourly	12/16/2023
50133656	Electrician with hazmat	12	IBEW916X	\$64.08										Hourly	12/16/2023
50051663	Emergency Preparedness Specialist I	F	PAS0049O	\$86,819.20									\$115,044.80	Annually	12/16/2023
50051664	Emergency Preparedness Specialist II	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50120629	Emergency Preparedness Specialist III	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50164527	End User Computing Analyst	12	PAS0039O	\$67,870.40									\$89,980.80	Annually	12/16/2023
50131802	Energy Advisor Entry Level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50131803	Energy Advisor Journey	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50051666	Energy Coordinator Special Projects	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50131880	Energy Specialist Entry	6	OSE0725D	\$39.21	\$40.20	\$41.19	\$42.22	\$43.26	\$44.31	\$45.44	\$46.56	\$47.77		Hourly	12/16/2023
50131879	Energy Specialist Journey	6	OSE0753A	\$45.23	\$46.37	\$47.51	\$48.70	\$49.93	\$51.14	\$52.43	\$53.76	\$55.06		Hourly	12/16/2023
50108843	Energy Trading Specialist Entry	F	PAS0043O	\$74,900.80									\$99,216.00	Annually	12/16/2023
50108844	Energy Trading Specialist Intermediate	F	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50108900	Energy Trading Specialist Journey	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50090546	Engineering Designer I	12	OSE0711B	\$36.42	\$37.33	\$38.27	\$39.22	\$40.21	\$41.19	\$42.22	\$43.27	\$44.36		Hourly	12/16/2023
50083405	Engineering Designer II	12	OSE0745A	\$43.26	\$44.35	\$45.44	\$46.61	\$47.76	\$48.95	\$50.17	\$51.42	\$52.72		Hourly	12/16/2023
50083457	Engineering Designer III	12	OSE0770A	\$51.42	\$52.72	\$54.02	\$55.40	\$56.78	\$58.19	\$59.64	\$61.12	\$62.67		Hourly	12/16/2023
50084126	Engineering Designer IV	12	OSE0780A	\$58.19	\$59.63	\$61.12	\$62.67	\$64.23	\$65.82	\$67.46	\$69.16	\$70.90		Hourly	12/16/2023
50051656	Engineering Specialist	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50083195	Engineering Technician Entry Level	12	OSE0677A	\$34.15	\$35.00	\$35.87	\$36.77	\$37.70						Hourly	12/16/2023
50051658	Engineering Technician Journey	12	OSE0714A	\$37.18	\$38.12	\$39.03	\$40.03	\$41.05	\$42.08	\$43.13	\$44.18	\$45.33		Hourly	12/16/2023
50170773	Enterprise Application Administrator Entry	F	PAS0052B	\$93,516.80									\$130,062.40	Annually	12/16/2023
50085578	Enterprise Application Administrator Journey	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50166430	Enterprise Architect Entry Level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50166431	Enterprise Architect Journey Level	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051746	Enterprise Operations Analyst Journey	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50145378	Enterprise Performance Planning Coordinator Entry Level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50139957	Enterprise Performance Planning Coordinator Journey	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50158464	Enterprise Risk Coordinator	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50126639	Enterprise Technology Analyst Intermediate	F	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50083607	Enterprise Technology Analyst Journey	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50138868	Enterprise Technology Developer Intermediate	F	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50083823	Enterprise Technology Developer Journey	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50138415	Enterprise Technology Infrastructure Specialist Entry Level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50138421	Enterprise Technology Infrastructure Specialist Intermediate	F	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50138422	Enterprise Technology Infrastructure Specialist Journey	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051936	Environmental Health & Safety Specialist I	F	PAS0049O	\$86,819.20									\$115,044.80	Annually	12/16/2023
50051937	Environmental Health & Safety Specialist II	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50051938	Environmental Health & Safety Specialist III	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051659	Equipment Operator	12	IBEW858L	\$49.22										Hourly	12/16/2023
50051660	Equipment Operator with class A	12	IBEW864A	\$50.37										Hourly	12/16/2023
50051661	Equipment Operator with hazmat	12	IBEW864X	\$50.49										Hourly	12/16/2023
50051662	Equipment Testing Representative	6	OSE0735B	\$41.19	\$42.21	\$43.26	\$44.31	\$45.44	\$46.56	\$47.76	\$48.96	\$50.21		Hourly	12/16/2023
50083197	Equipment Testing Representative Assistant	6	OSE0695A	\$33.82	\$34.68	\$35.50	\$36.42	\$37.32	\$38.22	\$39.21	\$40.20	\$41.19		Hourly	12/16/2023
50088756	Executive Advisor	N/	EXE001E	\$291,761.60									\$477,422.40	Annually	12/16/2023
50092751	Executive Assistant Executive Office	N/	PAS0051O	\$91,208.00									\$120,868.80	Annually	12/16/2023
50131624	Facilities Building & Grounds Supervisor	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50113660	Facilities Craft Supervisor	12	PAS0062B	\$119,641.60									\$166,483.20	Annually	12/16/2023
50099209	Facilities Custodian	12	IBEW792A	\$24.83	\$26.71	\$28.86	\$31.06							Hourly	12/16/2023
50051842	Facilities Electrical Foreman/Woman Light with class A	12	IBEW941L	\$73.04										Hourly	12/16/2023
50117605	Facilities Electrician Foreman/Woman Light	12	IBEW941M	\$71.89										Hourly	12/16/2023
50159122	Facilities Stationary Engineer Apprentice	12	IBEW851J	\$33.39	\$35.33	\$37.23	\$39.17	\$41.08	\$43.01	\$44.95	\$46.86	\$48.82		Hourly	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

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50159123	Facilities Stationary Engineer Apprentice Closed Classification	12	IBEW879F	\$39.29	\$41.57	\$43.82	\$46.11	\$48.36	\$50.63	\$52.91	\$55.15	\$57.44		Hourly	12/16/2023
50159225	Facilities Stationary Engineer I	12	IBEW872G	\$51.38										Hourly	12/16/2023
50159124	Facilities Stationary Engineer Foreman/Woman Light	12	IBEW937G	\$69.15										Hourly	12/16/2023
50159226	Facilities Stationary Engineer II	12	IBEW908A	\$60.46										Hourly	12/16/2023
50052152	Facilities Utility Crew Foreman/Woman	12	IBEW919M	\$45.97										Hourly	12/16/2023
50168952	Facilities Utility Crew Foreman/Woman Closed Classification	12	IBEW863M	\$53.53										Hourly	12/16/2023
50168954	Facilities Utility Crew Foreman/Woman with hazmat	12	IBEW919N	\$47.24										Hourly	12/16/2023
50168953	Facilities Utility Crew Foreman/Woman with hazmat Closed Classification	12	IBEW863N	\$54.80										Hourly	12/16/2023
50093182	Fault Locator	12	IBEW941H	\$73.20										Hourly	12/16/2023
50093183	Fault Locator with class A	12	IBEW941J	\$74.35										Hourly	12/16/2023
50101800	Field Support Technician with class A	12	IBEW888C	\$52.27	\$53.58	\$54.93	\$56.27							Hourly	12/16/2023
50083165	Financial Analyst Entry Level	F	PAS0043O	\$74,900.80									\$99,216.00	Annually	12/16/2023
50051681	Financial Analyst Journey Level	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50051683	Financing Specialist Closed Classification	12	PAS0049O	\$86,819.20									\$115,044.80	Annually	12/16/2023
50083479	Fire Protection & Loss Control Specialist	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50111032	Fleet Asset Coordinator	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50111036	Fleet Maintenance Scheduler	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50160529	Fleet Maintenance Supervisor	12	PAS0056C	\$103,188.80									\$147,201.60	Annually	12/16/2023
50051686	Forms Assistant	6	OSE0660A	\$28.50	\$29.17	\$29.93	\$30.66	\$31.41	\$32.17	\$32.98	\$33.82	\$34.68		Hourly	12/16/2023
50051687	Forms Technician	6	OSE0670D	\$29.93	\$30.66	\$31.41	\$32.17	\$32.98	\$33.82	\$34.68	\$35.50	\$36.42		Hourly	12/16/2023
50154335	Gardener	12	IBEW877J	\$37.76	\$38.72	\$39.53								Hourly	12/16/2023
50051700	Gardener Closed Classification	12	IBEW848G	\$44.17	\$45.28	\$46.19								Hourly	12/16/2023
50154336	Gardener with class A	12	IBEW877K	\$38.91	\$39.87	\$40.68								Hourly	12/16/2023
50051701	Gardener with class A Closed Classification	12	IBEW848L	\$45.32	\$46.43	\$47.34								Hourly	12/16/2023
50154337	Gardener with hazmat	12	IBEW877L	\$39.03	\$39.99	\$40.80								Hourly	12/16/2023
50051702	Gardener with hazmat Closed Classification	12	IBEW848X	\$45.44	\$46.55	\$47.46								Hourly	12/16/2023
50097100	Gas Control Technician	12	IBEW924A	\$65.35										Hourly	12/16/2023
50124993	Gas Control Technician Apprentice	48	IBEW912E	\$42.60	\$45.40	\$48.22	\$51.02	\$53.85	\$56.62	\$59.44	\$62.24			Hourly	12/16/2023
50113669	Gas Control Technician with class A	12	IBEW924L	\$66.50										Hourly	12/16/2023
50051690	Gas Pipeline Fieldperson	12	IBEW873G	\$47.41	\$48.41	\$49.78	\$51.05	\$52.01						Hourly	12/16/2023
50096042	Generation Designer I	12	OSE0711B	\$36.42	\$37.33	\$38.27	\$39.22	\$40.21	\$41.19	\$42.22	\$43.27	\$44.36		Hourly	12/16/2023
50096043	Generation Designer II	12	OSE0745A	\$43.26	\$44.35	\$45.44	\$46.61	\$47.76	\$48.95	\$50.17	\$51.42	\$52.72		Hourly	12/16/2023
50096044	Generation Designer III	12	OSE0770A	\$51.42	\$52.72	\$54.02	\$55.40	\$56.78	\$58.19	\$59.64	\$61.12	\$62.67		Hourly	12/16/2023
50096045	Generation Designer IV	12	OSE0780A	\$58.19	\$59.63	\$61.12	\$62.67	\$64.23	\$65.82	\$67.46	\$69.16	\$70.90		Hourly	12/16/2023
50164498	Geographic Information Systems Technician Entry	F	OSE0705A	\$35.50	\$36.42	\$37.32	\$38.22	\$39.21	\$40.21	\$41.19	\$42.21	\$43.27		Hourly	12/16/2023
50097650	Geographic Information Systems Technician Journey	6	OSE0736A	\$41.96	\$43.00	\$44.10	\$45.20	\$46.33	\$47.44	\$48.66	\$49.88	\$51.10		Hourly	12/16/2023
50097651	Geographic Information Systems Technician Journey	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50110253	Geographic Information Systems Manager	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50051693	Government Affairs Representative II	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50051694	Government Affairs Representative III	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051692	Government Affairs Representative Entry Level	F	PAS0047O	\$82,700.80									\$109,470.40	Annually	12/16/2023
50130986	Graduate Intern	N/	PAS0041O	\$71,302.40									\$94,411.20	Annually	12/16/2023
50051698	Graphic Artist	6	OSE0699A	\$34.30	\$35.18	\$36.06	\$37.01	\$37.92	\$38.95	\$39.91	\$40.95	\$41.97		Hourly	12/16/2023
50052175	Hazard Waste Foreman/Woman Light	12	IBEW912G	\$61.97										Hourly	12/16/2023
50052176	Hazard Waste Foreman/Woman Light with class A	12	IBEW915B	\$63.10										Hourly	12/16/2023
50055201	Hazard Waste Technician	12	IBEW874H	\$31.87	\$33.30	\$44.75	\$45.36	\$46.84	\$48.35	\$50.10	\$52.57			Hourly	12/16/2023
50119981	Hazard Waste Technician On Call	12	IBEW886A	\$55.26										Hourly	12/16/2023
50083169	Hazard Waste Technician with class A	12	IBEW878A	\$53.71										Hourly	12/16/2023
50052177	Hazardous Waste Foreman/Woman Light with hazmat	12	IBEW915X	\$63.24										Hourly	12/16/2023
50052178	Hazardous Waste Technician with hazmat	12	IBEW878X	\$53.84										Hourly	12/16/2023
50154338	Head Gardener	12	IBEW919D	\$42.55										Hourly	12/16/2023
50051703	Head Gardener Closed Classification	12	IBEW863A	\$49.76										Hourly	12/16/2023
50154339	Head Gardener with class A	12	IBEW919F	\$43.70										Hourly	12/16/2023
50051704	Head Gardener with class A Closed Classification	12	IBEW863L	\$50.91										Hourly	12/16/2023
50154340	Head Gardener with hazmat	12	IBEW919G	\$43.82										Hourly	12/16/2023
50051705	Head Gardener with hazmat Closed Classification	12	IBEW863X	\$51.03										Hourly	12/16/2023
50083171	Heavy Duty Equipment Operator	12	IBEW893F	\$57.62										Hourly	12/16/2023
50051706	Heavy Duty Equipment Operator Apprentice	48	IBEW877A	\$37.44	\$39.89	\$42.39	\$44.85	\$47.29	\$49.78	\$52.23	\$54.71			Hourly	12/16/2023
50092744	Heavy Duty Equipment Operator Foreman/Woman Light	12	IBEW922L	\$65.89										Hourly	12/16/2023
50099278	Heavy Duty Equipment Operator Foreman/Woman Light On Call	12	IBEW937G	\$69.15										Hourly	12/16/2023
50092746	Heavy Duty Equipment Operator Foreman/Woman light with class A	12	IBEW923A	\$67.04										Hourly	12/16/2023
50092747	Heavy Duty Equipment Operator Foreman/Woman light with hazmat	12	IBEW923B	\$67.16										Hourly	12/16/2023
50051707	Heavy Duty Equipment Operator with class A	12	IBEW898E	\$58.77										Hourly	12/16/2023
50051708	Heavy Duty Equipment Operator with class hazmat	12	IBEW898X	\$58.89										Hourly	12/16/2023
50109882	Help Desk Specialist Entry Level Closed Classification	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50051709	Help Desk Specialist Entry Level Closed Classification	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
51000003	High Voltage Electrician	12	IBEW921H	\$65.00										Hourly	12/16/2023
51000000	High Voltage Electrician Apprentice	48	IBEW918A	\$42.25	\$45.07	\$47.81	\$50.60	\$53.40	\$56.19	\$58.92	\$61.74			Hourly	12/16/2023
51000001	High Voltage Electrician Apprentice with Class A	48	IBEW918B	\$43.40	\$46.22	\$48.96	\$51.75	\$54.55	\$57.34	\$60.07	\$62.89			Hourly	12/16/2023
51000002	High Voltage Electrician Apprentice with Hazmat	48	IBEW918C	\$43.52	\$46.34	\$49.08	\$51.87	\$54.67	\$57.46	\$60.19	\$63.01			Hourly	12/16/2023
51000004	High Voltage Electrician with Class A	12	IBEW925D	\$66.15										Hourly	12/16/2023
51000005	High Voltage Electrician with Hazmat	12	IBEW925E	\$66.27										Hourly	12/16/2023
61000001	High Voltage Test Apprentice	48	IBEW918A	\$41.02	\$43.76	\$46.42	\$49.13	\$51.84	\$54.55	\$57.20	\$59.94			Hourly	1/26/2023
61000001	High Voltage Test Apprentice	48	IBEW918A	\$42.25	\$45.07	\$47.81	\$50.60	\$53.40	\$56.19	\$58.92	\$61.74			Hourly	12/16/2023
50099375	High Voltage Test Technician	12	IBEW921E	\$64.59										Hourly	12/16/2023
50083170	Human Resources Analyst Entry	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50051710	Human Resources Analyst Journey	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50092250	Human Resources Technician Confidential	6	CONF702A	\$36.46	\$37.38	\$38.34	\$39.34	\$40.35	\$41.34	\$42.43	\$43.51	\$44.62		Hourly	12/16/2023
50099894	Hydro Electrician Foreman/Woman Light	12	IBEW945B	\$73.63										Hourly	12/16/2023
50051712	Hydro Electrician Foreman/Woman Light	12	IBEW940A	\$74.40										Hourly	12/16/2023
50099279	Hydro Electrician Foreman/Woman Light On Call	12	IBEW941C	\$75.49										Hourly	12/16/2023
50051713	Hydro Electrician Foreman/Woman Light with class A	12	IBEW940B	\$75.55										Hourly	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs



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50160077	Learning and Development Specialist Journey	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50169820	Legal Analyst	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50090306	Legal Assistant Confidential	6	CONF706A	\$37.93	\$38.87	\$39.87	\$40.91	\$41.95	\$43.01	\$44.13	\$45.24	\$46.41		Hourly	12/16/2023
50133108	Legislative & Regulatory Coordinator Closed Classification	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50153089	Legislative & Regulatory Program Manager	N/	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50083472	Line Construction Foreman/Woman	12	IBEW976D	\$92.02										Hourly	12/16/2023
50083473	Line Construction Foreman/Woman with class A	12	IBEW976C	\$93.17										Hourly	12/16/2023
50083474	Line Construction Foreman/Woman with hazmat	12	IBEW976X	\$93.29										Hourly	12/16/2023
50154187	Line Equipment Operator Assistant with class A	12	IBEW795A	\$29.30	\$30.54	\$32.81	\$34.98	\$37.42						Hourly	12/16/2023
50128409	Line Equipment Operator Assistant with class A Closed Classification	12	IBEW830L	\$34.77	\$36.31	\$39.01	\$41.61	\$44.41						Hourly	12/16/2023
50154188	Line Equipment Operator with class A	12	IBEW862D	\$56.16										Hourly	12/16/2023
50106535	Line Equipment Operator with class A Closed Classification	12	IBEW898B	\$58.77										Hourly	12/16/2023
50169850	Line Equipment Operator with Crane and class A	12	IBEW862G	\$57.11										Hourly	12/16/2023
50169884	Line Equipment Operator with Crane and class A Closed Classification	12	IBEW898D	\$59.72										Hourly	12/16/2023
50169852	Line Equipment Operator with Crane and hazmat	12	IBEW862F	\$57.23										Hourly	12/16/2023
50154140	Line Equipment Operator with hazmat	12	IBEW862E	\$56.28										Hourly	12/16/2023
50108451	Line Equipment Operator with hazmat Closed Classification	12	IBEW862H	\$58.89										Hourly	12/16/2023
50051767	Line Foreman/Woman Light	12	IBEW965R	\$86.45										Hourly	12/16/2023
50051768	Line Foreman/Woman Light with class A	12	IBEW965C	\$87.60										Hourly	12/16/2023
50142318	Line Inspector I	12	IBEW933A	\$76.09										Hourly	12/16/2023
50156652	Line Inspector I with class A	12	IBEW933C	\$77.23										Hourly	12/16/2023
50108831	Line Inspector II	12	IBEW941R	\$81.25										Hourly	12/16/2023
50114932	Line Inspector II with class A	12	IBEW941D	\$82.40										Hourly	12/16/2023
50051770	Line Sub Foreman/Woman	12	IBEW941R	\$81.25										Hourly	12/16/2023
50051771	Line Sub Foreman/Woman with class A	12	IBEW941D	\$82.40										Hourly	12/16/2023
50083463	Lineman/Woman	12	IBEW933A	\$76.09										Hourly	12/16/2023
50083460	Lineman/Woman Apprentice	49	IBEW922R	\$49.47	\$52.73	\$55.98	\$59.25	\$62.47	\$65.75	\$69.03	\$72.29			Hourly	12/16/2023
50083461	Lineman/Woman Apprentice with class A	49	IBEW922C	\$50.62	\$53.88	\$57.13	\$60.40	\$63.62	\$66.90	\$70.18	\$73.44			Hourly	12/16/2023
50083462	Lineman/Woman Apprentice with hazmat	49	IBEW922Z	\$50.74	\$54.00	\$57.25	\$60.52	\$63.74	\$67.02	\$70.30	\$73.56			Hourly	12/16/2023
50083464	Lineman/Woman with class A	12	IBEW933C	\$77.23										Hourly	12/16/2023
50083465	Lineman/Woman with hazmat	12	IBEW933X	\$77.35										Hourly	12/16/2023
50136767	Lineman/Woman with helicopter	12	IBEW933Y	\$79.89										Hourly	12/16/2023
50154416	Maintenance Carpenter	12	IBEW865A	\$51.38										Hourly	12/16/2023
50154417	Maintenance Carpenter Apprentice	48	IBEW851E	\$32.82	\$34.72	\$36.62	\$38.52	\$40.39	\$42.29	\$44.21	\$46.09	\$48.00		Hourly	12/16/2023
50083233	Maintenance Carpenter Apprentice Close Classification	48	IBEW879F	\$39.29	\$41.57	\$43.82	\$46.11	\$48.36	\$50.63	\$52.91	\$55.15	\$57.44		Hourly	12/16/2023
50051805	Maintenance Carpenter Closed Classification	12	IBEW908A	\$60.46										Hourly	12/16/2023
50154459	Maintenance Carpenter Foreman/Woman Light	12	IBEW901K	\$57.78										Hourly	12/16/2023
50115406	Maintenance Carpenter Foreman/Woman Light Closed Classification	12	IBEW937G	\$69.15										Hourly	12/16/2023
50154460	Maintenance Carpenter Subforeman/Woman	12	IBEW887D	\$54.36										Hourly	12/16/2023
50051806	Maintenance Carpenter Subforeman/Woman Closed Classification	12	IBEW922I	\$65.09										Hourly	12/16/2023
50159375	Maintenance Carpenter with class A	12	IBEW872D	\$52.53										Hourly	12/16/2023
50116262	Maintenance Carpenter with class A Closed Classification	12	IBEW908L	\$61.61										Hourly	12/16/2023
50103121	Maintenance Planner General Services	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50103375	Maintenance Planner Power Production	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50112813	Maintenance Planner Substation & Telecommunications	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50115702	Maintenance Planner Transmission & Distribution Line Assets	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051784	Management Analyst Entry	F	PAS0041O	\$71,302.40									\$94,411.20	Annually	12/16/2023
50051785	Management Analyst Journey	12	PAS0049O	\$86,819.20									\$115,044.80	Annually	12/16/2023
50128042	Manager Account Management & Sales	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50052019	Manager Accounting & Assistant Controller	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
61000003	Manager Asset Operations Power Generation	12	PAS0072Q	\$148,636.80									\$316,097.60	Annually	10/17/2023
61000003	Manager Asset Operations Power Generation	12	PAS0072Q	\$153,088.00									\$325,582.40	Annually	12/16/2023
50051544	Manager Auditing	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50093079	Manager Business Performance & Optimization	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50052025	Manager Career Development & Learning	N/	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50140137	Manager Civil Engineering	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50169965	Manager Commodity and Operations Settlements	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50139537	Manager Community Development Outreach & Education	N/	PAS0064E	\$125,694.40									\$188,323.20	Annually	12/16/2023
50170818	Manager Community Education and Technology	12	PAS0064E	\$122,033.60									\$182,832.00	Annually	12/17/2022
50170818	Manager Community Education and Technology	12	PAS0064E	\$125,694.40									\$188,323.20	Annually	12/16/2023
TBD	Manager Compensation, Classification & Performance	N/	PAS0069O	\$142,188.80									\$188,323.20	Hourly	12/16/2023
50126108	Manager Corporation Communications	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50166592	Manager Culture & Change	N/	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50163673	Manager Customer Delivery	12	PAS0067O	\$135,387.20									\$179,275.20	Annually	12/16/2023
50091780	Manager Customer Experience Strategy	12	PAS0066B	\$132,080.00									\$183,747.20	Annually	12/16/2023
50092302	Manager Customer Operations	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50167926	Manager Customer Strategy & Operations	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50160766	Manager Customer Value Performance & Projects	12	PAS0064C	\$125,694.40									\$179,275.20	Annually	12/16/2023
50160085	Manager Cybersecurity	12	PAS0066F	\$132,080.00									\$202,820.80	Annually	12/16/2023
50159037	Manager Digital User Experience	12	PAS0062D	\$119,641.60									\$174,948.80	Annually	12/16/2023
50131011	Manager Distributed Energy Strategy	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50162683	Manager Distributed Generation Interconnections	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50160208	Manager Distribution Operations Engineering	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50110255	Manager Distribution Planning	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50140139	Manager Distribution System Operations	12	PAS0072L	\$148,636.80									\$249,558.40	Annually	3/11/2023
50140139	Manager Distribution System Operations	12	PAS0072L	\$153,088.00									\$257,046.40	Annually	12/16/2023
50165511	Manager Economic Development & Partnership	N/	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50088581	Manager Electric Transportation	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50126016	Manager Electric Design & Standards	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50125294	Manager Emerging Technology	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50135736	Manager Employee Relations	N/	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051979	Manager Energy Management System	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

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50087975	Manager Energy Trading & Contracts	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50067469	Manager Engineering	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50134551	Manager Enterprise Performance	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50119766	Manager Enterprise Prioritization	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
61000000	Manager Enterprise Strategy	12	PAS0071O	\$144,996.80										\$192,129.60	Annually	9/6/2023
61000000	Manager Enterprise Strategy	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50143384	Manager Environmental Regulations	N/	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50100183	Manager Executive Office	N/	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50051679	Manager Facilities Management	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50051982	Manager Field Metering	12	PAS0062B	\$119,641.60										\$166,483.20	Annually	12/16/2023
50158550	Manager Finance & Treasury	12	PAS0066C	\$128,232.00										\$182,832.00	Annually	8/12/2023
50158550	Manager Finance & Treasury	12	PAS0066C	\$132,080.00										\$188,323.20	Annually	12/16/2023
50158480	Manager Finance & Treasury	12	PAS0066C	\$132,080.00										\$188,323.20	Annually	12/16/2023
50051627	Manager Finance Planning & Analytics	12	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50138557	Manager Fleet Operations	12	PAS0062D	\$119,641.60										\$174,948.80	Annually	12/16/2023
50051948	Manager Gas Pipeline Assets	12	PAS0069H	\$138,049.60										\$191,006.40	Annually	12/17/2022
50051948	Manager Gas Pipeline Assets	12	PAS0069H	\$142,188.80										\$196,747.20	Annually	12/16/2023
50083431	Manager Generation Maintenance	12	PAS0069I	\$138,049.60										\$210,745.60	Annually	12/17/2022
50083431	Manager Generation Maintenance	12	PAS0069I	\$142,188.80										\$217,068.80	Annually	12/16/2023
50135285	Manager Grid Planning	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50051950	Manager Hydro Generation Assets	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50159325	Manager Information Technology	12	PAS0066C	\$132,080.00										\$188,323.20	Annually	12/16/2023
50164000	Manager Information Technology Strategy Planning & Governance	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50088129	Manager Innovation	N/	PAS0066C	\$132,080.00										\$188,323.20	Annually	12/16/2023
50169499	Manager Learning & Development	12	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50140133	Manager Line Design	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50051996	Manager Market Research	12	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50102606	Manager Market Strategy	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50139366	Manager Occupational Health & Safety	N/	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50164469	Manager Operational Excellence	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50169490	Manager Operational Project Management Office	12	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50166428	Manager Operational Technology Network Engineering	N/	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50140145	Manager Operational Training Center	N/	PAS0066U	\$132,080.00										\$202,820.80	Annually	12/16/2023
50115350	Manager Power Operations Engineering	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50125274	Manager Power Operations Training	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50052003	Manager Power System Operations	12	PAS0072U	\$148,636.80										\$219,606.40	Annually	12/17/2022
50052003	Manager Power System Operations	12	PAS0072L	\$148,636.80										\$249,558.40	Annually	10/7/2023
50052003	Manager Power System Operations	12	PAS0072L	\$153,088.00										\$257,046.40	Annually	12/16/2023
50128064	Manager Program Delivery	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50051732	Manager Project Development and Renewable Generation	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50130582	Manager Rancho Seco Assets	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50165633	Manager Real Estate Services	12	PAS0064O	\$125,694.40										\$166,483.20	Annually	12/16/2023
50083555	Manager Renewable Generation Assets	12	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50051984	Manager Resource Planning	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50051915	Manager Revenue Strategy	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50051975	Manager Security Operations	N/	PAS0062D	\$119,641.60										\$174,948.80	Annually	12/16/2023
50169434	Manager Strategic Planning Performance & Analytics	N/	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50110256	Manager Substation Engineering	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50126109	Manager Substation Maintenance	12	PAS0069H	\$138,049.60										\$191,006.40	Annually	12/17/2022
50126109	Manager Substation Maintenance	12	PAS0069H	\$142,188.80										\$196,747.20	Annually	12/16/2023
50083478	Manager Supply Chain	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50088853	Manager System Protection & Control	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50051987	Manager Talent Management	N/	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50159402	Manager Telecommunication Operations and Maintenance	12	PAS0066C	\$132,080.00										\$188,323.20	Annually	12/16/2023
50126175	Manager Telecommunications	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50067465	Manager Thermal Generation Assets	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50051964	Manager Total Rewards	N/	PAS0069O	\$142,188.80										\$188,323.20	Annually	12/16/2023
50126110	Manager Transmission & Distribution Line Construction & Maintenance	12	PAS0072L	\$153,088.00										\$257,046.40	Annually	12/16/2023
50140141	Manager Transmission & Distribution Maintenance Planning	12	PAS0072O	\$153,088.00										\$202,820.80	Annually	12/16/2023
50110257	Manager Vegetation Management	12	PAS0069C	\$142,188.80										\$202,820.80	Annually	12/16/2023
50051783	Manager Warehouse Operations	12	PAS0064O	\$125,694.40										\$166,483.20	Annually	12/16/2023
50099975	Manager, Advanced Renewable and Distributed Generation Technologies	12	PAS0071O	\$149,344.00										\$197,891.20	Annually	12/16/2023
50051786	Mapper	6	OSE0685A	\$32.17	\$32.98	\$33.82	\$34.68	\$35.50	\$36.42	\$37.32	\$38.22	\$39.21			Hourly	12/16/2023
50168117	Market Analyst Entry	F	PAS0047O	\$82,700.80										\$109,470.40	Annually	12/16/2023
50168205	Market Analyst Journey	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50083901	Market Research Specialist Journey	12	PAS0052O	\$93,516.80										\$123,843.20	Annually	12/16/2023
50163624	Market Research Supervisor	12	PAS0062B	\$119,641.60										\$166,483.20	Annually	12/16/2023
50102301	Market Risk Specialist Journey Level	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50137998	Marketing Specialist Entry Level	F	PAS0045O	\$78,686.40										\$104,187.20	Annually	12/16/2023
50051546	Marketing Specialist II	12	PAS0054O	\$98,217.60										\$130,062.40	Annually	12/16/2023
50163622	Marketing Specialist Supervisor	12	PAS0059C	\$111,092.80										\$158,433.60	Annually	12/16/2023
50083235	Material Parts Clerk	6	OSE0680B	\$31.41	\$32.17	\$32.98	\$33.82	\$34.68	\$35.50	\$36.42	\$37.33	\$38.23			Hourly	12/16/2023
50169996	Material Planner Coordinator Entry Level	F	PAS0043O	\$72,716.80										\$96,324.80	Annually	3/31/2023
50169996	Material Planner Coordinator Entry Level	F	PAS0043O	\$74,900.80										\$99,216.00	Annually	12/16/2023
50051790	Material Planner/Coordinator	12	PAS0052O	\$90,792.00										\$120,244.80	Annually	1/28/2023
50051790	Material Planner/Coordinator	12	PAS0052O	\$93,516.80										\$123,843.20	Annually	12/16/2023
50154399	Material Specialist I	12	IBEW793F	\$27.02	\$31.16	\$35.32	\$39.48								Hourly	12/16/2023
50099003	Material Specialist I Closed Classification	12	IBEW851N	\$32.29	\$37.23	\$42.18	\$47.16								Hourly	12/16/2023
50154525	Material Specialist I with class A	12	IBEW793A	\$28.17	\$32.31	\$36.47	\$40.63								Hourly	12/16/2023
50099004	Material Specialist I with class A Closed Classification	12	IBEW851C	\$33.44	\$38.38	\$43.33	\$48.31								Hourly	12/16/2023
50154527	Material Specialist I with Crane and class A	12	IBEW793D	\$29.12	\$33.26	\$37.42	\$41.58								Hourly	12/16/2023
50099007	Material Specialist I with Crane and class A Closed Classification	12	IBEW851A	\$34.39	\$39.33	\$44.28	\$49.26								Hourly	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

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50154528	Material Specialist I with crane and hazmat	12	IBEW793E	\$29.24	\$33.38	\$37.54	\$41.70							Hourly	12/16/2023
50099008	Material Specialist I with crane and hazmat Closed Classification	12	IBEW851B	\$34.51	\$39.45	\$44.40	\$49.38							Hourly	12/16/2023
50154529	Material Specialist I with hazmat	12	IBEW793B	\$28.29	\$32.43	\$36.59	\$40.75							Hourly	12/16/2023
50099005	Material Specialist I with hazmat Closed Classification	12	IBEW851H	\$33.56	\$38.50	\$43.45	\$48.43							Hourly	12/16/2023
50154530	Material Specialist II	12	IBEW912D	\$41.53										Hourly	12/16/2023
50154478	Material Specialist II with class A	12	IBEW912F	\$42.68										Hourly	12/16/2023
50051787	Material Specialist II Closed Classification	12	IBEW862I	\$49.63										Hourly	12/16/2023
50051788	Material Specialist II with class A Closed Classification	12	IBEW862C	\$50.78										Hourly	12/16/2023
50154480	Material Specialist II with Crane and class A	12	IBEW912P	\$43.63										Hourly	12/16/2023
50099011	Material Specialist II with Crane and class A Closed Classification	12	IBEW862A	\$51.73										Hourly	12/16/2023
50154481	Material Specialist II with crane and hazmat	12	IBEW912R	\$43.75										Hourly	12/16/2023
50099012	Material Specialist II with crane and hazmat Closed Classification	12	IBEW862B	\$51.85										Hourly	12/16/2023
50154482	Material Specialist II with hazmat	12	IBEW912H	\$42.80										Hourly	12/16/2023
50083234	Material Specialist II with hazmat Closed Classification	12	IBEW862X	\$50.90										Hourly	12/16/2023
50154483	Material Specialist III	12	IBEW928D	\$51.79										Hourly	12/16/2023
50052074	Material Specialist III Closed Classification	12	IBEW878L	\$54.21										Hourly	12/16/2023
50154484	Material Specialist III with class A	12	IBEW928G	\$52.94										Hourly	12/16/2023
50052075	Material Specialist III with class A Closed Classification	12	IBEW879A	\$55.36										Hourly	12/16/2023
50154486	Material Specialist III with Crane and class A	12	IBEW928L	\$53.89										Hourly	12/16/2023
50099013	Material Specialist III with Crane and class A Closed Classification	12	IBEW879D	\$56.31										Hourly	12/16/2023
50154487	Material Specialist III with crane and hazmat	12	IBEW928M	\$54.01										Hourly	12/16/2023
50099014	Material Specialist III with crane and hazmat Closed Classification	12	IBEW898A	\$56.43										Hourly	12/16/2023
50154488	Material Specialist III with hazmat	12	IBEW928H	\$53.06										Hourly	12/16/2023
50052076	Material Specialist III with hazmat Closed Classification	12	IBEW879B	\$57.98										Hourly	12/16/2023
50154489	Material Specialist IV	12	IBEW858B	\$55.04										Hourly	12/16/2023
50052170	Material Specialist IV Closed Classification	12	IBEW893F	\$57.62										Hourly	12/16/2023
50154490	Material Specialist IV with class A	12	IBEW858H	\$56.19										Hourly	12/16/2023
50052171	Material Specialist IV with class A Closed Classification	12	IBEW898C	\$58.77										Hourly	12/16/2023
50154570	Material Specialist IV with Crane and class A	12	IBEW858N	\$57.14										Hourly	12/16/2023
50099009	Material Specialist IV with crane and class A Closed Classification	12	IBEW893A	\$59.72										Hourly	12/16/2023
50154571	Material Specialist IV with crane and hazmat	12	IBEW858P	\$57.26										Hourly	12/16/2023
50099010	Material Specialist IV with crane and hazmat Closed Classification	12	IBEW893E	\$59.84										Hourly	12/16/2023
50154572	Material Specialist IV with hazmat	12	IBEW858J	\$56.31										Hourly	12/16/2023
50052172	Material Specialist IV with hazmat Closed Classification	12	IBEW898X	\$58.89										Hourly	12/16/2023
50154141	Mechanic	12	IBEW865B	\$50.50										Hourly	12/16/2023
50051791	Mechanic Closed Classification	12	IBEW884A	\$55.16										Hourly	12/16/2023
50154142	Mechanic with Class A	12	IBEW865C	\$51.65										Hourly	12/16/2023
50051792	Mechanic with class A Closed Classification	12	IBEW888G	\$56.31										Hourly	12/16/2023
50154143	Mechanic with hazmat	12	IBEW865D	\$51.77										Hourly	12/16/2023
50051793	Mechanic with hazmat Closed Classification	12	IBEW888X	\$56.43										Hourly	12/16/2023
50154165	Mechanical Foreman/Woman Light	12	IBEW921G	\$63.34										Hourly	12/16/2023
50099004	Mechanical Foreman/Woman Light Closed Classification	12	IBEW937G	\$69.15										Hourly	12/16/2023
50164526	Meter & Service Designer	6	OSE0711A	\$36.42	\$37.32	\$38.27	\$39.21	\$40.21						Hourly	12/16/2023
50051796	Meter Technician	12	IBEW925A	\$65.53										Hourly	12/16/2023
50051797	Meter Technician Apprentice	48	IBEW912E	\$42.60	\$45.40	\$48.22	\$51.02	\$53.85	\$56.62	\$59.44	\$62.24			Hourly	12/16/2023
TBD	Network Assistant	12	IBEW802G	\$31.44	\$32.88	\$34.31	\$35.74							Hourly	10/24/2023
TBD	Network Assistant	12	IBEW802G	\$32.38	\$33.86	\$35.34	\$36.81							Hourly	12/16/2023
TBD	Network Assistant with class A	12	IBEW802L	\$32.59	\$34.03	\$35.46	\$36.89							Hourly	10/24/2023
TBD	Network Assistant with class A	12	IBEW802L	\$33.53	\$35.01	\$36.49	\$37.96							Hourly	12/16/2023
50051839	Network Cable Foreman/Woman Light	12	IBEW941M	\$71.89										Hourly	12/16/2023
50051841	Network Electrician Foreman/Woman Light	12	IBEW941M	\$71.89										Hourly	12/16/2023
50051843	Network Electrician Foreman/Woman Light with hazmat	12	IBEW941X	\$73.16										Hourly	12/16/2023
50165507	Network Engineer Operations Technology Entry Level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50165508	Network Engineer Operations Technology Journey	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051846	Office Assistant		OSE0548A	\$16.00	\$16.45	\$16.93	\$17.45	\$17.97	\$18.51	\$19.07	\$19.63	\$20.22		Hourly	12/16/2023
50051847	Office Specialist I	6	OSE0615A	\$22.70	\$23.27	\$23.85	\$24.42	\$25.03	\$25.68	\$26.31	\$26.97	\$27.66		Hourly	12/16/2023
50051848	Office Specialist II	6	OSE0647A	\$27.18	\$27.87	\$28.57	\$29.29	\$30.02	\$30.78	\$31.57	\$32.34	\$33.16		Hourly	12/16/2023
50122178	Office Specialist II Confidential	6	CONF647A	\$29.30	\$30.03	\$30.78	\$31.57	\$32.36	\$33.16	\$34.00	\$34.85	\$35.74		Hourly	12/16/2023
50051849	Office Technician	6	OSE0672A	\$30.13	\$30.89	\$31.68	\$32.47	\$33.23	\$34.12	\$34.91	\$35.81	\$36.71		Hourly	12/16/2023
50085707	Office Technician Confidential	6	CONF672A	\$32.95	\$33.75	\$34.63	\$35.49	\$36.71	\$37.32	\$38.26	\$39.18	\$40.18		Hourly	12/16/2023
50051851	Operations Support Supervisor	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50125954	Organization Effectiveness Specialist Entry Level	F	PAS0047O	\$82,700.80									\$109,470.40	Annually	12/16/2023
50125953	Organization Effectiveness Specialist Journey Level	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50155433	Paralegal Confidential	6	CONF735A	\$40.81	\$41.82	\$42.89	\$43.94	\$45.05	\$46.17	\$47.33	\$48.50	\$49.71		Hourly	12/16/2023
50092672	Payroll Technician Confidential	6	CONF702A	\$36.46	\$37.38	\$38.34	\$39.34	\$40.35	\$41.34	\$42.43	\$43.51	\$44.62		Hourly	12/16/2023
50051857	Physical Network Specialist Closed Classification	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50159569	Physical Security Program Manager	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50051860	Plant Mechanic	12	IBEW908A	\$60.46										Hourly	12/16/2023
50083241	Plant Mechanic Apprentice	48	IBEW879E	\$39.29	\$41.89	\$44.49	\$47.08	\$49.66	\$52.25	\$54.84	\$57.44			Hourly	12/16/2023
50083242	Plant Mechanic Apprentice with class A	48	IBEW879H	\$40.44	\$43.08	\$45.68	\$48.27	\$50.84	\$53.43	\$56.03	\$58.63			Hourly	12/16/2023
50051861	Plant Mechanic Apprentice with hazmat	48	IBEW874X	\$40.56	\$43.21	\$45.80	\$48.38	\$50.98	\$53.56	\$56.15	\$58.75			Hourly	12/16/2023
50100942	Plant Mechanic Welder	12	IBEW920A	\$64.25										Hourly	12/16/2023
50051862	Plant Mechanic with class A	12	IBEW908L	\$61.61										Hourly	12/16/2023
50083240	Plant Mechanic with hazmat	12	IBEW908X	\$61.73										Hourly	12/16/2023
50083244	Power Contracts Specialist Entry Level	F	PAS0049O	\$86,819.20									\$115,044.80	Annually	12/16/2023
50161142	Power Contracts Specialist Intermediate Level	F	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50067464	Power Contracts Specialist Journey	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50139834	Power Generation Asset Supervisor	12	PAS0062I	\$116,147.20									\$181,937.60	Annually	12/17/2022
50139834	Power Generation Asset Supervisor	12	PAS0062I	\$119,641.60									\$187,387.20	Annually	12/16/2023
50051904	Power Quality Technician	6	OSE0760A	\$46.56	\$47.76	\$48.95	\$50.20	\$51.42	\$52.73	\$54.02	\$55.40	\$56.78		Hourly	12/16/2023
50088326	Power System Analyst Entry	F	PAS0047O	\$82,700.80									\$109,470.40	Annually	12/16/2023
50051905	Power System Analyst Journey	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

**2024 SMUD Wage Schedule**  
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50154573	Power System Operator Entry	12	IBEW955A	\$69.80	\$71.55	\$73.34	\$75.21	\$77.05						Hourly	12/16/2023
50154574	Power System Operator I	12	IBEW980A	\$77.05	\$78.96	\$80.99	\$83.00	\$85.08	\$87.22	\$89.38	\$91.64	\$93.93		Hourly	12/16/2023
50154600	Power System Operator II	12	IBEW986A	\$98.60										Hourly	12/16/2023
50162139	Power System Operator Instructor I	F	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50127179	Power System Operator Instructor II	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051888	Pre-Apprentice Lineman/Woman	30	IBEW830A	\$33.62	\$35.16	\$37.86	\$40.46	\$43.26						Hourly	12/16/2023
50051889	Pre-Apprentice Lineman/Woman with class A	30	IBEW830L	\$34.77	\$36.31	\$39.01	\$41.61	\$44.41						Hourly	12/16/2023
50051890	Pre-Apprentice Lineman/Woman with hazmat	30	IBEW830X	\$34.89	\$36.43	\$39.13	\$41.73	\$44.53						Hourly	12/16/2023
50051899	Press Operator	6	OSE0685A	\$32.17	\$32.98	\$33.82	\$34.68	\$35.50	\$36.42	\$37.32	\$38.22	\$39.21		Hourly	12/16/2023
50051863	Principal Architect	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051865	Principal Civil Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50167212	Principal Cybersecurity Engineer	12	PAS0066C	\$132,080.00									\$188,323.20	Annually	12/16/2023
50167113	Principal Cybersecurity Governance & Compliance Specialist	12	PAS0066C	\$132,080.00									\$188,323.20	Annually	12/16/2023
50167115	Principal Cybersecurity Risk Specialist	12	PAS0066C	\$132,080.00									\$188,323.20	Annually	12/16/2023
50170618	Principal Dam Safety Engineer	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50051866	Principal Distribution Design Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051867	Principal Distribution System Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051869	Principal Electrical Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50166561	Principal Employee Relations Analyst	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50131800	Principal Energy Advisor	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50139903	Principal Energy Management System Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50108902	Principal Energy Trading Specialist	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50140366	Principal Engineer Closed Classification	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051870	Principal Engineering Technician	12	OSE0755A	\$45.22	\$46.36	\$47.50	\$48.71	\$49.93	\$51.17	\$52.46	\$53.78	\$55.10		Hourly	12/16/2023
50090325	Principal Enterprise Technology Analyst	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50089613	Principal Enterprise Technology Developer	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051871	Principal Financial Accountant	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051872	Principal Financial Analyst	12	PAS0064O	\$122,033.60									\$161,636.80	Annually	8/12/2023
50051872	Principal Financial Analyst	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50051873	Principal Instrument & Controls Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50132976	Principal Market Analyst	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051876	Principal Market Research Specialist	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051877	Principal Market Risk Specialist	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051875	Principal Mechanical Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50052086	Principal Network Engineer Operations Technology	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50139865	Principal Outage Management System Specialist Closed Classification	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051879	Principal Plant Accountant	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50051880	Principal Power Contract Specialist	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051881	Principal Power Operations Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50161716	Principal Power System Analyst	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50088004	Principal Protection Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051882	Principal Rate Analyst	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051884	Principal Resource Planning Analyst	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051886	Principal Telecommunications Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051887	Principal Transmission Planning Engineer	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50093101	Process Coordinator Commercial Development	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50093077	Process Coordinator Customer Operations	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50083168	Procurement Compliance Program Administrator	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50086500	Procurement Specialist Entry	F	PAS0043O	\$74,900.80									\$99,216.00	Annually	12/16/2023
50086476	Procurement Specialist Journey	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50083476	Procurement Supervisor	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50095463	Product Services Coordinator	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50051591	Product Services Specialist	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50083245	Productivity Analyst Entry	F	PAS0043O	\$74,900.80									\$99,216.00	Annually	12/16/2023
50051893	Productivity Analyst Journey	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50162852	Program Manager Critical Infrastructure Protection	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50162981	Program Manager Cybersecurity	12	PAS0066C	\$132,080.00									\$188,323.20	Annually	12/16/2023
50160537	Program Manager Data Governance	12	PAS0062D	\$119,641.60									\$174,948.80	Annually	12/16/2023
50126307	Program Manager Diversity Equity Inclusion and Belonging	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50100228	Program Manager Energy Efficiency and Customer Research and Development	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50166590	Program Manager Future Workforce	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50170541	Program Manager Innovation	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50139508	Program Manager Local Government	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50153614	Program Manager Regulatory Compliance	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50168122	Program Manager Social Media	N/	PAS0059C	\$111,092.80									\$158,433.60	Annually	12/16/2023
50114096	Program Manager System Operations and Reliability	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50160926	Program Manager Vegetation Management	12	PAS0059C	\$111,092.80									\$158,433.60	Annually	12/16/2023
50120124	Program Manager, Information Management & Compliance	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50135827	Project Development Manager	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50111813	Project Integration Manager	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50051896	Project Manager I	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50051897	Project Manager II	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051900	Public Information Specialist I	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50051901	Public Information Specialist II	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50121215	Quality Auditor Journey Level	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50083247	Rate Analyst Entry	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50051916	Rate Analyst Journey	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50095131	Rate Pricing Advisor	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50130984	Regulatory Compliance Analyst Entry level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50130983	Regulatory Compliance Analyst Journey	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50131203	Regulatory Coordinator Generation	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50104213	Relay Specialist	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs



**2024 SMUD Wage Schedule**  
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50051898	Senior Land Specialist	12	PAS0056B	\$100,193.60										\$139,443.20	Annually	6/3/2023
50051898	Senior Land Specialist	12	PAS0056B	\$103,188.80										\$143,624.00	Annually	12/16/2023
50160078	Senior Learning & Development Specialist	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50122845	Senior Line Inspector	12	IBEW965R	\$86.45											Hourly	12/16/2023
50167750	Senior Management Administrative Assistant I	12	PAS0045O	\$78,686.40										\$104,187.20	Annually	12/16/2023
50170242	Senior Management Administrative Assistant II	12	PAS0049O	\$86,819.20										\$115,044.80	Annually	12/16/2023
50052073	Senior Mapper	6	OSE0713A	\$36.75	\$37.68	\$38.60	\$39.57	\$40.56	\$41.58	\$42.58	\$43.67	\$44.75			Hourly	12/16/2023
50091987	Senior Market Analyst	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50160569	Senior Market Research Specialist	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50102303	Senior Market Risk Specialist	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50169475	Senior Market Strategy Analyst	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50138025	Senior Marketing Specialist	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50088378	Senior Material Planner Coordinator	12	PAS0052O	\$93,516.80										\$123,843.20	Annually	12/16/2023
50052077	Senior Mechanical Engineer	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50052079	Senior Meter Technician	12	IBEW937A	\$70.07											Hourly	12/16/2023
50051840	Senior Network Engineer Operations Technology	12	PAS0064O	\$125,694.40										\$166,483.20	Annually	12/16/2023
50052087	Senior Office Specialist	6	OSE0671A	\$29.90	\$30.65	\$31.41	\$32.23	\$33.03	\$33.86	\$34.70	\$35.58	\$36.47			Hourly	12/16/2023
50122177	Senior Office Specialist-Confidential	6	CONF671A	\$32.23	\$33.04	\$33.86	\$34.73	\$35.60	\$36.51	\$37.39	\$38.33	\$39.31			Hourly	12/16/2023
50125952	Senior Organization Effectiveness Specialist	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50139846	Senior Outage Management System Specialist Closed Classification	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50085328	Senior Park Maintenance Worker	12	IBEW814A	\$38.91											Hourly	12/16/2023
50052090	Senior Physical Network Specialist Closed Classification	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50052093	Senior Power Contracts Specialist	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50118825	Senior Power Generation Mechanical Engineer	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50136253	Senior Power Operations Engineer	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50052094	Senior Power System Analyst	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50154603	Senior Power System Operator	12	IBEW990A	\$103.57											Hourly	12/16/2023
50052091	Senior Press Operator	6	OSE0714A	\$37.18	\$38.12	\$39.03	\$40.03	\$41.05	\$42.08	\$43.13	\$44.18	\$45.33			Hourly	12/16/2023
50086475	Senior Procurement Specialist	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50095464	Senior Product Services Coordinator	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50052092	Senior Project Manager	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50088003	Senior Protection Engineer	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50051902	Senior Public Information Specialist	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50052097	Senior Rate Analyst	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50052098	Senior Resource Planning Analyst	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50098850	Senior Revenue Analyst	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50087904	Senior Risk Management Analyst	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50089612	Senior Security Administrator	12	PAS0064O	\$125,694.40										\$166,483.20	Annually	12/16/2023
50168121	Senior Social Media Specialist	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50052070	Senior Software Quality Assurance Specialist	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50052099	Senior Staff Secretary	6	OSE0667A	\$29.33	\$30.06	\$30.82	\$31.59	\$32.36	\$33.18	\$34.02	\$34.88	\$35.76			Hourly	12/16/2023
50052100	Senior Staff Secretary To Board Office Confidential	6	CONF667A	\$31.78	\$32.59	\$33.39	\$34.20	\$35.07	\$35.94	\$36.82	\$37.76	\$38.70			Hourly	12/16/2023
50089955	Senior Staff Secretary-Confidential	6	CONF667A	\$31.78	\$32.59	\$33.39	\$34.20	\$35.07	\$35.94	\$36.82	\$37.76	\$38.70			Hourly	12/16/2023
50160570	Senior Strategic Business Planner	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50099177	Senior Survey Engineering Technician-Chief of Party	6	OSE0740A	\$42.21	\$43.26	\$44.31	\$45.44	\$46.56	\$47.76	\$48.95	\$50.21	\$51.43			Hourly	12/16/2023
50092752	Senior Survey Engineering Technician-Office Survey	6	OSE0735A	\$41.18	\$42.21	\$43.26	\$44.36	\$45.47	\$46.62	\$47.80	\$48.97	\$50.24			Hourly	12/16/2023
50052103	Senior Telecommunications Engineer	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50052107	Senior Telecommunications Technician	12	IBEW939B	\$71.52											Hourly	12/16/2023
50154498	Senior Telephone Technician	12	IBEW922G	\$64.18											Hourly	12/16/2023
50100561	Senior Telephone Technician Closed Classification	12	IBEW939B	\$71.52											Hourly	12/16/2023
50052109	Senior Tool Repairer	12	IBEW901A	\$58.57											Hourly	12/16/2023
50052108	Senior Transmission Planning Engineer	12	PAS0066O	\$132,080.00										\$174,928.00	Annually	12/16/2023
50052114	Senior Troubleshooter	12	IBEW976D	\$92.02											Hourly	12/16/2023
50163133	Senior User Experience Specialist	12	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50154166	Senior Vehicle Mechanic	12	IBEW874B	\$51.24											Hourly	12/16/2023
50083253	Senior Vehicle Mechanic Closed Classification	12	IBEW887A	\$55.94											Hourly	12/16/2023
50154167	Senior Vehicle Mechanic with class A	12	IBEW874D	\$52.39											Hourly	12/16/2023
50052115	Senior Vehicle Mechanic with class A Closed Classification	12	IBEW887L	\$57.09											Hourly	12/16/2023
50154168	Senior Vehicle Mechanic with hazmat	12	IBEW874E	\$52.51											Hourly	12/16/2023
50052116	Senior Vehicle Mechanic with hazmat Closed Classification	12	IBEW887X	\$57.21											Hourly	12/16/2023
50051927	Service Dispatcher	6	OSE0705A	\$35.50	\$36.42	\$37.32	\$38.22	\$39.21	\$40.21	\$41.19	\$42.21	\$43.27			Hourly	12/16/2023
50167601	Shift Power System Operator I	12	IBEW980A	\$77.05	\$78.96	\$80.99	\$83.00	\$85.08	\$87.22	\$89.38	\$91.64	\$93.93			Hourly	12/16/2023
50167434	Shift Power System Operator II	12	IBEW986A	\$98.60											Hourly	12/16/2023
50154602	Shift Senior Power System Operator	12	IBEW990A	\$103.57											Hourly	12/16/2023
50051684	Site Safety Coordinator	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023
50166436	SMUD Cares Program Manager	12	PAS0056B	\$103,188.80										\$143,624.00	Annually	12/16/2023
50168118	Social Media Specialist	12	PAS0054O	\$98,217.60										\$130,062.40	Annually	12/16/2023
50051751	Software Quality Assurance Specialist	12	PAS0054O	\$98,217.60										\$130,062.40	Annually	12/16/2023
50165227	Space and Move Management Specialist	12	PAS0043O	\$74,900.80										\$99,216.00	Annually	12/16/2023
50051940	Special Assistant to Board of Directors	N/	PAS0059O	\$111,092.80										\$147,201.60	Annually	12/16/2023
50051928	Staff Secretary	6	OSE0655A	\$27.77	\$28.50	\$29.17	\$29.93	\$30.66	\$31.41	\$32.17	\$32.98	\$33.82			Hourly	12/16/2023
50086677	Staff Secretary Confidential	6	CONF655A	\$29.98	\$30.74	\$31.51	\$32.27	\$33.07	\$33.91	\$34.76	\$35.64	\$36.49			Hourly	12/16/2023
50052118	Station Recorder Closed Classification	12	IBEW861C	\$33.14	\$34.66	\$44.66	\$46.57	\$49.47							Hourly	12/16/2023
50151393	Station Recorder Closed Classification	12	IBEW872I	\$51.79											Hourly	12/16/2023
50162807	Stem Cooperative Organization Student Assistant	N/	OSE0550A	\$22.89	\$23.47	\$24.05	\$24.64	\$25.26	\$25.90	\$26.53	\$27.20	\$27.89			Hourly	12/16/2023
50051657	Stem Student Assistant	N/	OSE0550A	\$22.89	\$23.47	\$24.05	\$24.64	\$25.26	\$25.90	\$26.53	\$27.20	\$27.89			Hourly	12/16/2023
50160145	Strategic Account Advisor I	F	PAS0045O	\$78,686.40										\$104,187.20	Annually	12/16/2023
50160202	Strategic Account Advisor II	12	PAS0054O	\$98,217.60										\$130,062.40	Annually	12/16/2023
50160192	Strategic Account Advisor III	12	PAS0056C	\$103,188.80										\$147,201.60	Annually	12/16/2023
50160040	Strategic Account Advisor IV Closed Classification	12	PAS0064O	\$125,694.40										\$166,483.20	Annually	12/16/2023
50051626	Strategic Business Planner I	12	PAS0056O	\$103,188.80										\$136,697.60	Annually	12/16/2023
50052044	Strategic Business Planner II	12	PAS0062O	\$119,641.60										\$158,433.60	Annually	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

**2024 SMUD Wage Schedule**  
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50052119	Student Staff Assistant	N/	OSE0549A	\$18.54	\$19.00	\$19.48	\$19.97	\$20.46	\$20.96	\$21.49	\$22.05	\$22.59		Hourly	12/16/2023
50170857	Student Staff Assistant Confidential		CONF549A	\$19.00	\$19.47	\$19.96	\$20.46	\$20.97	\$21.48	\$22.02	\$22.59	\$23.15		Hourly	12/16/2023
50137994	Substation Assets Supervisor	12	PAS0062I	\$116,147.20									\$181,937.60	Annually	12/17/2022
50137994	Substation Assets Supervisor	12	PAS0062I	\$119,641.60									\$187,387.20	Annually	12/16/2023
50091429	Substation Construction Foreman/Woman with class A	12	IBEW942E	\$79.25										Hourly	12/16/2023
50091430	Substation Construction Foreman/Woman with hazmat	12	IBEW942F	\$79.37										Hourly	12/16/2023
TBD	Substation Electrical Inspector	12	IBEW940A	\$72.24										Hourly	10/24/2023
TBD	Substation Electrical Inspector	12	IBEW940A	\$74.40										Hourly	12/16/2023
50051929	Substation Foreman/Woman,Light	12	IBEW940A	\$74.40										Hourly	12/16/2023
50051930	Substation Foreman/Woman,Light with class A	12	IBEW940B	\$75.55										Hourly	12/16/2023
50051931	Substation Foreman/Woman,Light with hazmat	12	IBEW940C	\$75.67										Hourly	12/16/2023
50165789	Substation Maintenance Worker I	12	IBEW861A	\$39.41	\$41.39									Hourly	6/17/2023
50165789	Substation Maintenance Worker I	12	IBEW861A	\$40.59	\$42.63									Hourly	12/16/2023
50125721	Substation Maintenance Worker II	12	IBEW861B	\$43.45	\$45.62	\$47.90	\$50.28							Hourly	6/17/2023
50125721	Substation Maintenance Worker II	12	IBEW861B	\$44.75	\$46.99	\$49.33	\$51.79							Hourly	12/16/2023
50051932	Substation SubForeman/Woman	12	IBEW936D	\$70.01										Hourly	12/16/2023
50051933	Substation Subforeman/Woman with class A	12	IBEW936E	\$71.16										Hourly	12/16/2023
50051934	Substation Subforeman/Woman with hazmat	12	IBEW936F	\$71.28										Hourly	12/16/2023
50091625	Superintendent Project Development and Engineering	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50051957	Supervising Accounting Tech	12	PAS0047O	\$82,700.80									\$109,470.40	Annually	12/16/2023
50165907	Supervising Administrative Analyst I	F	PAS0041O	\$71,302.40									\$94,411.20	Annually	12/16/2023
50165911	Supervising Administrative Analyst II	12	PAS0049O	\$86,819.20									\$115,044.80	Annually	12/16/2023
50165909	Supervising Administrative Analyst III	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50051972	Supervising Customer Representative	12	PAS0049O	\$86,819.20									\$115,044.80	Annually	12/16/2023
50051973	Supervising Customer Services Field Representative	12	PAS0052B	\$93,516.80									\$130,062.40	Annually	12/16/2023
50166563	Supervising Human Resources Analyst	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50135199	Supervising Paralegal	12	PAS0047O	\$82,700.80									\$109,470.40	Annually	12/16/2023
50150056	Supervising Procurement Specialist Closed Classification	12	PAS0059A	\$111,092.80									\$150,883.20	Annually	12/16/2023
50052015	Supervising Resource Planner	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50130191	Supervisor Business Technology Resources & Planning	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50051697	Supervisor Fleet Design & Delivery	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50129649	Supervisor Apprenticeship & Operations Training	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50163093	Supervisor Budget Office	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50090727	Supervisor Business Process Support	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50124592	Supervisor Construction Management Inspection	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50051994	Supervisor Data Management	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50126020	Supervisor Distribution Services New Business	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50051852	Supervisor Distribution System Operations-Field Operation	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50128766	Supervisor Energy Efficiency Emerging Technologies	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50162517	Supervisor Energy Management System	12	PAS0069B	\$142,188.80									\$197,891.20	Annually	12/16/2023
50160221	Supervisor Energy Trading & Contracts	12	PAS0072O	\$153,088.00									\$202,820.80	Annually	12/16/2023
50160265	Supervisor Engineering	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50158442	Supervisor Environmental, Health & Safety Services	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051981	Supervisor Facilities & Maintenance	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50162321	Supervisor Field Metering	12	PAS0059B	\$111,092.80									\$154,668.80	Annually	12/16/2023
50094154	Supervisor Health & Safety Services Closed Classification	12	PAS0066C	\$132,080.00									\$188,323.20	Annually	12/16/2023
50051729	Supervisor Hydro License Implementation	12	PAS0066O	\$132,080.00									\$174,928.00	Annually	12/16/2023
50051990	Supervisor Image Production Postal Service & Administrative	12	PAS0052C	\$93,516.80									\$133,328.00	Annually	12/16/2023
50136695	Supervisor Load Research and Forecasting	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50091651	Supervisor Maintenance Engineering	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50083477	Supervisor Material Planning & Coordination	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50116025	Supervisor Operations & Availability	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50052007	Supervisor Operations Scheduling & Productivity	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50160902	Supervisor Project Management Office	12	PAS0067O	\$135,387.20									\$179,275.20	Annually	12/16/2023
50052012	Supervisor Rates	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50052014	Supervisor Real Estate Services	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50163671	Supervisor Segment Delivery	12	PAS0064O	\$125,694.40									\$166,483.20	Annually	12/16/2023
50160146	Supervisor Strategic Account Management	12	PAS0062D	\$119,641.60									\$174,948.80	Annually	12/16/2023
50052021	Supervisor Survey	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50051925	Supervisor Threat Management and Corporation Security Operations	12	PAS0062O	\$119,641.60									\$158,433.60	Annually	12/16/2023
50126182	Supervisor Transmission and Distribution Line Maintenance	12	PAS0069O	\$142,188.80									\$188,323.20	Annually	12/16/2023
50099720	Supplier Diversity Supervisor	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50164529	Support Center Supervisor	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50092750	Survey Engineering Technician Journey	6	OSE0714A	\$37.18	\$38.12	\$39.03	\$40.03	\$41.05	\$42.08	\$43.13	\$44.18	\$45.33		Hourly	12/16/2023
50170412	Sustainable Community Partnership Specialist I	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50170327	Sustainable Community Partnership Specialist II	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50170328	Sustainable Community Partnership Specialist III	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50091953	Systems Protection and Control	12	PAS0071O	\$149,344.00									\$197,891.20	Annually	12/16/2023
50052124	Technical Writer Entry Level	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50154313	Telecommunications Technician Apprentice	12	IBEW845A	\$39.32	\$42.96	\$46.59	\$50.22	\$53.85	\$57.47					Hourly	12/16/2023
50083255	Telecommunications Technician Apprentice Closed Classification	48	IBEW921A	\$43.83	\$47.87	\$51.94	\$55.93	\$59.99	\$64.05					Hourly	12/16/2023
50052125	Telecommunications Technician Closed Classification	12	IBEW928I	\$67.41										Hourly	12/16/2023
50154499	Telecommunications Technician I	12	IBEW915A	\$60.49										Hourly	12/16/2023
50161055	Telecommunications Technician II	12	IBEW928I	\$67.41										Hourly	12/16/2023
50154625	Telephone Technician	12	IBEW915A	\$60.49										Hourly	12/16/2023
50154626	Telephone Technician Apprentice	12	IBEW845A	\$39.32	\$42.96	\$46.59	\$50.22	\$53.85	\$57.47					Hourly	12/16/2023
50100562	Telephone Technician Apprentice Closed Classification	36	IBEW921A	\$43.83	\$47.87	\$51.94	\$55.93	\$59.99	\$64.05					Hourly	12/16/2023
50100560	Telephone Technician Closed Classification	12	IBEW928I	\$67.41										Hourly	12/16/2023
50052131	Tool Repairer	12	IBEW874G	\$46.84	\$48.35	\$50.10	\$52.57							Hourly	12/16/2023
50052132	Tool Repairer with class A	12	IBEW874M	\$47.99	\$49.50	\$51.25	\$53.72							Hourly	12/16/2023
50052133	Tool Repairer with hazmat	12	IBEW874Z	\$48.11	\$49.62	\$51.37	\$53.84							Hourly	12/16/2023
50086933	Tool Room Foreman/Woman	12	IBEW936A	\$69.00										Hourly	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

**2024 SMUD Wage Schedule**  
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50092673	Trade Show Coordinator	6	OSE0743A	\$43.06	\$44.11	\$45.22	\$46.36	\$47.50	\$48.71	\$49.93	\$51.17	\$52.46		Hourly	12/16/2023
50111034	Training & Compliance Coordinator	12	PAS0052O	\$93,516.80									\$123,843.20	Annually	12/16/2023
50160075	Training Coordinator	12	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50140030	Transmission and Distribution Line Construction Consultant	12	PAS0066C	\$132,080.00									\$188,323.20	Annually	12/16/2023
50151305	Transmission and Distribution Supervisor Projects	12	PAS0062U	\$119,641.60									\$182,187.20	Annually	12/16/2023
50052134	Troubleshooter	12	IBEW941R	\$81.25										Hourly	12/16/2023
50093281	Troubleshooter with class A	12	IBEW941D	\$82.40										Hourly	12/16/2023
50163132	User Experience Specialist Entry Level	F	PAS0045O	\$78,686.40									\$104,187.20	Annually	12/16/2023
50092219	User Experience Specialist Journey	12	PAS0054O	\$98,217.60									\$130,062.40	Annually	12/16/2023
50151422	Utility Assistant	12	IBEW785A	\$19.84	\$22.68									Hourly	12/16/2023
50083807	Utility Compliance Specialist	12	IBEW828G	\$32.38	\$33.86	\$36.46	\$38.95	\$41.71						Hourly	12/16/2023
50151392	Utility Compliance Specialist Closed Classification	12	IBEW872I	\$51.79										Hourly	12/16/2023
50151322	Utility Compliance Specialist Closed Classification	12	IBEW872L	\$53.02										Hourly	12/16/2023
50166507	Utility Compliance Specialist II	12	IBEW919J	\$43.86										Hourly	12/16/2023
50052154	Utility Crew Foreman/Woman with hazmat	12	IBEW888X	\$56.43										Hourly	12/16/2023
50052156	Utility Worker I with class A	12	IBEW802L	\$33.53	\$35.01	\$36.49	\$37.96							Hourly	12/16/2023
50052155	Utility Worker I	12	IBEW802G	\$32.38	\$33.86	\$35.34	\$36.81							Hourly	12/16/2023
50163854	Utility Worker II	12	IBEW814A	\$38.91										Hourly	12/16/2023
50116120	Utility Worker III	12	IBEW816H	\$34.33	\$35.70	\$37.25	\$38.77	\$40.43						Hourly	12/16/2023
50052157	Utility Worker with hazmat	12	IBEW802X	\$33.65	\$35.13	\$36.61	\$38.08							Hourly	12/16/2023
50154631	Vegetation Management Specialist with class A	12	IBEW878H	\$54.33										Hourly	12/16/2023
50150005	Vegetation Management Specialist With class A Closed Classification	12	IBEW901L	\$59.72										Hourly	12/16/2023
50052146	Vegetation Management Supervisor I	12	PAS0056O	\$103,188.80									\$136,697.60	Annually	12/16/2023
50162373	Vegetation Management Supervisor II	12	PAS0059O	\$111,092.80									\$147,201.60	Annually	12/16/2023
50154627	Vegetation Work Planner	12	IBEW878G	\$53.18										Hourly	12/16/2023
50052143	Vegetation Work Planner Closed Classification	12	IBEW901A	\$58.57										Hourly	12/16/2023
50154628	Vegetation Work Planner with class A	12	IBEW878H	\$54.33										Hourly	12/16/2023
50052144	Vegetation Work Planner with class A Closed Classification	12	IBEW901L	\$59.72										Hourly	12/16/2023
50154630	Vegetation Work Planner with hazmat	12	IBEW878J	\$54.45										Hourly	12/16/2023
50052145	Vegetation Work Planner with hazmat Closed Classification	12	IBEW901X	\$59.84										Hourly	12/16/2023
50052158	Vehicle Attendant	12	IBEW816G	\$33.44	\$34.85	\$36.41	\$37.93	\$39.56						Hourly	12/16/2023
50083257	Vehicle Attendant with class A	12	IBEW817B	\$34.59	\$36.00	\$37.56	\$39.08	\$40.71						Hourly	12/16/2023
50052159	Vehicle Attendant with hazmat	12	IBEW817X	\$34.71	\$36.12	\$37.68	\$39.20	\$40.83						Hourly	12/16/2023
50099030	Vehicle Maintenance Aide	12	IBEW790A	\$23.83	\$29.41									Hourly	12/16/2023
50052164	Vehicle Maintenance Aide with class A	12	IBEW790L	\$24.98	\$30.56									Hourly	12/16/2023
50052165	Vehicle Maintenance Aide with hazmat	12	IBEW790X	\$25.10	\$30.68									Hourly	12/16/2023
50154169	Vehicle Mechanic	12	IBEW858A	\$48.12										Hourly	12/16/2023
50154049	Vehicle Mechanic Apprentice with hazmat	48	IBEW851D	\$32.04	\$34.17	\$36.26	\$38.35	\$40.46	\$42.55	\$44.68	\$46.74			Hourly	12/16/2023
50052161	Vehicle Mechanic Apprentice with hazmat Closed Classification	48	IBEW866X	\$35.45	\$37.70	\$39.96	\$42.22	\$44.47	\$46.71	\$48.98	\$51.23			Hourly	12/16/2023
50052160	Vehicle Mechanic Closed Classification	12	IBEW874C	\$52.57										Hourly	12/16/2023
50168478	Vehicle Mechanic Welder	12	IBEW851I	\$50.33										Hourly	12/16/2023
50154213	Vehicle Mechanic Welder Apprentice with class A	12	IBEW851F	\$33.53	\$35.76	\$37.94	\$40.12	\$42.37	\$44.54	\$44.58	\$48.98			Hourly	12/16/2023
50125306	Vehicle Mechanic Welder Apprentice with class A Closed Classification	48	IBEW888A	\$36.79	\$39.14	\$41.56	\$43.98	\$46.40	\$48.78	\$51.18	\$53.57			Hourly	12/16/2023
50154214	Vehicle Mechanic Welder Apprentice with hazmat	12	IBEW851K	\$33.59	\$35.81	\$37.99	\$40.17	\$42.40	\$44.58	\$46.77	\$49.01			Hourly	12/16/2023
50125304	Vehicle Mechanic Welder Apprentice with hazmat Closed Classification	48	IBEW888B	\$36.83	\$39.19	\$41.61	\$44.01	\$46.41	\$48.82	\$51.23	\$53.61			Hourly	12/16/2023
50154218	Vehicle Mechanic Welder with class A	12	IBEW874A	\$51.48										Hourly	12/16/2023
50052166	Vehicle Mechanic Welder with class A Closed Classification	12	IBEW888G	\$56.31										Hourly	12/16/2023
50154219	Vehicle Mechanic Welder with hazmat	12	IBEW872H	\$51.60										Hourly	12/16/2023
50052167	Vehicle Mechanic Welder with hazmat Closed Classification	12	IBEW888X	\$56.43										Hourly	12/16/2023
50154225	Vehicle Mechanic with class A	12	IBEW858D	\$49.27										Hourly	12/16/2023
50052162	Vehicle Mechanic with class A Closed Classification	12	IBEW878A	\$53.71										Hourly	12/16/2023
50154240	Vehicle Mechanic with hazmat	12	IBEW858K	\$49.39										Hourly	12/16/2023
50052163	Vehicle Mechanic with hazmat Closed Classification	12	IBEW878X	\$53.84										Hourly	12/16/2023
50052168	Vehicle Parts Clerk	6	OSE0680B	\$31.41	\$32.17	\$32.98	\$33.82	\$34.68	\$35.50	\$36.42	\$37.33	\$38.23		Hourly	12/16/2023
50161540	Warehouse Operation Coordinator	12	PAS0056C	\$103,188.80									\$147,201.60	Annually	12/16/2023

N/ designates non-civil service jobs

F designates non-journey nonrepresented flex jobs

**Attachment B  
to Resolution No. 23-12-02**

<b>Sacramento Municipal Utility District 2024 Special Pay Compensation Policy</b>							
SPECIAL COMPENSATION CATEGORY	WAGE TYPE	ELIGIBLE EMPLOYEE GROUPS					EFFECTIVE DATE
		OSE	IBEW	PAS/MGMT	PSOA	CONF	
Special Assignment Pay	2nd Shift Differential Pay	\$ 2.79	\$ 3.77	*6%		4%	12/16/2023
Special Assignment Pay	3rd Shift Differential Pay	\$ 3.73	\$ 5.02	*8%		6%	12/16/2023
Special Assignment Pay	4th Shift Diff Pay - R.S.	\$ 4.66	\$ 5.02	*8%		8%	12/16/2023
Special Assignment Pay	PSOA 2nd Shift Differential Pay				8%		12/16/2023
Special Assignment Pay	Dbldm 4th Shift Diff	2X + \$4.66	2X + \$5.02	*2X + 8%	2X + 8%	0	12/16/2023
Special Assignment Pay	Instructor/Training Officer				8%		12/16/2023
Special Assignment Pay	Mutual Aid		2X				12/16/2023
Statutory Items	DT Incentive Erngs	2X	2X	*2X	2X		12/16/2023
Incentive Pay	Employer Paid Member Contributions	0.00%	0.00%	1.75%	0.00%	1.75%	12/16/2023
Statutory Items	FRC Cleaning Allowance	Up to \$1,550 / yr	Up to \$1,550 / yr	Up to \$1,550 / yr	Up to \$1,550 / yr		12/16/2023
Manual Adjustment Required to correct	LUMP SUM ADJ - PERS	**	**	**	**	**	12/16/2023
Statutory Items	Overtime Incentive Erngs	2X	2X	*1.5X	2X		12/16/2023
Statutory Items	PERS Uniform Allowance	Up to \$1,559 / yr	Up to \$2,078 / yr	Up to \$2,078 / yr			12/16/2023
Special Assignment Pay	Relief Shift Differential	\$ 4.66	\$ 5.02	*8%	8%	8%	12/16/2023
Special Assignment Pay	Sch Hol Wk Shft 2 Dif-PAS			*1.5X + 6%			12/16/2023
Special Assignment Pay	Sch Hol Wk Shft 3 Dif-PAS			*1.5X + 8%			12/16/2023
Special Assignment Pay	Sch Hol Wk Shft 4 Dif-PAS			*1.5X + 8%			12/16/2023
Statutory Items	Sch Holiday Dbl Time	2X	2X	*2X	2X		12/16/2023
Statutory Items	Sch Holiday Work	2X	2X	*1.5X	2X		12/16/2023
Statutory Items	Sch Holiday Worked - PAS			*1.5X			12/16/2023
Special Assignment Pay	Schd Hol DT Shft 2 Diff	2X + \$2.79	2X + \$3.77	*2X + 6%	2X + 8%		12/16/2023
Special Assignment Pay	Schd Hol DT Shft 3 Diff	2X + \$3.73	2X + \$5.02	*2X + 8%	2X + 8%		12/16/2023
Special Assignment Pay	Schd Hol DT Shft 4 Diff	2X + \$4.66	2X + \$5.02	*2X + 8%	2X + 8%		12/16/2023
Special Assignment Pay	Sched Hol Wrk Shft 2 Diff	2X + \$2.79	2X + \$3.77	*1.5X + 6%	2X + 8%		12/16/2023
Special Assignment Pay	Sched Hol Wrk Shft 3 Diff	2X + \$3.73	2X + \$5.02	*1.5X + 8%	2X + 8%		12/16/2023
Special Assignment Pay	Sched Hol Wrk Shft 4 Diff	2X \$4.66	2X + \$5.02	*1.5X + 8%	2X + 8%		12/16/2023
Premium Pay	WOC DT Incentive	2X	2X		2X	2X	12/16/2023
Premium Pay	WOC Hol Special	2X	2X		2X	2X	12/16/2023
Premium Pay	WOC OT Incentive	2X	2X		2X	1.5X	12/16/2023
Premium Pay	WOC Reg	1X	1X		1X	1X	12/16/2023
Special Assignment Pay	Temporary Upgrade 2.5%	2.50%	2.50%	2.50%	2.50%	2.50%	12/16/2023
Special Assignment Pay	Temporary Upgrade 5%	5%	5%	5%	5%	5%	12/16/2023
Special Assignment Pay	Temporary Upgrade 7.5%	7.50%	7.50%	7.50%	7.50%	7.50%	12/16/2023
Special Assignment Pay	Temporary Upgrade 10%	10%	10%	10%	10%	10%	12/16/2023
Short Term Incentives - Exec	STI			11%			12/16/2023
Short Term Incentives - Dir	STI			6%			12/16/2023
Individual Performance Award	Pay for Performance Award			0 - 9%			12/16/2023
Incentive Pay	Off-Salary-Schedule Pay						12/16/2023

**Labor Policy:**  
Special compensation will be reported as pensionable compensation in accordance with CalPERS rules & regulations. The above table provides information related to special compensation items for employee groups. Represented employee special compensation may also be found in the applicable labor agreements. For unrepresented employees, this document shall be used to delineate special compensation items, including Special Assignment Pay and Statutory Items designated for employees working 12 hour work schedules and/or shift schedules within Security Operations, Energy Trading & Contracts and any other designated 24/7  
\*applies to PAS employees in Energy Trading & Contracts working a shift schedule  
\*\*manual adjustment amount required to correct records varies depending upon situation

**RESOLUTION NO. 23-12-03**

**WHEREAS**, in support of SMUD's **2030 Zero Carbon Plan**, SMUD submitted a grant application to the **Department of Energy (DOE)** for the **Grid Resilience and Innovation Partnerships (GRIP)** grant on March 17, 2023; and

**WHEREAS**, SMUD was selected on October 17, 2023, to receive a \$50 million **GRIP** grant award for SMUD's **Connected Clean PowerCity** project; and

**WHEREAS**, in support of the grant project, SMUD's match cost share is \$104,967,835 and **Wilton Rancheria's** is \$1,196,337; and

**WHEREAS**, the project will enable a zero-carbon grid of the future by deploying technologies and processes that improve service reliability, support core community benefits, and provide equitable energy access to all at a best-in-class cost; and

**WHEREAS**, expected outcomes future-proofs the region's resilience against climate projections and electrification needs while concurrently delivering immediate benefits in testing grid congestion reductions based on edge-sensing; and

**WHEREAS**, **Connected Clean PowerCity** will identify and implement the base elements and critical infrastructure needed to prepare and implement a complete next-generation smart grid to include a fully enabled instance of Distributed Intelligence (DI) at the Grid Edge at scale, Advanced Distribution Energy Resource Management System (DERMS), and Outage Management System (OMS); and

**WHEREAS**, the project's next-generation smart grid will address the regional need for resilient, reliable grid service that is hardened for and supports the clean energy transition within SMUD's and other utilities' service areas; and

**WHEREAS**, this new intelligent ecosystem replicates effective grid management at small to large utilities with dispersed Tribal partners in rural and urban communities; **NOW, THEREFORE,**

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

**Section 1.** This Board approves and ratifies the submittal of SMUD's **Connected Clean PowerCity** project application to the **Department of Energy (DOE)** for the **Grid Resilience and Innovation Partnerships (GRIP)** grant.

**Section 2.** The Chief Executive Officer and General Manager, or his designee, is authorized to negotiate and execute in the name of Sacramento Municipal Utility District a **GRIP** grant recipient contract with **DOE** as well as all grant documents, including, but not limited to, applications, agreements, amendments and requests for payment, necessary to facilitate grant participation.

Approved: December 14, 2023

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

**RESOLUTION NO. 23-12-04**

**WHEREAS**, in an effort to mitigate wildfire risks in the Eldorado National Forest where SMUD owns numerous facilities associated with the **Upper American River Project (UARP)**, SMUD plans to submit a grant application in January 2024 for a **Department of Forestry and Fire Protection (CALFIRE) California Climate Investments Wildfire Prevention Grants Program (Grant)**; and

**WHEREAS**, **CALFIRE** requires that a copy of an authorizing Board resolution be submitted with the **Grant** application; and

**WHEREAS**, the maximum award for the **Grant** is \$3 million, with no SMUD match cost share requirement, and the project is expected to span Fiscal Years 2024-2027; and

**WHEREAS**, the **Grant** provides funding for wildfire prevention projects and activities in and near the **UARP** transmission line with a focus on increasing the protection of people, structures, and communities; and

**WHEREAS**, the funds acquired from the **Grant** will enable SMUD to perform vegetation clearance projects including hazardous fuels reduction in critical locations to reduce the wildfire intensity and rate of spread and reduce impact on surrounding communities; **NOW, THEREFORE,**

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

**Section 1.** This Board authorizes the submittal of an application for the **California Climate Investments Wildfire Prevention Grants Program (Grant)** administered by the **California State Department of Forestry and Fire Protection (CALFIRE)**.

**Section 2.** This Board certifies the following: 1) that SMUD has or will have sufficient funds to operate and maintain the project; 2) funds under the jurisdiction of SMUD are available to begin the project; and 3) SMUD will expend **Grant** funds prior to the grant deadline.

**Section 3.** The Chief Executive Officer and General Manager, or his designee, is authorized to negotiate and execute in the name of Sacramento

Municipal Utility District a **CALFIRE Grant** recipient contract as well as all **Grant** documents, including, but not limited to, applications, agreements, amendments and requests for payment, necessary to facilitate **Grant** participation.

Approved: December 14, 2023

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

## RESOLUTION NO. 23-12-05

**WHEREAS**, the **Advanced Metering Infrastructure (AMI)** platform, originally implemented in 2009 and partially funded by SMUD's SmartSacramento Grid Investment Grant, is comprised of communication infrastructure equipment (smart meters), a communication network, and back-office systems; and

**WHEREAS**, in 2021 and 2022, as part of SMUD's Next Generation AMI Roadmap, use cases supporting the **2030 Zero Carbon Plan** were analyzed next generation smart meters were identified as a key enabling technology required to support many of the use cases due to their advanced functionality and additional data granularity; and

**WHEREAS**, in October 2023, SMUD was awarded a \$50 million grant from the **Department of Energy Grid Deployment Office's (DOE) Grid Resilience and Innovation Partnerships (GRIP)** program, wherein **Itron Networked Solutions, Inc. (Itron)** was a named partner, for new technologies to increase reliability, efficiency, and flexibility of the electric grid; and

**WHEREAS**, as part of the **GRIP** grant, beginning in September 2024 and continuing through 2025, SMUD will deploy 200,000 **Itron** Riva edge computing sensors with measurement capabilities (smart meters) and eight Distributed Intelligence (DI) applications; and

**WHEREAS**, **Itron** is the only metering manufacturer with a commercially available DI-enabled meter and associated DI apps deployed at scale, has the only DI-enabled meter compatible with SMUD's existing **AMI** mesh network and existing back-office system, is a named partner in the **GRIP** grant, and does not have any resellers; and

**WHEREAS**, the **Itron** Riva edge computing sensors (smart meters) with measurement capabilities are priced very competitively (within 7.5% on average compared to SMUD's existing legacy smart meters that lack the DI-enabled capabilities), and costs for software and professional services are found to be competitive when compared to other software products and associated

professional services purchased by SMUD and thus are considered fair and reasonable; and

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

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

**Section 1.** That the Chief Executive Officer and General Manager, or his designee, is authorized on behalf of SMUD to execute a sole source contract with **Itron Networked Solutions, Inc.** to purchase hardware, software, and professional services to enhance the **Advanced Metering Infrastructure (AMI)** platform for a one-year term in the amount of \$15,000,000, plus applicable taxes and fees.

**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: December 14, 2023

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

**RESOLUTION NO. 23-12-06**

**WHEREAS**, SMUD has a water service contract with the **U.S. Bureau of Reclamation (USBR)** for 30,000 acre-feet of municipal and industrial water per year from the **Central Valley Project (CVP)**; and

**WHEREAS**, SMUD's present water needs do not require use of its full contractual entitlement; and

**WHEREAS**, SMUD and the **City of Roseville (Roseville)** propose to enter into a **Temporary CVP Water Transfer Reimbursement Agreement (Agreement)** whereby SMUD will provide to **Roseville** up to 2,000 acre-feet (AF) of **CVP** water per year for three years; and

**WHEREAS**, **Roseville** will pay \$250/AF for any water scheduled under the **Agreement** and will directly cover or reimburse SMUD for any related consultant fees and **USBR** staff time; and

**WHEREAS**, SMUD will pay **USBR** for the cost of service of the water which varies annually but is approximately \$65/AF; and

**WHEREAS**, SMUD staff and **Roseville** staff are working with USBR to ensure and meet technical, administrative, and environment requirements for the water transfer; and

**WHEREAS**, SMUD and **Roseville** are members of the **Sacramento Water Forum** and publicly disclosed this transfer proposal to the membership on August 24, 2023, with no concerns expressed; **NOW**,

**THEREFORE**,

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

**Section 1.** That the Chief Executive Officer and General Manager, or his designee, is authorized on behalf of SMUD to execute the **Temporary CVP Water Transfer Reimbursement Agreement (Agreement)**, substantially in form set forth in **Attachment C**, for the approximate three-year

period from December 1, 2023, through February 28, 2026, and to take such other actions as may be necessary to implement the **Agreement**.

**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: December 14, 2023

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

**SMUD – ROSEVILLE TEMPORARY CVP WATER TRANSFER  
REIMBURSEMENT AGREEMENT**

THIS REIMBURSEMENT AGREEMENT (“Agreement”) is made and entered into this \_\_\_ day of \_\_\_\_\_, 20 \_\_, by and between the City of Roseville, a municipal corporation (“CITY”), and Sacramento Municipal Utility District, a municipal utility district (“SMUD”).

W I T N E S S E T H:

WHEREAS, CITY is interested in acquiring a portion of additional Central Valley Water Project (“CVP”) water supply, by permanent contract assignment, from SMUD; and

WHEREAS, the reassigned project water would be stored in the aquifers under CITY using CITY’s Aquifer Storage and Recovery (“ASR”) equipped groundwater wells; and

WHEREAS, CITY has a current need to prove out the “real world” injection capacity of CITY’s existing ASR wells and the data to be gathered would help justify to the U.S. Bureau of Reclamation (“Reclamation”) the capacity of the ASR system to potentially acquire a permanent contract assignment of a portion of SMUD’s CVP water service contract entitlement at some future date under separate agreement; and

WHEREAS, SMUD and CITY agree that a temporary CVP water transfer of up to two thousand (2,000) acre-feet per year over a three (3) year period beginning from December 1, 2023 through February 28, 2026 is an appropriate means of providing the needed ASR data to continue reassignment discussions with the U.S. Bureau of Reclamation, SMUD and CITY; and

WHEREAS, any water used as part of the proposed CVP transfer would be used for purposes of the limited testing of the City’s ASR groundwater and injection well capacity and for developing ASR groundwater system readiness.

NOW, THEREFORE, the parties agree as follows:

1. Purchase of Water by CITY. SMUD agrees to transfer up to two thousand (2,000) acre-feet of project water per year to CITY from SMUD's CVP contract entitlement over an established three (3) year period of December 1, 2023 through February 28, 2026 with such amounts of water not exceeding the annual Not-To-Exceed Reimbursement Amounts established herein as EXHIBIT A. CITY acknowledges and understands the completion of a transfer in any given year is dependent upon Reclamation's determination of whether the water is available and whether Reclamation approves the transfer. SMUD makes no representation or warranty as to the successful completion of one or any of the proposed transfers.

2. Costs and Reimbursements. In exchange for the transfer of available and CVP approved water during the established three (3) year period, CITY will compensate SMUD at the rate of \$250 per acre-foot of water actually received by CITY from SMUD's CVP contract entitlement. CITY shall also bear all costs of reimbursing Reclamation for associated staff work on the transfer, as well as the hiring of necessary consultant(s) for environmental documentation needed for each transfer. Any consultant(s) reasonably hired by SMUD to facilitate the completion of any transfer must be preapproved by the CITY in writing before any such related costs are incurred for reimbursement by CITY, which approval shall not be unreasonably withheld.

If CITY disputes any costs claimed by SMUD for a reasonable cause, the amounts and reasons for the disputed item(s) will be documented in writing to SMUD within thirty (30) days after receipt of an invoice. CITY has the right to request additional documentation, and accounting, and/or audit of the costs presented by SMUD. SMUD shall provide all documents reasonably requested by CITY. All undisputed costs will be reimbursed by CITY within 60 days

following receipt of an invoice from SMUD. As to any disputed costs that are not resolved by their respective staffs, CITY and SMUD will each assign a senior leader to seek to reach an agreement.

3. System Validation. CITY shall be responsible for, at its own cost, the current and planned recharge capacity of CITY'S ASR groundwater infrastructure to determine the technical feasible annual schedule of transferred water, in increments, up to two thousand (2,000) acre-feet of water per year.

4. Term. This Agreement commences upon execution and shall naturally expire by its terms on April 30, 2026 and may be terminated at any time by either party upon providing a thirty (30) day written notice.

5. Completion of Project. CITY shall fully perform all necessary tasks to complete the project in a timely and cost-effective manner. If the project cannot be completed as originally scoped, CITY must, at its own expense, ensure that the project is in a safe condition for the public, that completed components are in service, and that any work performed is completed in a workmanlike fashion.

6. Independent Contractor/No Joint Venture. In the performance of this Agreement and completion of the project, each party will act as and be an independent contractor and not an officer, employee or agent of the other. Neither party has authority to bind or commit the other to any decision or course of action and will not represent to any person or business that it has such power. CITY has and will retain the right to exercise full control of the supervision of the work and the employment, direction compensation and discharge of all persons assisting CITY in the performance of work funded by this Agreement. This Agreement does not create a joint venture, partnership or any other relationship of association or agency among the parties.

7. Indemnification. SMUD shall indemnify, defend and hold harmless CITY, and CITY's officers, directors, agents, employees, and volunteers against all claims, liabilities, damages and expenses ("Claims") including, without limitation, claims for injury to or death of any person, or damage (including contamination) to any property, natural resources or the environment to the extent caused by or arising out of SMUD's performance or failure to perform its obligations under this Agreement unless the Claim(s) is subject to CITY's Indemnification, below.

CITY shall indemnify, defend and hold harmless SMUD, its officers, directors, agents, employees and volunteers against all claims, liabilities, damages and expenses ("Claims") including, without limitation, claims for injury to or death of any person, or damage (including contamination) to any property, natural resources or the environment to the extent caused by or arising out of CITY's performance or failure to perform its obligations under this Agreement unless the Claim(s) is subject to SMUD's indemnification, above.

It is the intention of CITY and SMUD that when fault is determined to have been contributory, principles of comparative fault will be followed and each party shall bear the proportionate cost of any damage attributable to the fault of that party, its officers, directors, agents, employees, contractors, volunteers, and CITY Council. The foregoing requirements are not intended to and may not in any manner limit or qualify the liabilities and obligations otherwise assumed by CITY or SMUD pursuant to this Agreement.

8. Third Party Beneficiaries. Nothing in this Agreement is intended to make the public or any member thereof a third party beneficiary hereunder, and no term or condition or other provision of this Agreement is intended to establish a standard of care owed to the public or any member thereof.

9. Insurance. Each party, at its sole cost and expense, shall carry insurance, or self-insure, its activities in connection with this Agreement, and obtain, keep in force and maintain, insurance or equivalent programs of self-insurance, for general liability, workers compensation, and business automobile liability adequate to cover its potential liabilities hereunder. Each party agrees to provide the other 30 days' advance written notice of any cancellation, termination, or lapse of any of the insurance or self-insurance coverages.

10. Third Party Obligations. SMUD is solely liable to third parties with whom it, in its sole discretion, enters into contracts to facilitate one or more transfers under this Agreement. SMUD will pay directly such parties for all amounts due. SMUD must indemnify and hold CITY harmless from any and all claims and liabilities arising from contracts between SMUD and third parties. CITY's only obligation with respect to such third parties will be limited to reimbursement to SMUD for those expenses that CITY is obligated to reimburse pursuant to Section 2.

11. Time is of the Essence. Time is of the essence of this Agreement.

12. Compliance with Laws. Each party shall comply with all federal, state and local laws, ordinances and policies as may be applicable to its obligations under this Agreement.

13. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

14. Assignment. Neither party may assign this Agreement without the prior written consent of the other.

15. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

16. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in any county other than Sacramento or Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

17. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

18. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

19. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

City of Roseville  
City Clerk's Department  
311 Vernon Street,  
Roseville, CA 95678

SMUD

Sacramento Municipal Utility District  
Power Contracts Administration, MSA404  
6301 S Street  
Sacramento, CA 96817-1899

Either party may amend its address for notice by giving notice to the other party in writing.

20. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. \_\_\_\_\_, adopted by the Council of the City of Roseville on the \_\_\_ day of \_\_\_\_\_, 20 \_\_, and SMUD has caused this Agreement to be properly executed.

CITY OF ROSEVILLE, a  
municipal corporation

SACRAMENTO MUNICIPAL UTILITY  
DISTRICT

BY: \_\_\_\_\_  
DOMINICK CASEY  
City Manager

BY: \_\_\_\_\_  
LORA ANGUAY  
Chief Zero Carbon Officer

ATTEST:

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
CARMEN AVALOS  
City Clerk

BY: \_\_\_\_\_  
JOE SCHOFIELD  
Deputy General Counsel

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
MICHELLE SHEIDENBERGER  
City Attorney

APPROVED AS TO SUBSTANCE:

BY: \_\_\_\_\_  
RICHARD D. PLECKER  
Environmental Utilities Director

**RESOLUTION NO. 23-12-07**

**WHEREAS**, in May 2023, SMUD issued Request for Qualification (RFQ) No. Doc4026185446 to technically qualify proposers for a subsequent Request for Proposals (RFP), received 15 proposals in response, and ultimately pre-qualified 13 contractors to participate in the RFP; and

**WHEREAS**, in June 2023, SMUD issued RFP No. Doc4087506649 to solicit qualified firms to provide distribution and transmission substation construction services; and

**WHEREAS**, four proposals submitted in response to RFP No. Doc4087506649 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, **Arrow Construction (Arrow), Henkels and McCoy West, LLC (H&M), Kiewit Transmission Services, Inc. (Kiewit), and Wilson Utility Construction Company (Wilson)** are hereby determined and declared to be the four highest evaluated responsive proposers for Substation Construction Services.

**Section 2.** The Chief Executive Officer and General Manager, or his designee, is authorized, on behalf of SMUD, to enter into Master Service Agreements (MSAs) and finalize terms and conditions with **Arrow, H&M, Kiewit, and Wilson** for Substation Construction Services for a contract term of five years from December 21, 2023, to December 21, 2028, for a total aggregate contract not-to-exceed amount of \$200,000,000.

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

Approved: December 14, 2023

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

**RESOLUTION NO. 23-12-08**

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

This Board accepts the monitoring report for **Strategic Direction SD-11, Public Power Business Model**, substantially in the form set forth in **Attachment D** hereto and made a part hereof.

Approved: December 14, 2023

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

## **SACRAMENTO MUNICIPAL UTILITY DISTRICT**

### **OFFICE MEMORANDUM**

**TO:** Board of Directors

**DATE:** November 29, 2023

**FROM:** Claire Rogers *CR 11/29/23*

**SUBJECT: Audit Report No. 28007615  
Board Monitoring Report; SD-11: Public Power Business  
Model**

Internal Audit Services (IAS) received the SD-11 *Public Power Business Model* 2023 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 2023

## SD-11, Public Power Business Model

### 1. Background

Strategic Direction [11](#), Public Power Business Model states that:

Supporting and strengthening the public power business model is a core value. Local decision making and flexibility are essential to effective and responsible local governance. Community-owned utilities are primarily accountable to their customers, not stockholders. Community citizens have a direct voice in public power decisions.

Preservation of this business model is vital to ensure public power systems continue to provide innovative solutions tailored to best meet the needs of their customers and communities.

### 2. Executive Summary

#### **SMUD is in compliance with SD-11.**

The SD-11 monitoring report updates the Board on our efforts to insulate SMUD from issues that may impact our local governance and provide the Board with a final status report on 2023 issues impacting this strategic directive. SMUD's interests are advanced in the legislative and regulatory arenas to the greatest extent possible. For instance, SMUD meets with key federal and state officials, both elected and appointed, with the driving purpose of educating them on the impact of new and existing policy.

*State Legislative.* SMUD had several victories this year in the California Legislature that advanced the public power business model to ensure local decision making and flexibility. SMUD defended against legislation that would have forced publicly-owned utilities (POUs) to allow attachments to utility poles without appropriate safeguards in place if a short shot-clock approval timeline was not met [Assembly Bill (AB) 965] and secured amendments to remove POUs not within the California Independent System Operator (CAISO) from a planning reserve margin fee assessed by the California Energy Commission (AB 1373). SMUD also worked through our trade associations to remove special districts from a bill that would have required us to change our website and email domains to .ca.gov or .gov (AB 1637). Further, SMUD helped advance legislation to protect rate-making authority [Assembly Constitutional Amendment (ACA) 13] and allow remote Board meetings during emergencies (AB 557). SMUD also worked through a broad coalition to secure funding for electric vehicle infrastructure through the Clean Transportation Program (AB 126).

*State Regulatory.* SMUD engaged in numerous proceedings before state agencies this year, chiefly the California Energy Commission (CEC) and California Air Resources Board (CARB), to advance the public power business model. Most notably, SMUD and our associations successfully influenced the development of the CARB's Advanced Clean Fleets regulation, which requires public agencies and large commercial fleets to transition all medium- and heavy-duty (MHD) vehicles to zero-emission beginning in 2024, to add compliance flexibility measures while supporting the trajectory to electrify MHD vehicle fleets. Key changes in the final rule included securing a fleet averaging compliance option for public fleets as an alternative to purchase mandates and expanding the conditions for seeking an exemption.

SMUD tracked and participated in numerous agency proceedings for opportunities to advance

SMUD's strategic directives, protect jurisdictional limits, and monitor potential changes to industry standards. These include, but are not limited to:

- CARB's Cap-and-Trade pre-rulemaking proceeding (ongoing) where SMUD continues to advocate to preserve allowance allocations for POU's and flexibility regarding allowance disposition.
- CARB's Low Carbon Fuel Standard (LCFS) pre-rulemaking proceeding (ongoing), where through our associations, SMUD is advocating for increased program stringency to promote additional transportation emissions reductions and support credit prices and changes to utility spending requirements to increase flexibility and adaptability.
- CEC's Demand Side Grid Support (DSGS) and Distributed Electricity Backup Assets (DEBA) program implementation, where SMUD and the California Municipal Utilities Association (CMUA) influenced program guidelines to provide greater flexibility for POU-administered programs and dedicated funding for projects in POU service areas.
- CEC's Power Source Disclosure (PSD) pre-rulemaking proceeding (currently ongoing), where SMUD and our associations are advocating to ensure that implementation of hourly greenhouse gas (GHG) accounting requirements and other changes to the PSD program are accurate and within the statutory authority.
- California Public Utilities Commission (CPUC) investigation into a new statewide database of utility poles and conduits (ongoing), where through our associations, SMUD advocated against assertion of jurisdiction over POU's.
- Office of Energy Infrastructure Safety (OEIS) development of potential recommendations to the CPUC regarding wildfire-related General Orders (ongoing), which could impact the industry standards SMUD follows.

Finally, SMUD worked closely with agency staff on the successful approval of SMUD's Neighborhood SolarShares program as a community solar program under the CEC's 2022 Energy Code, and SMUD's application to use LCFS credit proceeds to fund workforce development programs in accordance with LCFS equity spending requirements. SMUD also continued coordination with the CEC regarding SMUD's compliance approach for the newly adopted Load Management Standards regulations, which took effect in April 2023.

*Federal.* SMUD has secured a \$50 million grant from the Department of Energy's (DOE) Grid Resilience and Innovation Partnership (GRIP) Program which will help fund our Connected PowerCity Project. This \$156 million project will develop the next generation of smart grid infrastructure here in Sacramento showcasing public power's ingenuity by deploying a technology ecosystem enabling interactive energy management relationships between SMUD and our customers.

On the legislative front, SMUD has been active in the appropriations process, which determines the level of funding available for high-priority grant programs authorized in the Infrastructure Investment and Jobs Act (IIJA) and the Inflation Reduction Act (IRA), as well as defended against proposals to reverse the direct pay provisions enacted in the IRA. SMUD submitted earlier this year a Congressionally Directed project, or earmark request, to offices for Senators Feinstein and Padilla for a battery storage fire safety training initiative which was not selected to proceed among the Senators' appropriation submissions. However, SMUD was awarded an earmark of \$3 million dollars for a total project cost of \$6 million dollars. Using this funding, SMUD plans to electrify 300 homes in the Meadowview neighborhood. This request was made and awarded through Representative Matsui's office.

Defensive positions included advocating against legislation that would rescind energy tax credits and the ability to elect direct payment of tax credits in House legislation to raise the debt limit. In a legislative

victory, the provisions rescinding SMUD's favored provisions were dropped from the final bill.

In the regulatory arena, SMUD worked with numerous coalitions on comments responding to the U.S. Environmental Protection Agency's (EPA) proposal to curb greenhouse gases from new and existing fossil-fueled power plants. SMUD also continued engagement with the Federal Energy Regulatory Commission (FERC) on dockets related to cost allocation and transmission planning. SMUD continues to develop its enterprise-wide grant capture program to respond to federal funding opportunity announcements and build relationships with key officials and new offices within the DOE in charge of IJJA grant guidance and implementation efforts.

*Community Choice Aggregators (CCA).* AB 117 (2002) created Community Choice Aggregation and authorized local governments to aggregate customer electric load and become the default power provider in the service territory of an incumbent investor-owned utility (IOU). SMUD responded by offering to provide operational services to CCAs.

Today, SMUD offers the following services: contact center services, billing services, data management services, analytics services, program design and administration services, marketing services, and market research, and debt collection services. Current clients include: Valley Clean Energy (VCE), Ava Community Energy (formerly known as East Bay Community Energy), Silicon Valley Clean Energy (SVCE), Marin Clean Energy (MCE), and Sonoma Clean Power (SCP). CCAs enable their customers to access many of the same public power benefits that SMUD and other POUs have provided millions of Californians. Our support of CCAs promotes public power. CCAs also have aggressive carbon reduction goals similar to SMUD's. Our support of CCAs promotes carbon reduction regionally. SMUD is leveraging our decades of experience as a utility, staff expertise, and existing systems to provide skilled services to CCAs, generating new revenue and strengthening SMUD's ability to provide cost effective public power service to our customers.

There are currently over 24 active CCAs in California, representing nearly half of the state, and additional ones emerging or investigating the feasibility of starting a new CCA. The potential for new CCA clients for SMUD is great.

*Western Energy Imbalance Market (EIM) and Extended Day-Ahead Market (EDAM)*

SMUD continues to see significant benefits with its participation in the CAISO's EIM since joining in 2019 through the Balancing Authority of Northern California (BANC). On March 25, 2021, the remaining BANC Balancing Authority Area (BAA) footprint joined the EIM. This broader BANC resource participation has resulted in greater economic benefits and a better ability to integrate and manage intermittent resources within the BANC footprint.

SMUD and BANC, as well as other EIM participants, have supported the extension of the EIM real-time framework to the CAISO's day ahead market under the CAISO's EDAM initiative. After a few years of discussions, direct involvement with the CAISO and a handful of other stakeholders, and broader stakeholder meetings to develop an EDAM proposal, the CAISO filed a tariff amendment with FERC in August 2023. Pending FERC's approval of the filing, to which SMUD also filed supportive comments, EDAM implementation activities are planned for 2024 with EDAM launch as early as 2025. SMUD plans to participate in EDAM beginning in the 2026 timeframe, depending on its implementation efforts and coordination with other BANC participants. SMUD views EDAM as an important step forward in the evolution of Western energy markets and it aligns well with SMUD's 2030 Zero Carbon Plan goals.

As SMUD's Strategic Plan indicates, internal and external factors are driving our business and shaping our business model. Legislative and regulatory uncertainty continues to be a threat to the Public Power Business Model (SD-11). SMUD takes positions on legislation and regulations based on the Board's Strategic Direction.

### 3. Additional Supporting Information

Local decision making and flexibility are essential to effective and responsible local governance. We continued to guard local decision-making and flexibility as we pursue innovative solutions that meet the needs of our customers and our community. High priority 2023 issues were as follows:

- Meetings with state legislators to highlight SMUD's legislative priorities to advance the public power business model.
- Securing amendments to remove applicability on onerous requirements to SMUD (e.g., AB 965, AB 1637, AB 1373).
- Advocating for the passage of ACA 13 to protect local governments' fee and rate authority.
- Supporting AB 557, which eliminates the sunset date on provisions of law allowing local agencies to use teleconferencing without complying with specified Brown Act requirements during a state of emergency.
- Working with coalition of electric vehicle (EV) advocates to secure reauthorization of Clean Transportation Program funding (AB 126).
- Grants capture initiatives to support SMUD's 2030 Zero Carbon Plan, including the GRIP II grant, the Recompete grant, and Matsui earmark.
- Advocating for favorable outcomes in the appropriations process, which determines the level of funding available for high-priority grant programs authorized in the Infrastructure Investment and Jobs Act (IIJA) and the Inflation Reduction Act (IRA).
- Defending against proposals to reverse the direct pay provisions enacted in the IRA.
- Meetings with CEC Commissioners to educate key policy decision-makers on activities and needs related to SMUD's 2030 Zero Carbon Plan, including transportation electrification, building electrification, and load flexibility, to advance the public power business model.
- Securing changes to the Advanced Clean Fleets regulation to increase compliance options for public agencies and improve the transparency and scope of the exemption process.
- Advocating to preserve POU allowance allocations and flexibility regarding allowance value within the Cap-and-Trade program.
- Continued outreach to the CEC regarding SMUD's compliance approach to the Load Management Standards regulation, as well as the development of SMUD's compliance plan.
- Advocating at the CEC for funds from, and flexible program guidelines to implement, the Demand Side Grid Support (DSGS) and Distributed Energy Backup Assets Program (DEBA) Programs to support grid investment.
- Working with the California Electric Transportation Coalition (CaIETC) and partners to encourage changes to strengthen the LCFS program and update utility spending requirements.
- Securing approval of SMUD's application to serve as community solar administrator of Neighborhood SolarShares under the 2022 Energy Code.
- Securing approval of SMUD's application to use LCFS equity proceeds for workforce development programs.
- Working with trade associations to monitor and respond to proposals that could impact jurisdictional authority (e.g., pole attachments proceeding).
- Periodic meetings with CARB staff to advocate for consideration of electricity reliability and affordability in the development of programs, policies, and regulations impacting the electricity sector.

### 4. Challenges:

SMUD continues to face prescriptive legislative and regulatory mandates for carbon reduction, renewable energy, resources planning, and building and vehicle electrification, in part because

of the State's robust climate change goals and their potential interplay with pending federal regulations. With SMUD customers still struggling as energy costs continue to rise, it is particularly important to defend against mandates that increase costs for SMUD. At the state level, an increased interest by legislators and the Governor in both reliability and climate change led to legislative action in the form of planning reserve margin requirements and the creation of a central procurement entity (optional for POU's).

While state policy is increasingly recognizing the importance of a diverse set of resources to reliably and affordably achieve electric sector decarbonization goals, uncertainty remains regarding the definition of "zero-carbon resources," particularly emerging technologies, for purposes of the state's long-term goals. This uncertainty and potential lag time in updating state policy and regulations may pose some challenges for SMUD, as a POU that is making early investments in emerging technologies to support decarbonization goals that are faster than those of the state. For example, next year the CEC and CARB will also be preparing reports that consider and evaluate the potential role of resources like hydrogen, carbon capture and sequestration, and long duration storage, in contributing to the state's goals. The CEC will also be leading the development of the next SB 100 Joint Agency Report, which will evaluate the tradeoffs of various scenarios – including one with no combustion of biogas, carbon capture, or hydrogen – to inform state policymakers. SMUD will continue to advocate for policies that recognize the renewable and zero-carbon resources needed to decarbonize our grid.

Changes to Cap-and-Trade are on the horizon, and CARB staff has signaled both a need to reduce allowance allocations and interest in more prescriptive requirements for the disposition of allowance value. In addition, the CEC is preparing for a rulemaking to implement hourly GHG emissions accounting and reporting requirements for SMUD and other large utilities as part of the Power Source Disclosure program. The new requirements will be highly complex, and it will be critical to ensure that implementation is accurate, understandable, and fair.

SMUD will continue to advocate for the advancement of beneficial transportation and building electrification, along with consideration of utility needs for accelerating the enabling infrastructure. Transportation electrification has been a priority for this Administration, with Governor Newsom's executive order to require that all new cars and passenger trucks sold in California be zero-emission vehicles by 2035 and CARB's Advanced Clean Cars II regulation that took effect at the end of 2022. Moreover, with the Advanced Clean Fleets regulation taking effect in January 2024, the CEC, CARB, and CPUC are all focusing on efforts to deploy the necessary infrastructure to support zero-emission vehicles and freight, which may include recommendations for mandates. Changes to the LCFS are also on the horizon; while many of the current proposals are expected to be positive, SMUD and our associations are also monitoring for potential changes regarding the recipients of base credits and the impacts of CARB's proposal to phase out avoided methane crediting for dairy digesters.

Additionally, SMUD continues to monitor CPUC proceedings that may attempt to assert jurisdiction over POU's (e.g., pole and conduits database, demand flexibility through dynamic rates, discharge permitting for electric utility maintenance tasks, resiliency activities, and General Orders).

## **5. Recommendation**

It is recommended that the Board accept the Monitoring Report for SD-11.

## Appendices

### State Legislation that Impacted SD-11

#### ***ACA 13 (Ward) Voting Thresholds***

ACA 13, a proposed constitutional amendment, requires any constitutional amendments proposed by initiative that call for an increase in the threshold vote requirement be approved by the same proportion of votes cast as the measure would require for future local measures.

SMUD Position: Support. SMUD's advocacy, including Board involvement, proved vital in getting this legislation over the finish line.

Status: This legislation passed through the legislature and does not need action by the Governor. It will be on the November 2024 ballot and must be approved by a majority of California voters.

Staff Comment: This proposed constitutional amendment is in response to the California Business Roundtable (CBRT) initiative, which would jeopardize local government revenues and hinder local governments' ability to deliver essential services. Under current law, it would take only a simple majority vote to pass the CBRT measure, but, with ACA 13, it would need to be approved by a two-thirds vote.

#### ***AB 965 (Carrillo) Broadband Permit Applications***

This bill would have required POU's (in addition to cities and counties) to undertake batch broadband permit processing upon receiving two or more "substantially similar" broadband permit applications submitted at the same time, within a reasonable time. If the POU did not approve or reject those batch permits in a reasonable time, the permits would be deemed approved.

SMUD Position: Oppose unless amended. Once amendments were taken to remove POU's from the bill's requirements, SMUD moved to a neutral position.

Status: Signed by the Governor without provisions that impact SMUD

Staff Comment: There would have been significant safety concerns with this bill, particularly in deeming pole attachments approved if we do not meet the review shot clock. SMUD opposed the bill with a very strong letter and effective advocacy, including in meetings with the Board and our legislative delegation, resulting in the removal of POU's from the bill. The bill passed and was signed by the Governor, setting forth requirements for cities and counties.

#### ***AB 1373 (Garcia) Energy***

This urgency bill that required a two-thirds vote, became law as soon as the Governor signed it on October 7. At a high level, the bill requires the CEC to produce a report by January 31, 2024, assessing every POU's planning reserve margin (PRM) and whether each POU met it. The report will also look at how POU PRMs stack up against the CPUC standards for 2023. The CEC Executive Director is required to assess a capacity payment on POU's that serve load in the CAISO which are found to be short on their PRM in any month when the Strategic Reliability Reserve is used to maintain grid reliability. The bill also provides a mechanism for the Department of Water Resources to centrally procure various electric generating and storage resources. Costs will be borne by customers of load-serving entities. POU's can voluntarily participate in a centrally procured resources.

SMUD Position: Neutral once priority amendments were included in bill. Previously held an oppose unless amendment position.

Status: Signed by Governor. Became law on October 7 as an urgency measure.

Staff Comment: SMUD staff advocated heavily on this bill. The idea initially came about through the Governor's proposed budget and morphed into a policy bill. We had an oppose unless amended position on the bill. The amendments we sought were to remove non-CAISO POU's from the PRM requirements and to get some clarification on the central procurement entity. With the narrowing of the central procurement entity and the removal of non-CAISO POU's from the PRM, we became neutral on the bill.

***AB 1637 (Irwin) Internet Websites and Email Addresses***

This bill requires local agencies to adopt a .ca.gov or .gov domain name. This would have included special districts, as well as cities and counties, but we successfully advocated to get special districts removed from the bill.

SMUD Position: Worked through CMUA and the California Special Districts Association (CSDA) to express our concerns.

Status: Signed by Governor

Staff Comment: The impact would have been widespread, costly, and potentially have impacts to our cyber security efforts. We successfully advocated to get special districts removed from the bill, but we anticipate a similar effort to resurface next year.

***AB 557 (Hart) Local Agencies: Teleconferences***

This bill removes the January 1, 2024 sunset in current law for local agency governing bodies to hold remote, instead of in-person, meetings during states of emergencies. It also extends the period that a local agency body must make findings of a continuing emergency from every 30 days to every 45 days.

SMUD Position: Support

Status: Signed by Governor

Staff Comment: CSDA sponsored the bill, and SMUD supported it.

***SB 57 (Gonzalez) Disconnection of Residential Service***

This bill would have required an electrical corporation, local publicly owned electric utility, gas corporation, local publicly owned gas utility, water corporation, or local agency that owns a public water system to postpone the disconnection of a customer's residential service for nonpayment of a delinquent account when the temperature will be 32 degrees Fahrenheit or cooler, or 95 degrees Fahrenheit or warmer, within the utility's service area during the 24 hours after that service disconnection would occur.

SMUD Position: None

Status: Two-Year Bill

Staff Comment: The bill died before it had a hearing, but we, along with other CMUA members, expressed concern immediately. This could have significant financial impacts and presents jurisdictional concerns.

***AB 735 (Berman) Workforce Development: Utility Careers***

This bill establishes the High Road Utility Careers program to connect existing resources with individuals interested in careers in the utility sector.

SMUD Position: Support  
Status: Two-Year Bill

Staff Comment: The bill is sponsored by CMUA, and SMUD is supporting the bill. It unfortunately didn't pass this year, but we will continue to support if it moves forward next year.

***AB 538 (Holden) Multistate Regional Transmission System Organization: Membership***

This bill authorizes the CAISO to submit a Regional Transmission Organization (RTO) governance plan to the CEC. This would essentially be the first step to allow for a west-wide RTO. The bill included language to make a POU's participation optional.

SMUD Position: SMUD does not have a position on the bill, but we engaged in conversations and watched it closely. CMUA had an oppose unless amended position.  
Status: Two-Year Bill

Staff Comment: Relatedly, on July 14, regulators from California, Oregon, and Washington state sent a letter to the Committee on Regional Electric Power Cooperation (CREPC), which is part of the Western Interstate Energy Board. CREPC is comprised of Western energy commissioners and state energy office officials and focuses on regional cooperation issues. On behalf of California, CPUC President Alice Reynolds and CEC Vice Chair Siva Gunda signed the letter, which basically would create a separate 501(c) entity for the purposes of forming a West-wide market, and the CAISO would staff the entity. The signatories of the letter — Oregon, Washington, California, Arizona, and New Mexico — plan to work through an initial development phase this year, and they would decide key elements of the new entity's structure. Implementation is targeted for 2024.

***AB 9 (Muratsuchi) Greenhouse Gases: Market-Based Compliance Mechanism***

This bill would have required CARB to initiate a regulatory process to evaluate potential updates to Cap-and-Trade. It also would have required the evaluation to focus on specified items, including whether the supply of emission allowances and carbon offsets are consistent with statewide greenhouse gas emissions reduction goals.

SMUD Position: No official position.  
Status: Two-Year Bill

Staff Comment: Given that potential changes to the Cap-and-Trade program could impact rates, we will continue to watch this bill closely, should it move next year.

***SB 308 (Becker) Carbon Dioxide Removal Market Development Act***

This bill would have required CARB, no later than 2027, to adopt a regulation to require emitting entities who produce 25,000 metric tons or more a year to purchase negative emissions credits equal to a specified amount of their greenhouse gas emissions.

SMUD Position: None  
Status: Two-Year Bill

***AB 126 (Reyes) Clean Transportation Program Fee Extension***

The bill reflects a three-party compromise to continue funding the Clean Transportation Program (CTP), the Air Quality Improvement Program (AQIP) and the Enhanced Fleet Modernization Program (EFMP) in California until 2035. These are all critical programs to advance zero emission vehicles and related

infrastructure. Specifically, AB 126 extends the fees originally established in 2007 to 2035 at the same levels to maintain reliable funding (over a billion dollars has been provided over the last 15 years) to support the state's transition to zero-emission vehicles and reduce vehicle pollution. In order to reach this compromise, amendments were taken on September 11, 2023, that include a 15% carve out in the CTP for light-, medium-, and heavy-duty hydrogen infrastructure until 2030 as well as the addition of new reporting requirements for zero-emission vehicle charging and refueling infrastructure.

SMUD Position: Support  
Status: Signed by Governor

Staff Comment: SMUD was active in our support of this bill and worked closely with the CalETC and other low carbon vehicle advocates.

### ***AB 1594 (Garcia) Medium- and Heavy-Duty Zero-Emission Vehicles: Public Agency Utilities***

The bill is intended to rectify issues in the CARB Advanced Clean Fleets (ACF) rule. Specifically, the bill requires a state agency to ensure rules applicable to vehicle fleet purchases allow public agency utilities to replace vehicles without regard to model year and to determine the daily usage of a utility vehicle that does not exclusively rely on the lowest mileage reading and does not exclude the highest usage days. The legislation allows CARB, in consultation with public agency utilities, to determine the end of useful life of an applicable vehicle.

SMUD Position: Watch; worked with CMUA on amendments  
Status: Signed by Governor

## **State Regulation that Impacted SD-11**

### ***Advanced Clean Fleets (ACF) Regulation***

In April 2023, CARB unanimously adopted the ACF regulation, which requires public agencies, drayage truck operators, and larger companies to transition their medium- and heavy- duty (MHD) vehicle fleets to zero-emission vehicles (ZEVs). The rule also increases the ZEV sales requirement for truck manufacturers to 100% of vehicle sales by the 2036 model year. The ACF regulation is part of a comprehensive strategy to achieve a zero-emission truck and bus fleet by 2045 everywhere feasible, and significantly earlier for market segments such as public fleets.

The final ACF regulation provides two compliance pathways for public agencies like SMUD:

- Annual ZEV purchase requirements, which require half of all MHD vehicle purchases to be zero-emission starting in 2024 and 100% to be zero-emission starting in 2027, or
- A “ZEV milestones” option that is based on fleet averaging and requires an increasing percentage of the fleet to be zero-emission at each milestone date. The first milestone date is in 2025.

The ZEV milestone option was originally available only to commercially owned fleets; SMUD successfully advocated to expand its availability to public agencies, which may opt in up until January 1, 2030. Along with CMUA, CalETC, and utility stakeholders, SMUD also advocated for the final regulation to include robust, transparent frameworks for determining when ZEVs are commercially available and have been demonstrated to be reliable for specialized use cases, as well as for assessing other exceptions to the ZEV requirements.

As a result of stakeholder advocacy, the final regulation expanded on the reasons for which fleet owners make seek exemptions, upon demonstration of specific requirements, if ZEVs are unavailable for purchase, cannot meet certain mileage or energy usage requirements, are needed for mutual aid and cannot be refueled using mobile charging. The regulation also includes extensions if vehicle deliveries are delayed or if a fleet owner experiences delays beyond its control in the construction or utility energization of ZEV charging infrastructure. However, there are limitations in the use of each extension or exemption, so relief may be challenging to secure in practice.

Status: The ACF regulation was approved by the Office of Administrative Law in September 2023 and will take effect October 1, 2024. Regulatory requirements for fleet owners begin January 1, 2024. CARB is convening a Truck Regulation Advisory Committee (TRAC) working groups to focus on ACF implementation, including ZEV infrastructure needs and the application of certain exemption requirements.

### ***Cap-and-Trade Amendments (Pre-Rulemaking)***

The Cap-and-Trade program is a key element of California’s strategy to reduce GHG emissions by setting an economy-wide, declining cap on annual GHG emissions. Covered entities must surrender compliance instruments, or allowances, for each metric ton of GHG emissions. The current regulation provides SMUD, and other electric utilities, a specified amount of directly allocated allowances through 2030 to mitigate the cost impacts to ratepayers of compliance with the Cap-and-Trade program. As a POU, SMUD has the option of depositing allowances to meet our compliance obligations or consigning allowances to auction and using the proceeds to benefit ratepayers, in accordance with certain regulatory requirements.

This summer, CARB initiated pre-rulemaking activities for potential updates to the Cap-and-Trade regulation. The primary objective of the update is to align the Cap-and-Trade program with CARB’s 2022 Scoping Plan Update, which calls for additional emissions reductions by 2030 in order to achieve carbon neutrality by 2045. As part of the update, CARB will also consider changes to improve program implementation. While CARB has not yet proposed any formal amendments, potential changes under consideration that are key to SMUD include:

- Reductions to allowance budgets, including utility allowance allocations, through 2030.
- Reduced flexibility for POUs to either consign allowances to auction or deposit for compliance.
- Reduced flexibility for POUs regarding use of allowance proceeds.

POU allowance allocations provide important ratepayer benefits and are critical to advancing the state’s GHG reduction goals. Reductions in allowance allocations may directly impact ratepayers during a time when the state is suffering from an affordability crisis. SMUD and our associations have urged CARB to minimize changes to utility allowance allocations to the extent possible. SMUD also does not support changes that would require POUs to consign all allowances and restrict proceeds; preserving POUs’ flexibility to determine how best to use allowance value is the most efficient, effective, and suitable way to respond to local communities’ needs and reduce GHG emissions in our service areas.

Status: CARB has held several pre-rulemaking workshops but has not yet released draft regulatory amendments. The formal rulemaking is expected to begin late 2023 or early 2024, with a target effective date of January 1, 2025.

### ***Power Source Disclosure Amendments (Pre-Rulemaking)***

Last year, SB 1158 (Becker) established new hourly GHG reporting requirements for retail suppliers of electricity, including SMUD, which the CEC is tasked with implementing. Under the new law, retail suppliers will be required to report the following information beginning January 1, 2028:

- Sources of electricity used to serve hourly loss-adjusted retail load.
- The GHG emissions associated with each source.
- Annual total and average GHG emissions intensity.
- Annual avoided GHG emissions.

Implementation of the new hourly reporting requirements will be proposed in conjunction with changes to the existing Power Source Disclosure program and annual reporting and disclosure requirements. In late summer 2023, CEC staff released proposals and draft regulatory amendments. Under these proposals, retail suppliers would be attributed the emissions associated with all owned and contracted generation during a given hour, even if that generation was sold into the market and did not serve loss-adjusted retail load. The staff proposal also would expand the annual Power Content Label to address non-retail loads, among other changes.

The CEC staff proposals could result in misattribution or double accounting of greenhouse gas emissions well as create perverse incentives for retail suppliers to rely on market purchases instead of their own procured resources. Moreover, addressing non-retail loads on the Power Content Label is likely to confuse customers and is inconsistent with the statutory requirements. SMUD and CMUA are advocating for changes to the proposals and additional discussion prior to the CEC finalizing the implementation approach.

Status: CEC is reviewing comments on the staff proposal and considering changes. The formal rulemaking process is expected to begin in late 2023 or early 2024, with a target completion date of June 2024.

### ***Low Carbon Fuel Standard Program (Pre-Rulemaking)***

The LCFS program is designed to encourage the use and production of low carbon transportation fuels. The LCFS is a market-based program that is based on declining carbon intensity (CI) benchmarks; transportation fuels that have a CI lower than the benchmark generate LCFS credits, and those with higher a CI generate credit deficits. LCFS credits associated with electricity can be generated in several categories, depending on the type and location of the charging; proceeds must generally support transportation electrification projects or programs. Utilities, including SMUD, currently receive “base credits” that are allocated based on estimated EV charging within their service areas. A minimum portion of these base credits funds the statewide Clean Fuel Reward (CFR) program; the remaining “holdback” credits fund utility-specific programs, with minimum spending requirements for projects benefiting low-income and disadvantaged communities. SMUD currently generates credits through partnerships with dairies that produce digester gas for low-carbon electricity.

CARB is currently developing amendments to the LCFS regulation to increase the stringency of the program and displace additional fossil fuels, strengthen equity provisions, and support zero-emission charging infrastructure, among other objectives. Proposed changes include an immediate step-down in CI and inclusion of an auto-acceleration mechanism, changes to capacity credits for ZEV infrastructure, and changes to avoided methane crediting. At this time, CARB has not proposed any changes to base crediting.

SMUD supports an increase in program stringency to drive additional emissions reductions and bolster

low credit prices. Through our membership in CalETC, we are also advocating for changes to the CFR and utility holdback programs to improve program impact, adaptability, and focus on the needs of priority communities. SMUD is also monitoring how potential changes to avoided methane crediting would affect our existing partnerships.

Status: The formal rulemaking process is expected to begin late this year, with a targeted effective date in mid-2024.

### ***Demand Side Grid Support (DSGS) Program***

The CEC's Demand Side Grid Support (DSGS) program was established last summer as part of the new Strategic Reliability Reserve created by AB 205. The program provides incentives to utility customers that provide incremental net load reductions during grid emergencies or extreme events. DSGS providers, which may include POUs, enroll customers and administer the program; depending on the participation option, providers receive administrative cost reimbursement or incentives for committed load reduction capacity. After an accelerated initial launch last summer, the CEC revised the program guidelines in 2023 to reflect lessons learned, expand eligibility allow third-party aggregators to serve as program administrators under certain conditions, and pilot new participation options.

The current DSGS program includes three participation pathways, originally designed with the CAISO in mind:

- Option 1, which provides incentives to customers that voluntarily reduce net load in response to Energy Emergency Alerts (EEAs) issued by a California balancing authority (BA).
- Option 2, which provides monthly capacity payments for demand response resources participating in electricity markets that can provide additional load reduction capability.
- Option 3, which provides monthly capacity payments for behind-the-meter battery virtual power plants that dispatch based on market or other reliability-related signals.

SMUD successfully advocated for flexibility allowing non-CAISO balancing authority areas to benefit from the DSGS program and for POUs to propose alternative program requirements that are best suited for the reliability needs of the POU and their BA. In coordination with CMUA, SMUD also successfully advocated for changes requiring third-party aggregators to obtain written permission from the host POU before becoming a DSGS provider, to ensure any DSGS activities are coordinated with POU needs and operations.

Status: The CEC adopted the revised DSGS guidelines in July 2023. SMUD enrolled as a DSGS provider for "Option 1" this summer. SMUD is exploring options for potential implementation of "Option 3" in summer 2024 and will continue to work with the CEC on program updates.

### ***Office of Energy Infrastructure Safety Recommendations on General Orders***

The Office of Energy Infrastructure Safety (OEIS) has initiated a process to make formal recommendations to the California Public Utilities Commission (CPUC) regarding safety requirements to mitigate the risk of wildfires brought on by climate change and aging infrastructure, including potential updates to General Order (GO) 95, GO 128, and GO 165. OEIS has commissioned a study that will consider a wide range of topic areas, including vegetation management, local conditions, temperature and loading, strength of materials, inspection of lines, replacement, undergrounding, inspection requirements, and standards for operation during disasters and emergencies.

OEIS has not yet released a proposal with specific recommendations. However, any recommendations developed by OEIS and accepted by the CPUC could have a significant impact on the industry

standards that SMUD follows. Through CMUA, SMUD has advocated that OEIS allow for a thorough public review and input process prior to submitting recommendations to the CPUC, as well as considering whether any proposed recommendations would be more appropriately considered as mitigation measures selected through the utility Wildfire Mitigation Plan development process.

Status: OEIS anticipates developing recommendations to transmit to the CPUC in late 2023. Such recommendations are expected to feed into the CPUC's climate change adaptation proceeding, which will explore changes to existing safety requirements.

### ***CPUC Pole Attachments Database Proceeding***

As part of its investigation considering strategies for increased and non-discriminatory access to utility poles and conduit by competitive communications providers, the CPUC has established requirements for IOUs to maintain certain pole attachment data in an online database accessible to attaching entities. In December 2022, the CPUC issued a new ruling considering whether such requirements should apply to POUs and whether the CPUC should also develop online database requirements for conduit information.

SMUD does not support the proposed application of database requirements to POUs or the expansion to include conduit information. Through our membership in CMUA, SMUD has disputed the CPUC's assertion of jurisdiction over POUs for imposing requirements for the convenience and access of pole attachers. CMUA also recommended against developing requirements for conduit information, given that conduit does not pose the same safety risks as overloaded poles and there are greater security and safety risks associated with sharing of conduit information.

Status: SMUD is awaiting the issuance of the CPUC's proposed decision.

### ***2025 Energy Code – Pre-Rulemaking Activities***

The CEC is in the process of developing proposals for the 2025 Energy Code. The new code is expected to continue the trend toward more heat pump space heating (HPSH) and heat pump water heating (HPWH) through prescriptive requirements for new single-family homes, multifamily, and select nonresidential building types. The CEC also proposes including prescriptive heat pump requirements for alterations of existing single-family homes, where demonstrated to be cost effective. The proposed changes also include updates to efficiency standards and certain photovoltaic and energy storage requirements, including a clarification to community solar requirements.

SMUD supports the trend to encourage all-electric new construction, particularly in single family homes. SMUD is also monitoring and providing feedback on proposals that could impact requirements for community solar administrator, based on our unique perspective as the only currently-approved administrator for purposes of the Energy Code. This summer, SMUD recommended against changes to community solar opt-out requirements for multifamily buildings that would have added significant complexity with uncertain practical benefits; such changes were not included in the latest pre-rulemaking amendments.

Status: The formal rulemaking process for the 2025 Energy Code is expected to begin in January 2024. If approved, the 2025 Energy Code requirements will go into effect for construction permits that are applied on or after January 1, 2026.

## ***Load Management Standard (LMS) Regulation***

The amended LMS regulations were adopted by the CEC in October 2022 and took effect on April 1, 2023, expanding on efforts to increase efficiency and demand flexibility in California's electricity grid. While the standard has been in statute since 1978, the most recent amendments are intended to form the foundation of a statewide system that automates the creation of hourly or sub-hourly costs and signals that can be used by end-use automation to provide real-time demand flexibility on the grid. The amended regulations require the state's three largest IOUs and CCAs, the Los Angeles Department of Water, and Power (LADWP) and SMUD to develop marginal cost-based rates that change at least hourly for each customer class that is determined to materially reduce peak load, among other requirements.

During the rulemaking process, SMUD staff advocated to CEC staff, Commissioners, and other key policymakers to help guide the development of the LMS and ensure that SMUD can continue to offer pilots and programs as an alternative to dynamic rates. The final regulations largely reflected our recommendations for a separate compliance pathway for POUs that provides greater implementation flexibility.

Status: The new LMS regulations went into effect in April 2023. This year, SMUD has continued outreach to the CEC regarding our LMS compliance approach. We also successfully completed our first two compliance milestones: uploading our existing time-dependent rates into an online CEC database and submitting our proposed compliance plan to the SMUD Board of Directors by October 1.

## **Delta Water and Hydro Impacts**

Two substantial Delta planning processes could potentially affect energy available for SMUD's purchase from the Central Valley Project (CVP) and flows within the Upper American River Project (UARP) watershed: the Bay-Delta Water Quality Control Plan (Bay-Delta Plan), and the Delta Conveyance Project (successor to the California WaterFix Project, which was in turn successor to the Bay Delta Conservation Plan).

Phase 2 of the Bay-Delta Plan is ongoing and could potentially affect SMUD by increasing the volume of water required for outflow into the Bay (Phase 3 would, if carried out, implement Phase 2 through modifications to water rights). A substantial change in Delta outflow and tributary flow requirements could, among other things, have a major impact on the timing of hydroelectric energy generation. The State Water Resources Control Board (SWRCB) staff released a draft of one of the Phase 2 documents identifying an environmental need for significantly more outflows (in short, 35 to 75% of all water is allegedly needed for outflow with staff recommending 45 to 65%).

Governor Newsom requested the SWRCB explore negotiation of voluntary agreements with water purveyors in lieu of imposing a strict plan. Work on the voluntary agreements process has been slow and sporadic but still appears to be the preferred path for compromise.

Although the earlier, two-tunnel Delta conveyance WaterFix Project was cancelled and its environmental documents rescinded in 2019, the Department of Water Resources (DWR) quickly relaunched the project as a one-tunnel option, renamed the Delta Conveyance Project. The Draft Environmental Impact Report was released in July 2022. The project would involve building one new intake and a tunnel to complement the historical diversion of water through the Delta channels for the State Water Project (SWP). It had been expected the Project would involve the CVP as well, though that does not appear to be the case and the U.S. Bureau of

Reclamation has not been participating, suggesting no CVP power would be used for the project. This is important because if provided by the CVP, power for the estimated 10-year construction effort and long-term operations would come out of supplies otherwise sold to public power contractors, the single largest share of which goes to SMUD under an existing long-term contract (which will be succeeded a new contract). Using the tunnels would be part of an effort to maintain or even increase Delta watershed exports to Southern and Central California. Proponents have claimed the project would help reduce the historical impacts of the South of Delta pumps on special status fish species, though modeling by Northern California interests of the prior project suggests the reduced impacts have not been proven and in fact the opposite could be true. Modeling of the newly proposed project is under way. Changes in the timing of the energy generation due to the project are as yet unclear.

Staff Comment: SMUD is working closely with a coalition of water interests to evaluate the impacts of the Bay–Delta Plan and the Delta Conveyance Project to understand the implications for power generation and SMUD’s water rights and hopefully agree upon a voluntary agreement substitute for a regulated process.

## **Federal Legislation that Impacted SD-11**

### ***H.R. 3746 (McHenry): Raising the Debt Limit***

The “Fiscal Responsibility Act” became law on June 3, 2023. It would raise the federal debt limit, establish new discretionary spending limits, and makes reforms to the federal permitting process (particularly as it relates to the National Environmental Policy Act or NEPA). SMUD supported the increase to the debt limit as a default would have had a significant material impact on the national economy. SMUD also supported the meaningful and balanced reforms to NEPA, which will facilitate energy infrastructure deployment. Previous iterations of the legislation, including H.R. 2811, House Republicans’ initial version of the debt limit bill, would have repealed several clean energy tax credits as well as the direct pay provisions of the IRA. SMUD opposed these provisions and worked directly with its federal delegation and trade associations to push back on the bill.

### ***Tax Policy***

As a municipal utility, SMUD relies on municipal bonds and utilizes all available financing mechanisms to decrease the financing costs of infrastructure investments and projects. Therefore, SMUD has continued to advocate for maintaining the longstanding tax exemption for municipal bond interest as well as preserving the ability of municipal utilities to make an election for elective payment of energy tax credits as authorized under the Inflation Reduction Act (IRA).

The 2017 Tax Cuts and Jobs Act (TCJA) preserved the general exemption, but removed it for advance refunding bonds, which are used to effectively refinance an original bond. SMUD has worked individually and through coalitions like APPA, and the Alliance to Save Energy’s 50X50 Commission to restore the exemption for advance refunding bonds. Bipartisan bills in both the House and Senate have been proposed that would restore advanced refunding. Such legislation is unlikely to be passed as a stand-alone bill; however, restoring advance refunding may be considered as part of a tax reform package as several tax provisions in the TCJA are set to expire at the end of 2025.

The 2022 IRA includes a provision that allows tax-exempt entities to receive refundable elective payments of various energy tax credits, making them directly available to public power utilities for the first time. Both the House and Senate have introduced provisions in various legislation that would repeal energy tax credits authorized under the law; however, none have been advanced. SMUD has worked individually and through coalitions like the American Public Power Association (APPA) and

Large Public Power Council (LPPC) to preserve the energy incentives and the ability of municipal utilities to elect elective payment of various energy tax credits. Bipartisan bills in both the House and Senate have been proposed that would restore advanced refunding. A provision to restore advance refunding was included in the bond financing title of an early House version of the budget reconciliation bill. The Inflation Reduction Act omitted the advance refunding provision, and it is unlikely to be passed as a stand-alone bill, however the provision may return next year as Congress looks to put together a tax reform package. Federal Affairs will continue to track this issue.

### ***Pole Attachments***

Municipal utilities are exempt from federal regulation of pole attachments under Section 224 of the Federal Communications Act. However, the Federal Communications Commission (FCC) has taken steps in recent years that impact public power pole attachments. In September 2018 the FCC issued a declaratory order and ruling reinterpreting other sections of the law to impose fee limits and timelines on pole attachment applications. Most recently, in March 2022, the FCC approved a Further Notice of Proposed Rulemaking (FNPRM) on the allocation of pole replacement costs and the resolution of pole attachment disputes. SMUD has expressed to its delegation concerns about this federal intrusion, noting that it has developed pole attachment agreements with telecom carriers. Rep. Anna Eshoo (D-CA) introduced legislation in January 2019 to nullify the 2018 FCC order, and Senator Dianne Feinstein (D-CA) sponsored similar legislation in the Senate in June 2019. The bills have failed to gain bipartisan support or traction in either chamber and they have not been reintroduced in subsequent congressional sessions.

### ***Appropriations***

As has been customary for many years, Congressional appropriators failed to pass yearly funding bills before the end of the fiscal year (Sept 30). Despite opposition from several members of the House Republican majority, Speaker Kevin McCarthy (R-CA) advanced a continuing resolution (CR) to keep the government funded through Nov. 17, 2023, which resulted in the disaffected members banding with the Democratic Caucus to oust McCarthy from the Speakership under rules negotiated at the beginning of the 118<sup>th</sup> Congress. Mike Johnson (R-Louisiana) has taken over the speakership.

### ***Spent Nuclear Fuel Removal***

Unable to make progress on removing spent nuclear fuel to interim storage facilities, congressional attention has turned to reprocessing and establishing a consent-based process for siting new facilities. The House Fiscal Year 24 Energy & Water Appropriations bill prohibits funds from being used to site an interim storage facility, and the Senate bill directs the Department of Energy to identify a site for interim storage using consent-based principles.

## **Federal Regulatory Issues that Impacted SD-11**

### ***FERC Order 1000***

SMUD has participated in Order 1000 regional transmission planning through WestConnect, a regional planning entity that is comprised of member transmission providers (both jurisdictional and non-jurisdictional transmission providers) with service areas consisting of all or portions of eleven states. WestConnect members work collaboratively to jointly plan transmission facilities, assess stakeholder and market needs and develop cost-effective enhancements to the western wholesale electricity market.

In 2015, FERC accepted WestConnect's withdrawal rights for non-jurisdictional transmission providers such as SMUD. Accordingly, if costs are allocated for particular transmission projects that are unacceptable, the non-jurisdictional transmission provider has a right to withdraw from the cost

allocation determination. El Paso Electric, a WestConnect jurisdictional transmission provider, appealed FERC's decision in the 5th Circuit Court of Appeals contending that a non-jurisdictional's decision not to accept cost allocation for a project will cause free ridership. On August 2, 2023, the 5<sup>th</sup> Circuit issued a decision reversing FERC's WestConnect order, concluding that FERC's order implementing Order 1000 for the WestConnect region is not a just and reasonable application of cost causation. FERC declined to seek rehearing, and accordingly, there is uncertainty at this time on the future of WestConnect's regional planning process. SMUD, along with the other non-jurisdictionals, are exploring options for continued planning that will ensure we are able to decide whether to accept costs for a transmission project.

Meanwhile, in April 2022, FERC issued a Notice of Proposed Rulemaking: Building for the Future Through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection (NOPR) seeking comments on reforms to existing regulations under Order 1000 to plan the grid for the future and address the nation's changing resource mix. SMUD worked with LPPC, APPA, and the Transmission Agency of Northern California (TANC) to develop separate comments in response to the NOPR. FERC also hosted a technical conference with industry experts to discuss certain transmission planning and cost allocation issues, including proposals in the NOPR. FERC has yet to issue an order. We will continue to monitor the rulemaking to ensure our public power interests are represented.

### ***EIM and EDAM***

SMUD has a direct interest in finding long-term solutions to the challenges posed by the integration of intermittent resources, such as wind and solar. One solution has been the development of an EIM operated by the CAISO, and another solution has been what the CAISO refers to as an "Extended Day Ahead Market" (EDAM). In general, the EIM is a sub-hourly energy platform that automatically clears and dispatches the lowest cost electricity available to serve demand on a real-time basis, with EDAM providing similar functionality but with a day-ahead resource and scheduling commitment.

SMUD joined in spring of 2019 under what is referred to as "Phase 1" of BANC's EIM participation as the first municipal participant. SMUD has successfully participated in the EIM since go-live on April 3, 2019, which has provided reliability, operational flexibility, and financial benefits.

The rest of BANC, including the Western Area Power Administration (WAPA) – Sierra Nevada Region, joined the EIM on March 25, 2021, under what is referred to as BANC EIM "Phase 2." This broader BANC resource participation in EIM has resulted in additional economic benefits and a greater ability to integrate and manage intermittent resources within the BANC BAA.

Given the success of EIM, the CAISO, with the support of SMUD and BANC, as well as other EIM participants, launched a stakeholder initiative to develop an extension of the EIM real time framework to the CAISO's day ahead market, referred to as the EDAM. Like EIM, EDAM would broaden the access to regional resources for the reliable integration of renewable resources, only over a longer (day ahead) time horizon, and participation is voluntary. SMUD (along with BANC) was given a seat at the table in the development of EDAM. After a few years of negotiations, along with discussions and stakeholder meetings, the CAISO Board of Governors and WEIM Governing Body jointly approved the EDAM framework in February of 2023. On August 22, 2023, the CAISO filed an EDAM tariff amendment with the FERC, to which SMUD filed supportive comments. Pending FERC's approval of the filing, EDAM implementation activities are planned for 2024 with EDAM launch as early as 2025. SMUD plans to participate in EDAM beginning in the 2026 timeframe, depending on its implementation efforts and coordination with other BANC participants. SMUD and

other EIM Entities believe EDAM is an important step forward in the evolution of Western energy markets and intermittent resource integration by allowing participants to decommit less efficient resources in the day ahead timeframe, as opposed to only in the shorter real time window. Thus, EDAM aligns well with SMUD's 2030 Zero Carbon Plan goals. Moreover, like EIM, EDAM remains a voluntary market, allowing SMUD the added flexibility of pivoting later, should better options arise in the future.

### ***Greenhouse Gas Regulation***

On May 11, the Environmental Protection Agency proposed greenhouse gas emissions standards for fossil-fueled power plants under Sec. 111 of the Clean Air Act. New and reconstructed plants would need to either use highly efficient generation or install carbon capture technology (CCS) or co-fire with hydrogen, depending on the capacity factor of the resource. Existing large units (over 300 MW with a capacity factor over 50%) would be subject to a standard equivalent to either 90 percent capture of CO<sub>2</sub> using CCS by 2035, or co-firing of 30% hydrogen beginning in 2032 and co-firing 96% hydrogen beginning in 2038. Existing coal plants that plan to operate after 2040 would need to capture 90% of their emissions, but those that commit to closing earlier would be subject to a less stringent standard. SMUD is monitoring this proposal, which would have minimal impacts on SMUD if enacted as proposed, but it could be expanded to cover additional units in a way that would pose challenges for SMUD's expected timelines for closure of its natural gas plants.

President Sanborn then turned to Discussion Calendar Items 12.a. and 12.b. pertaining to the 2024 Budget. She stated Item 12.a. is to adopt the 2024 Budget which, among other things, establishes:

- An Operations and Maintenance Budget of \$1,386.1 million (including Public Goods Charge of \$67.9 million);
- A Debt Service budget of \$202.3 million;
- A Capital and Reserve Budget of \$555 million; and
- Authorized contingencies.

She stated Item 12.b. is a Declaration of Intent to Issue Debt to create \$400 million of additional bonding authority to reimburse for qualifying capital expenditures, and Official Intent to reimburse for 2024 and 2023 capital expenditures from bond proceeds, which is required to maintain tax-exempt financing capability.

Jennifer Restivo, Director of Planning & Performance, gave a presentation regarding the 2024 Budget and borrowing authority. A copy of the slides used in her presentation is attached hereto.

No public comment was forthcoming for Discussion Calendar Items 12.a. or 12.b.

After some discussion, Director Bui-Thompson moved for approval of Agenda Item 12.a., Vice President Herber seconded, and Resolution No. 23-12-09 was approved by a vote of 4-0, with Directors Rose, Fishman, and Kerth absent.

**RESOLUTION NO. 23-12-09**

**WHEREAS**, the proposed 2024 Budget is expected to result in a positive net income for 2024; **NOW THEREFORE**,

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

**Section 1.** This resolution may be referred to as the 2024 Budget Resolution.

**Section 2.** (a) There is hereby appropriated from the General Fund sufficient monies for the payment of demands against SMUD which relate to obligations incurred for the purposes and within the amount specified for such purposes in the following projection of SMUD's program for the period January 1, 2024, through December 31, 2024.

Operations and maintenance:

Commodity - purchased power, fuel, and wheeling	\$572,000,004
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Public Goods	67,888,971
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Customer, energy delivery, enterprise strategy, workforce diversity & inclusion, information technology, corporate services and Rancho Seco	746,217,455
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Sub-Total	\$1,386,106,430
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Debt Service	202,263,155
Capital and reserve	554,965,979

<b>TOTAL</b>	<b>\$2,143,335,564</b>
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(b) The Commodity line item budget is based on assumptions of average rainfall and temperatures during 2024. SMUD has in place a Hydro Generation Adjustment (SMUD HGA) mechanism whereby, based on the actual rainfall amounts between April 1, 2023 and March 31, 2024 in comparison to the budget assumptions, SMUD may transfer funds to or from the Hydro Rate Stabilization Fund and, once pre-established limits are met, increase or decrease customer rates. The Commodity line item budget will be increased or reduced based on the actual transfer and/or change in customer revenues from the SMUD HGA adjustment.

(c) SMUD also has in place or may enter into additional agreements under which monies will be received by SMUD in the event actual weather conditions are drier than average. In the event of below average rainfall, the Commodity line item budget will be increased by an amount equal to the payments received under these contracts.

(d) SMUD has budgeted to receive energy in 2024 under its contract with the Western Area Power Administration (WAPA). SMUD has in place a WAPA Hydro Generation Adjustment (WAPA HGA) mechanism whereby, based on the actual delivery from WAPA between April 1, 2023 and March 31, 2024 in comparison to the budget assumptions, SMUD may transfer funds to or from the WAPA Rate Stabilization Fund and, once pre-established limits are met, increase or decrease customer rates. This energy primarily is generated at Central Valley Project hydroelectric plants, and the actual quantity of energy received will be dependent on rainfall, carryover water storage and operation of the WAPA system to meet contractual water deliveries. Because WAPA generation facilities are spread over a wide area, insurance is not practical for offsetting variations of energy deliveries due to weather. One purpose of the Rate Stabilization Fund is to mitigate such variations. The Commodity line item budget will be increased or reduced based on the actual transfer and/or change in customer revenues from the WAPA HGA adjustment

(e) Budgeted energy purchases necessary to meet customer energy sales requirements (10,302 GWh) are based on average weather conditions and expected customer growth in 2024. Should actual weather conditions or growth levels cause SMUD retail sales and related energy requirements to be higher, the Commodity line item budget will be increased by the NP15 power price per megawatt-hour of additional retail energy sales to offset the cost of these sales.

(f) SMUD participates in regulatory programs such as Low Carbon Fuel Standard (LCFS) and Cap-and-Trade. Under these programs, SMUD has the option to monetize the credits and allowances applicable to these programs through sales transactions. When SMUD collects revenues through

these sales, it is required to apply the proceeds toward specific expenses that support the program goals. An additional purpose of the Rate Stabilization Fund is to mitigate fluctuations from regulatory programs. The Accountant is hereby authorized to transfer funds to or from the Rate Stabilization Fund to match LCFS and Cap-and-Trade revenues with expenses. The budgeted amount will be increased or decreased accordingly.

(g) For purposes of Section 11891.6 of the Municipal Utility District Act, there shall be deemed added to each line item, in section 2a, a 10 percent contingency. Demands against SMUD which relate to obligations incurred for each line item and are within such line item amount plus the 10 percent contingency may be paid without prior specific approval of this Board, provided the total of such payments during 2024 may not exceed the total budget amount plus this 10% contingency, plus the commodity contingency and adjustments for weather hedge contracts, higher retail sales and Rate Stabilization transfers as set forth in paragraphs (b), (c), (d), (e) and (f) above.

**Section 3.** Demands against SMUD may be paid without the prior specific approval of this Board if they relate to obligations incurred for the purpose and within the amounts specified in Section 2, provided such demands are approved by the CEO & General Manager or someone to whom he has delegated such approval authority. It is the purpose and intent of this paragraph to delegate to the CEO & General Manager authority to make purchases, to negotiate and execute contracts, and expend funds in any manner necessary or appropriate to the administration of the business affairs of SMUD, all within the amounts and for the purposes set forth above, and subject to the provisions of existing law and of all the duly passed resolutions of this Board, including the Board-approved delegations of authority.

**Section 4.** At monthly intervals the Treasurer shall transfer from the General Fund appropriate amounts into each of the various funds established to service SMUD's general obligation indebtedness, its Electric System Revenue Bond indebtedness, and its Electric Revenue Bond indebtedness in approximately equal installments as set forth in the tabulations on file with the

Accountant. Investment authority, for all funds, is delegated to the Treasurer for a one-year period in accordance with California Code Section 53607.

**Section 5.** The number of permanent full-time employees during 2024 shall not exceed 2,250 employees plus a five percent contingency without further authorization of this Board.

**Section 6.** The Public Goods Charge shall be adjusted from 16.77 percent of 1994 revenues to 16.28 percent of 1994 revenues. The percentage allocation for the public goods charge expenditures shall be adjusted from 6.60 percent to 7.22 percent for low-income assistance, and from 8.16 percent to 7.7 percent for energy efficiency, and from 2.01 percent to 1.37 percent for research and development, and stayed the same at 0.00 percent for new renewable generation.

Approved: December 14, 2023

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

President Sanborn then turned to Discussion Calendar Item 12.b.,  
to adopt the Declaration of Intent to Issue Debt.

There being no further discussion, Director Bui-Thompson moved  
for approval of Discussion Calendar Item 12.b., Vice President Herber seconded,  
and Resolution No. 23-12-10 was approved by a vote of 4-0, with Directors Rose,  
Fishman, and Kerth absent.

**RESOLUTION NO. 23-12-10**

Supplemental Resolution (Supplemental )  
to Resolutions No. 6457, 8107, 83-7-26 )  
as amended by Resolution No. 87-10-22, )  
No. 92-12-29, No. 93-12-19, No. 94-12-16, )  
No. 95-12-10, No. 96-12-07, No. 97-12-18, )  
No. 98-11-12, No. 99-12-10, No. 00-12-11, )  
No. 01-12-02, No. 02-11-04, No. 03-12-14, )  
No. 04-12-11, No. 05-12-13, No. 06-12-08, )  
No. 07-12-08, No. 08-12-05, No. 09-12-08, )  
No. 10-12-03, No. 11-12-08, No. 12-12-06, )  
No. 13-12-09, No. 14-12-13, No. 15-12-08, )  
No. 16-12-14, No. 17-12-13, No. 18-12-12, )  
No. 19-11-05, No. 20-12-14, No. 21-12-11 and )  
No. 22-12-06) declaring the intention of the )  
Board of Directors of the Sacramento Municipal )  
Utility District to Authorize the issuance of )  
additional Revenue Bonds )  
\_\_\_\_\_ )

**WHEREAS**, Sacramento Municipal Utility District (“SMUD”) on July 23, 1970, May 2, 1974, and July 21, 1983, by the adoption by its Board of Directors of Resolutions No. 6457, 8107, and 83-7-26, as amended by Resolution No. 87-10-22 adopted October 1, 1987; Resolutions No. 92-2-11, No. 92-12-29, No. 93-12-19, No. 94-12-16, No. 95-12-10, No. 96-12-07, No. 97-12-18, No. 98-11-12, No. 99-12-10, No. 00-12-11, No. 01-12-02, No. 02-11-04, No. 03-12-14, No. 04-12-11, No. 05-12-13, No. 06-12-08, No. 07-12-08, No. 08-12-05, No. 09-12-08, No. 10-12-03, No. 11-12-08, No. 12-12-06, No. 13-12-09, No. 14-12-13, No.15-12-08, No.17-12-13, No. 18-12-12, 19-11-05, 20-12-14, 21-12-11, 22-12-06 adopted by the Board of Directors on February 6, 1992, December 17, 1992, December 16, 1993, December 15, 1994, December 14, 1995, December 19, 1996, December 17, 1997, November 30, 1998, December 2, 1999, December 7, 2000, December 6, 2001, November 7, 2002, December 4, 2003, December 2, 2004, December 1, 2005, December 7, 2006, December 6, 2007, December 4, 2008, December 3, 2009, December 3, 2010, December 1, 2011, December 6, 2012, December 5, 2013, December 4, 2014, December 3, 2015, December 1, 2016, December 21, 2017, December 20, 2018, November 21, 2019, December 10, 2020, December 9, 2021, and December 8,2022, respectively (collectively, the “Prior Resolutions”), found and determined that it was necessary to raise funds by the

issuance of revenue bonds in the maximum principal amount of \$8,655,000,000 pursuant to Sections 12850, et seq., of the California Public Utilities Code (the “Act”); and

**WHEREAS**, in order to provide reliable electric service to its customers, it is necessary for SMUD to make certain capital improvements and other capital expenditures to its system, which capital improvements and other capital expenditures are designed to have useful lives of up to 40 years, or more; and

**WHEREAS**, to fairly apportion the costs of such capital improvements and other capital expenditures among SMUD’s customers who will receive the benefits of such improvements, SMUD has determined to authorize the financing of such improvements and expenditures with bonds of SMUD; and

**WHEREAS**, to provide bond financing for such improvements and expenditures, it now appears necessary to increase the authorized issue of revenue bonds that may be issued by SMUD pursuant to the Act; and

**WHEREAS**, the Board of Directors of SMUD desires to inform its customers and the public of its plans for financing capital improvements and other capital expenditures to its system by specifying certain items for which the proceeds of said revenue bonds are to be used, which uses shall not include daily maintenance and operations costs; **NOW, THEREFORE,**

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

**Section 1.** The Board of Directors of SMUD declares its intention to authorize the issuance of additional revenue bonds or Clean Renewable Energy Bonds for the purpose of financing, in whole or in part, the costs of the capital items identified in SMUD’s 2024 capital budget, 2022 and 2023 capital expenditures not previously financed, the prepayment of purchased power or natural gas and the purchase of natural gas reserves, pipelines or storage facilities, for all of which SMUD is authorized by law to issue such bonds. SMUD has paid or reasonably expects to pay certain expenditures (the “Reimbursement Expenditures”) in connection with such capital items prior to the issuance of such bonds, and hereby officially declares its intent to use certain proceeds of such

bonds to reimburse the Reimbursement Expenditures. The declarations contained in this section are made solely for purposes of establishing compliance with Section 1.150-2 of the U. S. Treasury Regulations, and do not bind SMUD to make any expenditure, incur any indebtedness or proceed with the above-mentioned capital expenditures.

**Section 2.** The maximum principal amount of the additional revenue bonds proposed to be issued under this supplemental resolution is \$400,000,000. Such maximum principal amount is in addition to the \$8,655,000,000 principal amount of revenue bonds authorized pursuant to the Prior Resolutions. Such additional bonds may be issued in series from time to time, and it shall not be necessary that all of the bonds proposed to be issued be issued at any one time.

Proceeds from the issuance of these bonds will be used to finance capital improvements identified in SMUD's 2024 capital budget, 2022 and 2023 capital expenditures not previously financed, capital expenditures for the prepayment of purchased power or natural gas and the purchase of natural gas reserves, pipelines, or storage facilities. The declarations in this section are made solely to establish compliance with Section 12852 of the California Public Utilities Code, and do not bind SMUD to make any expenditure, incur any indebtedness or proceed with the above-mentioned capital expenditures.

**Section 3.** The maximum term of any of such bonds is 40 years. In the event the maximum authorized amount under a series of bonds is divided into two or more series, the said maximum term shall be calculated in each case from the date of each divided series of bonds.

**Section 4.** The maximum rate of interest to be payable upon such bonds shall not exceed the interest rate per annum equal to the greater of fifteen percent (15 percent) per annum or the yield of United States Treasury bonds having a remaining term equal, as nearly as practicable, to the final maturity of such bonds, as determined by SMUD as of the date of sale of such bonds, plus three percent (3 percent). The maximum discount with respect to such bonds shall not exceed ten percent (10 percent).

**Section 5.** This resolution shall take effect immediately, subject only to the right of referendum provided in Article 6a of Chapter 6 of Division 6 of the California Public Utilities Code (beginning at Section 12850 thereof).

**Section 6.** The Secretary of SMUD is hereby directed to publish a copy of this resolution once a week for two successive weeks in a newspaper of general circulation published within SMUD’s boundaries. At any time within 60 days after the date of the second such publication, a referendum petition signed by voters in number equal to at least three percent (3 percent) of the total vote cast, as defined in Section 11507 of the California Public Utilities Code, demanding the submission of this resolution to a vote of the voters of SMUD for their assent to the issuance of the proposed bonds, may be filed with the Secretary of SMUD. Upon presentation to the Secretary of SMUD of such a referendary petition, this resolution shall not be of effect unless and until it has been assented to by the voters.

Approved: December 14, 2023

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

President Sanborn then turned to Discussion Calendar Item 13, to discuss a possible merit increase to the Chief Executive Officer and General Manager's base salary and/or performance bonus, pursuant to the Chief Executive Officer and General Manager's employment contract.

Director Rose arrived at 5:53 p.m.

President Sanborn stated that the Board had met in closed session, and there was nothing more that could have been asked of Mr. Lau as CEO, and all major items of merit had been beautifully executed, especially in light of the many challenges.

Vice President Herber stated she had worked at SMUD for 20 years and spent much of that time with Mr. Lau. She noted that he had grown into a tremendous leader, instilling in staff that equity, diversity and inclusion is paramount and ensuring the underserved are included as the world turns electric. She stated Mr. Lau had done an exceptional job, and his salary should reflect that.

Director Bui-Thompson thanked Mr. Lau for his service. She stated that the CEO salary is comparatively high to other executives in the public sector space, but she noted that what sets SMUD apart is that it is a public entity that is admired in the public sector space. She noted SMUD keeps the lights on, the rates low, and satisfaction high, and that is due to staff's good work. She stated that good work should be compensated appropriately.

President Sanborn announced that Directors Fishman and Kerth had arrived (at 5:54 p.m. and 5:57 p.m., respectively).

Director Fishman read from an email that he had sent Mr. Lau earlier in the week, wherein he had expressed that although Mr. Lau had done an exemplary job, he did not feel he could support a raise in salary. He concluded that he had come to the meeting prepared to be the outlier and vote no on the salary increase; however, in light of the accomplishments of the week including a large grant award and industry accolades, he was now prepared to approve and vote yes.

Director Kerth stated that Mr. Lau had done a wonderful job and deserved to be compensated. He thanked Mr. Lau for his service to the community.

Director Rose stated he had spent a lot of time with Mr. Lau in the previous week at COP 28, and his one his takeaways from the trip was that SMUD is a world class organization doing world class work that was far and away ahead of the rest of the field. He noted that the CEO salary is one of the most difficult discussions the Board annually encounters, and he supported the increase. He noted that if there were any members of the public who had concerns and ever wanted to have a discussion about CEO salaries, he invited them to email him, and he would be happy to have the conversation.

Director Tamayo stated it was easy for him to support the merit increase. He noted that Mr. Lau had done an incredible job, and his decision was based upon where SMUD stands with the community, the level of service provided, and the level of satisfaction amongst the community.

President Sanborn stated she has also been at COP 28 with Mr. Lau and had witnessed how taken people were with what SMUD is doing. She stated that she wished the increase could be more, but the Board had discussed in closed session a five percent cost of living plus seven percent merit increase.

Ms. Lewis clarified that the cost of living adjustment had been applied to Mr. Lau's salary automatically as required under his employment contract, so she believed the motion would be a merit increase of seven percent.

No public comment was forthcoming for Agenda Item 13.

There being no further discussion, Director Tamayo moved to approve a merit increase of seven percent, and Director Bui-Thompson seconded. Resolution No. 23-12-11 was unanimously approved.

**RESOLUTION NO. 23-12-11**

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

That the Board authorizes a merit compensation increase in the base salary for the Chief Executive Officer and General Manager of seven percent (7%), in accordance with the terms of the Chief Executive Officer and General Manager's Employment Agreement.

Approved: December 14, 2023

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

President Sanborn then turned to Agenda Item 2, Committee Chair Reports.

Director Kerth, Chair, presented the report on the Finance and Audit Committee meeting held on December 13, 2023.

Director Kerth, Vice Chair, presented the report on the Policy Committee meeting held on December 13, 2023.

President Sanborn then called for statements from the public regarding items not on the agenda, but no comment was forthcoming.

President Sanborn then turned to Directors' Reports.

Director Rose stated he had been on vacation, so his report would be short. He reported on his attendance at COP 28 in Dubai.

Director Bui-Thompson reported she had represented SMUD at the WE3 Conference where she spoke on a panel regarding Driving Positive Change through Environmental, Social and Governance (ESG) Practices, and SMUD and Chief Zero Carbon Officer Lora Anguay had received awards for the Zero Carbon Plan.

Director Fishman reported on his speaking engagement at a veterans' housing project in his Ward, sponsored by the Volunteers of America group called Homemade, where SMUD had provided some funds and technical expertise to build a new laundry facility. He then reported on his participation at SMUD's Giving Monday event. He thanked Chief Operating Officer Frankie McDermott for arranging a tour of SMUD's Distribution System Operations (DSO). He also thanked SMUD employees Katarina Miletijev, Steve Hoyt, David Butler, and Michael Witter for walking him through the tour.

Vice President Herber reported on her attendance at the Pocket Canal lighting event and thanked Councilmember Rick Jennings, Devin Lavelle, and Joe Garcia for putting it on. She reported on her participation, along with Director Fishman, and SMUD's Giving Monday. She also reported on her attendance at An Evening of Joan Didion hosted by the Sacramento Historical Society and the Sierra School 100<sup>th</sup> Birthday Celebration at the Sierra 2 Center. She reported on her participation in a podcast with Sacramento Tree

Foundation's Executive Director Jessica Sanders and Scott Syphax. She then reported on her attendance at the Sacramento Hispanic Chamber of Commerce's Latina Estrella Awards, the Indus Valley American Chamber of Commerce annual event, and the Asian Pacific Islander American Public Affairs (APAPA) National Unity Awards Gala. She concluded by reporting on her participation in the Solano 4 Wind Project blade signing event.

Director Kerth reported on his attendance at the Central Labor Council's Salute to Labor, the Natomas Chamber of Commerce Holiday Tree Lighting, the North Sacramento Chamber of Commerce's Tree Lighting, the Associated Plumbing & Mechanical Contractors of Sacramento, Inc. (APMC) and Plumbers Union Local 447 holiday event, and the Central Labor Council's Holiday Festival. He concluded by reporting on his attendance at a discussion hosted by the Environmental Council of Sacramento (ECOS) about Reducing Carbon in the Built Environment.

Director Tamayo reported on his tour of SMUD's transformer vaults in the downtown network and thanked Eric Poff, Director of Substations, Telecommunications & Metering Assets, and Sean Stevens, Substation Assets Supervisor, for accompanying him. He then reported on his attendance at the Elk Grove Economic Equity Symposium and the Catalyst Green Hydrogen Conference. He then reported on his interview with Leah Miller, CEO of Habitat for Humanity of Greater Sacramento, and Scott Syphax about SMUD's efforts to collaborate with Habitat for Humanity and other affordable housing organizations. He noted that the interview was held at Shattered Records, a commercial recording studio that allows an organization called Department of Sound to use their facilities to help youth in the community learn how to work with recording equipment.

President Sanborn reported on her attendance at the Central Labor Council's Salute to Labor. She then reported on her attendance at COP 28 in Dubai, where SMUD and Southern California Edison were the first two United States utilities to sign an international pledge to achieve net zero by 2050 and SMUD also received a certificate of appreciation by the Climate Bonds Initiative

for being the first U.S. issuer of certified climate bonds. She thanked Alberto Ayala and Jaime Lemus from the Sacramento Metropolitan Air Quality Management District for their partnership on the trip. She reported on her speaking engagement at the Greater Sacramento Economic Council (GSEC) Get engaged forum at Sac State as well as her attendance at the Solano 4 Wind Project blade signing event. She concluded by reporting on her attendance at Run to Feed the Hungry.

Paul Lau, Chief Executive Officer and General Manager, thanked the Board for not only their leadership but for embracing the bold clean energy vision and for recognizing staff for all of the work. He then reported on the following items:

- 1) **Grants.** I want to start my report by saying what an amazing year it was. Earlier today we were excited to learn from the Department of Energy (DOE) that SMUD, along with Calpine Corporation, was the successful recipient of a \$270 million grant on the carbon capture and storage project in Yuba City. The grant was one of only three in the nation to put in this new technology that will come online by 2027, just in time for our 2030 Zero Carbon Plan. Additionally, the DOE awarded a \$50 million grant to SMUD for the outage management system to work with our disadvantaged communities like Wilton Rancheria to advance electrification and build the workforce of the future. And then just yesterday we found out we won \$5 million from the California Energy Commission (CEC) that will help with getting electric vehicle (EV) charging into multi-family unit. SMUD will partner with the Sacramento Metropolitan Air Quality Management District, Uber and other local partners to put in approximately 270 EV chargers at 26 locations. I spoke with Chair Hochschild today that SMUD may now be the first utility in California that actually has a viable pathway to get to zero carbon by 2030. Additionally, we added

100 MW of geothermal, repurposed our smaller wind farms to larger 4MW Vestas units to give us another 85 MW of wind, and on top of that, we now have two projects to put utility scale solar and batteries into two solar farms. We have a partnership with ESS to put 4 MW of utility scale long duration batteries, so this has obviously been a very, very good year for SMUD. Last year was a year of planning, and this year was a year of execution, so we are right on plan in terms of doing what we need to do to get to 2030. With the grant award today, we now have a very viable way to get the last 10%.

2) **COP28**. As you heard from President Sanborn and Director Rose, we and Chief Legal & Government Affairs Officer Laura Lewis all attended the Climate Change conference in Dubai. It was inspirational and gave me a lot of hope. President Sanborn and I were able to attend the Blue Zone which was the 25,000 people who are actively negotiating and doing things across the 210 countries there, to advance a zero carbon economy. It was encouraging to see the White House, Germany, Canada, and Australia signing on to use green aluminum and green concrete and for the CEOs of Coke and Pepsi to say they were committed to creating the market to buy all those green products. It was especially meaningful because this was the first time in COP's 28-year history that all 210 countries agreed to move away from fossil fuel. This was also the first time that COP has introduced both nuclear and carbon capture sequestration as a viable alternative, which they did not previously consider. As one person noted, optionality is no longer an option - if you are seriously going to try to get to 1.5 degree, and try to tackle climate change, you have got to put everything on the table and collaborate across the world in order for us to get there. It was a very moving experience. I want to

say thank you – it was a great experience for those of us who went, and I hope in the future that other Board members and staff will get to experience it.

3) **Winter Storms.** Winter is just around the corner. As you know, we work year-round to prevent outages. Last year, we had the storm of the century with nearly 600,000 customers out. I want to say a special thanks to Chief Operating Officer Frankie McDermott and his team who have been working tirelessly to look at all of the things that we need to do to prepare for the storms. We are revamping the entire process, from the back office and how we do assessments, how to get more crews online, how to get more poles, how to get contractors here as quickly as possible, and creating more statuses on our outage maps so people know exactly where they are at, and we have completely redone the process on how to do outage restoration, especially in the event that customers have outages for multiple days. In the near future, we will provide the Board a demonstration on what the new outage management and communications look like. We hope this is another Y2K exercise where we are prepared for the storms, but we hope we do not experience another storm of the century for many years.

4) **Chief Financial Officer Retirement.** Next, something a little bittersweet. Saying goodbye to our dear friend and colleague, CFO Jennifer Davidson, who will be retiring next month after 17 plus years of service at SMUD! I have worked with many CFOs in my 41-year career here, and I must say that Jennifer is one of the best, if not the best, CFOs that SMUD has had. Jennifer, we are going to miss you a lot. I know she has three grandkids that she cannot wait to spend more time with, and, in fact, we spoke with her husband, and he has already bought season tickets for the Chicago Cubs. Jennifer, you leave a lasting mark

on SMUD. It is not every often that a CEO gets to live through COVID, a market shutdown, and worldwide supply chain issues where SMUD could not get transformers for the first time in its history, the heatwave, volatile gas prices, and the outage of our biggest power plant right before summer. Jennifer navigated the unexpected challenges without really impacting the customer. We did not actually need an emergency rate increase like a lot of our neighbors, and we were also able to keep our credit rating, which is the highest it has been for the past 35 years. Jennifer, we are going to miss you a lot. You have been not only a great colleague but a great friend, and SMUD was very, very fortunate to have you for 17 years. We will miss you tremendously but we also wish you a great time spending time with your kids.

5) **Board Video**. Finally, we are ready to take a look at last month's video which is focused on energy storage.

President Sanborn requested the Summary of Board Direction, but there were no items.

President Sanborn thanked Jennifer Davidson for her service. She then thanked the Board Office staff and Special Assistant Crystal Henderson for their work throughout the year. She thanked the Board for the privilege of having served as President. She then stated she would turn it over to Vice President Herber to adjourn the meeting in memoriam.

Vice President Herber congratulated President Sanborn on a successful year. She then stated that her brother-in-law had passed away recently, and when she had gone to the blade signing event in Solano County, she had placed her initials and his initials on the turbine as a tribute and thanked staff for the opportunity to do that.

No further business appearing, Vice President Herber adjourned the meeting in memory of Michael Andrew Franke at 6:58 p.m.

Approved:

\_\_\_\_\_  
President

\_\_\_\_\_  
Secretary

# Exhibit to Agenda Items #12a & 12b

Adopt the following:

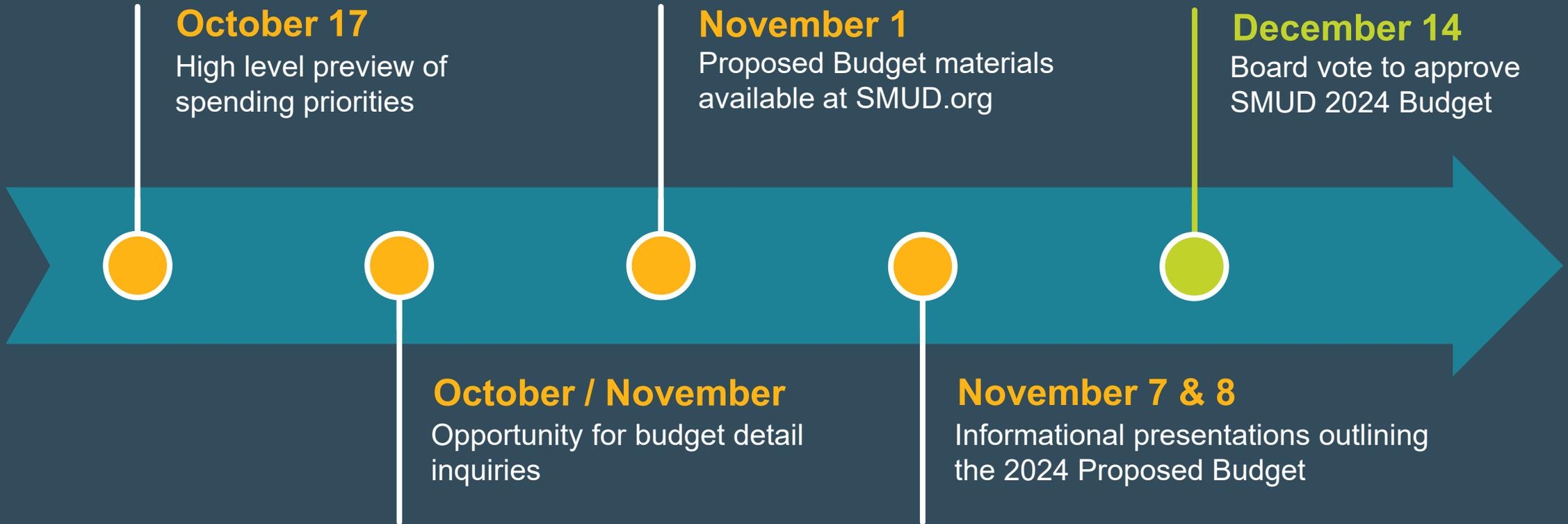
- a. **2024 SMUD Budget** which, among other things, establishes:
  - An Operations and Maintenance Budget of \$1,386.1 million (including Public Goods Charge of \$67.9 million);
  - A Debt Service budget of \$202.3 million;
  - A Capital and Reserve Budget of \$555.0 million; and
  - Authorized contingencies.
  
- b. Declaration of Intent to Issue Debt to create \$400 million of additional bonding authority to reimburse for qualifying capital expenditures, and Official Intent to reimburse for 2024 and 2023 capital expenditures from bond proceeds, which is required to maintain tax-exempt financing capability.

Board of Directors Meeting

Thursday, December 14, 2023, scheduled to begin at 5:30 p.m.

SMUD Headquarters Building, Auditorium

# 2024 Budget timeline



# 2024 SMUD Budget

<b>Commodities</b>	<b>\$572.0</b>
<b>SMUD Operating Expenses</b>	<b>746.2</b>
<b>Public Good Expenses</b>	<b>67.9</b>
<b>Operations &amp; Maintenance Sub-Total</b>	<b>\$1,386.1</b>
<b>Capital</b>	<b>555.0</b>
<b>Debt Service</b>	<b>202.3</b>
<b>Total Budget Authorization</b>	<b>\$2,143.4</b>

# 2024 Budget Net Income

Electric Sales	\$1,762
Energy Assistance Program Rate/MED Discounts	(39)
<b>Net Sales</b>	<b>\$1,724</b>
Other Revenue	71
<b>Total Revenue</b>	<b>\$1,795</b>
Commodity	572
Business Unit O&M and Public Good	814
Other Costs/Income	284
<b>Change in net position – Net Income</b>	<b>\$125</b>

*Totals may reflect minor rounding differences*

*\$Millions*

# Request to Approve

- 2024 SMUD Budget Resolution
- 2024 Debt Resolution



SSS No.  
ET&C 23-087

# BOARD AGENDA ITEM

## STAFFING SUMMARY SHEET

Committee Meeting & Date Finance & Audit - 1/16/24
Board Meeting Date January 18, 2024

TO				TO			
1.	Chad Adair	6.	Scott Martin				
2.	Jon Olson	7.	Jose Bodipo-Memba				
3.	Russell Mills	8.	Jennifer Davidson				
4.	Heather Wilson	9.	<b>Legal</b>				
5.	Lora Anguay	10.	<b>CEO &amp; General Manager</b>				
<b>Consent Calendar</b>	<input checked="" type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>	<i>If no, schedule a dry run presentation.</i>	<b>Budgeted</b>	<input checked="" type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>	<i>(If no, explain in Cost/Budgeted section.)</i>
FROM (IPR) Chad Adair		DEPARTMENT Energy Trading & Contracts		MAIL STOP A404	EXT. 5494	DATE SENT 12/22/23	

**NARRATIVE:**

**Requested Action:** Authorize the Chief Executive Officer and General Manager, or his delegate, to execute the third amendment to the California Oregon Transmission Project (COTP) Long-Term Layoff Agreement (Agreement) by and among the Transmission Agency of Northern California (TANC) and certain of its members, namely, SMUD, Modesto Irrigation District (MID), the Turlock Irrigation District (TID), the City of Palo Alto (Palo Alto), and the City of Roseville (Roseville), substantially in form attached, to extend the existing Agreement for an additional 10 years to January 31, 2034.

**Summary:** Pursuant to Resolution No. 90-03-10, SMUD, Palo Alto, MID, Roseville, and TID are each Participants in and parties to TANC Project Agreement No. 3 (“TANC PA 3”), entered into March 1, 1990, for the funding, construction, and operation of the COTP.

Pursuant to Resolution No. 09-01-05, SMUD entered into a Long-Term Layoff Agreement on February 1, 2009, with TANC and certain of its members, namely, Palo Alto, Roseville, MID, and TID wherein Palo Alto and Roseville laid off their entitlement to TANC’s Transfer Capability on the COTP associated with their participation percentages under TANC PA 3 to MID, TID, and SMUD for a 15-year term of the Agreement.

In the Agreement, MID, Roseville, TID, and SMUD accepted and assumed all of Palo Alto and Roseville’s participation percentages under TANC PA 3 for the term of the Agreement, with SMUD acquiring 35 MW of capacity in the north-to-south direction and 27 MW in the south-to-north direction on the COTP.

Pursuant to Resolution No. 14-04-08, SMUD executed Amendment No. 1 to the Agreement effective July 1, 2014, which returned Roseville’s COTP interests, rights, and obligations from MID, TID, and SMUD back to Roseville, and clarified Palo Alto’s voting rights under TANC PA 3.

SMUD executed Amendment No. 2 to the Agreement on May 26, 2016, pursuant to authorization under Resolution No. 14-04-08, which provided that in the absence of a default by MID, TID, and SMUD, Debt Service for the 2016A Bonds and any extension thereof associated with Palo Alto’s 3.6815 participation percentage in TANC’s entitlement to transfer capability on the COTP would be paid by MID, TID, and SMUD.

The Parties have negotiated on this Amendment No. 3 to extend the Agreement for an additional 10 years to January 31, 2034 to ensure that all of Palo Alto’s interests, rights, and obligations associated with its participation percentage under TANC PA 3 continue to be laid off to MID, TID, and SMUD (with SMUD maintaining 22 MW north-to-south and 17 MW south-to-north transfer capability) for the extended term of the Agreement and to add an annual market payment to Palo Alto from MID, TID, and SMUD. This Amendment No. 3, by modifying the term of the Agreement, will also extend the term of Roseville’s layoff of its South of Tesla (“SOT”) allocation, originally described in Section 4 of the Agreement.

The Agreement will expire on January 31, 2024, if this Amendment Number 3 is not approved.

**Board Policy:** Strategic Direction SD-2, Competitive Rates; Strategic Direction SD-4, Reliability, Strategic Direction SD-9, Resource Planning  
*(Number & Title)*

**Benefits:** SMUD will maintain 22 MW north-to-south and 17 MW south-to-north of additional transmission capacity on the COTP. The Amendment will enable SMUD to continue to import additional amounts of Northwest Power from outside the California Independent System Operator (CAISO) grid, avoid the associated CAISO fees, enhance SMUD's import reliability through the purchase of more firm energy, and provide an opportunity for SMUD to pursue additional long-term renewable power supply agreements with projects located in northern California or from points beyond in the long-term.

**Cost/Budgeted:** The expected annual cost for SMUD's share of this Agreement is approximately \$755,000 (including the market payment) and is included in the budget for 2024 and beyond. SMUD's share of the market payment is approximately \$244,000 per year in the first five years and \$355,000 per year in the last five years.

**Alternatives:** Forego the opportunity to continue having an additional 22 MW north-to-south and 17 MW south-to-north of COTP capacity and continue utilizing the existing import capability SMUD has on PG&E's grid across CAISO's Balancing Authority.

**Affected Parties:** SMUD, TANC, the City of Palo Alto, MID, TID, and the City of Roseville.

**Coordination:** Energy Trading & Contracts and Legal

**Presenter:** Jon Olson, Director, Energy Trading & Contracts

**Additional Links:**

SUBJECT

**Third Amendment to the SMUD-TID-MID-Palo Alto-Roseville TANC California Oregon Transmission Project Long-Term Layoff Agreement**

ITEM NO. (FOR LEGAL USE ONLY)

**6**

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

# DRAFT – NOT FOR EXECUTION

Amendment No. 3  
Long-Term Layoff Agreement  
By and Among  
the  
Transmission Agency of Northern California  
and certain  
of its Members  
namely  
The City of Palo Alto  
The City of Roseville  
The Modesto Irrigation District  
The Turlock Irrigation District  
and  
The Sacramento Municipal Utility District

# DRAFT – NOT FOR EXECUTION

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Section 4. Integration .....	4
SIGNATURES .....	4

This Amendment No. 3 of the February 1, 2009 Long Term Layoff Agreement By and Among the Transmission Agency of Northern California and certain of its members ("LTLA"), is entered into as of the Effective Date defined in Section 1 of this Amendment No. 3, by and among the Transmission Agency of Northern California ("TANC") and certain of its members, namely the City of Palo Alto, referred to as "PALO ALTO", and, the City of Roseville ("ROSEVILLE"), the Modesto Irrigation District ("MODESTO"), the Turlock Irrigation District ("TURLOCK"), and the Sacramento Municipal Utility District ("SMUD"), with references to each entity individually and collectively as "Party" or "Parties". Capitalized terms used in this Amendment No. 3 are defined in TANC Project Agreement No. 3, unless otherwise specifically defined in this Amendment No. 3.

### RECITALS:

- A. PALO ALTO, MODESTO, ROSEVILLE, TURLOCK, and SMUD are each Participants in and parties to TANC Project Agreement No. 3 ("TANC PA 3"), entered into March 1, 1990.
- B. In the LTLA, PALO ALTO and ROSEVILLE laid off their entitlement to TANC's Transfer Capability on the California-Oregon Transmission Project ("COTP") associated with their Participation Percentages under TANC PA 3 to MODESTO, TURLOCK, and SMUD for the fifteen-year term of the LTLA.
- C. In the LTLA, MODESTO, TURLOCK, and SMUD accepted and assumed all of PALO ALTO and ROSEVILLE's Participation Percentages under TANC PA 3 for the term of the LTLA.
- D. Amendment No. 1 to the LTLA returned ROSEVILLE's COTP interests, rights, and obligations from MODESTO, TURLOCK, and SMUD back to ROSEVILLE, and clarified PALO ALTO's voting rights under TANC PA 3.

## DRAFT – NOT FOR EXECUTION

- E. At TANC's January 27, 2016 meeting, TANC approved a resolution authorizing the issuance of California-Oregon Transmission Project Revenue Refunding Bonds, 2016 Series, ("the 2016 COTP Bonds"). On March 9, 2016 TANC issued and sold its \$173,920,000 California-Oregon Transmission Project Revenue Refunding Bonds, 2016 Series A (the "2016A Bonds"), which have a maturity date of May 1, 2039.
- F. Amendment No. 2 to the LTLA provided that in the absence of a default by MODESTO, TURLOCK, and SMUD, Debt Service for the 2016A Bonds and any extension thereof associated with PALO ALTO's 3.6815 Participation Percentage in TANC's entitlement to Transfer Capability on the COTP would be paid by MODESTO, TURLOCK, and SMUD.
- G. The Parties have agreed to execute this Amendment No. 3 to the LTLA to extend the LTLA for approximately an additional ten years to January 31, 2034 to ensure that all of PALO ALTO's interests, rights, and obligations associated with its Participation Percentage under TANC PA 3 continue to be laid off to MODESTO, TURLOCK, and SMUD for the extended term of the LTLA in the absence of a default by MODESTO, TURLOCK, and SMUD, and to add an annual market payment to PALO ALTO from MODESTO, TURLOCK, and SMUD. This Amendment No. 3, by modifying the term of the LTLA, will also extend the term of ROSEVILLE's layoff of its South of Tesla ("SOT") allocation, originally described in Section 4 of the LTLA.
- H. The Parties agree that except as amended and modified by Amendment No. 1 and Amendment No. 2, which remain in effect, and this Amendment No. 3, the LTLA remains in full force and effect, without any other changes to any of its provisions.

NOW THEREFORE, in consideration of the premises described in the Recitals, and in consideration of the terms, covenants, and conditions that are set out below, the Parties have entered into this Amendment No. 3 to the LTLA.

### AGREEMENT:

#### Section 1. Effective Date.

This Amendment No. 3 shall become effective and enforceable on \_\_\_\_\_ 2024 at 0001 hours Pacific Prevailing Time following the due execution and delivery of this Amendment No. 3 to TANC, or the date on which this Amendment No. 3 is duly executed by all of the Parties and delivered to TANC, if \_\_\_\_\_ 2024 passes without such execution and delivery (hereinafter "Effective Date").

#### Section 2. Modification of Section 2, "Term".

Section 2 of the LTLA, entitled "Term", is hereby modified as follows:

## DRAFT – NOT FOR EXECUTION

“The term of this Agreement shall be approximately twenty five (25) years commencing on the Effective Date and terminating at 0000 hours Pacific Prevailing Time on January 31, 2034, unless the Parties mutually agree in writing to extend the term of the Agreement for another five (5) years (hereinafter “Term”).

### Section 3. Addition of Section 3.k, “Annual Market Payment”.

Section 3.k., “Annual Market Payment.” is hereby added:

“Starting May 1, 2024, and on each May 1 thereafter for the term of the LTLA, MODESTO, TURLOCK, and SMUD, in aggregate, will pay PALO ALTO an annual fixed payment of \$550,000 per year to PALO ALTO for the 5 years from 2024 through 2028 (\$61,820 from MODESTO or 11.24%, \$244,090 from TURLOCK or 44.38%, and \$244,090 from SMUD or 44.38%), and \$800,000 per year for the 5 years from 2029 through 2033 (\$89,920 from MODESTO or 11.24%, \$355,040 from TURLOCK or 44.38%, and \$355,040 from SMUD or 44.38%). While this payment will be administered by TANC in accordance with section 3.f of the LTLA, MODESTO, TURLOCK and SMUD shall be jointly and severally liable to make the payment annually.”

### Section 4. Integration.

Except as amended and modified by Amendment No. 1 and Amendment No. 2, which remain in effect, and this Amendment No. 3, the LTLA remains in full force and effect, without change to any of its provisions other than the text expressly altered by this Amendment No.3. On the Effective Date this Amendment No. 3 and the LTLA shall be one, integrated Agreement.

The Parties have duly executed and delivered this Amendment via their authorized representatives set forth below.

### SIGNATURES:

TRANSMISSION AGENCY OF  
NORTHERN CALIFORNIA

By:

Its:

Dated:

CITY OF PALO ALTO

By:

Its:

Dated:

DRAFT – NOT FOR EXECUTION

TURLOCK IRRIGATION DISTRICT

By:

Its:

Dated:

SACRAMENTO MUNICIPAL

UTILITY DISTRICT

By:

Its:

Dated:

MODESTO IRRIGATION DISTRICT

By:

Its:

Dated:

CITY OF ROSEVILLE

By:

Its:

Dated:

**RESOLUTION NO. \_\_\_\_\_**

**WHEREAS**, by Resolution No. 90-03-10, adopted March 15, 1990, this Board authorized the execution of the **Transmission Agency of Northern California (TANC) Project Agreement No. 3 (TANC PA3)** for the funding, construction, and operation of the **California Oregon Transmission Project (COTP)**, a 500 kV transmission line between the **COTP Southern Terminus** and **Captain Jack Substation**, which provides **SMUD**, and other members including **City of Palo Alto (Palo Alto)**, **City of Roseville (Roseville)**, **Modesto Irrigation District (MID)**, and **Turlock Irrigation District (TID)**, an ownership-like right to **TANC's** transfer capability in the north-to-south, south-to-north directions; and

**WHEREAS**, by Resolution No. 09-01-05 adopted January 15, 2009, SMUD entered into a **California Oregon Transmission Project Long-Term Layoff Agreement (Agreement)** on February 1, 2009, with **TANC** and certain of its members, namely, **Palo Alto**, **Roseville**, **MID**, and **TID** wherein **Palo Alto** and **Roseville** laid off their entitlement to **TANC's** transfer capability on the **COTP** associated with their participation percentages under **TANC PA 3** to **MID**, **TID**, and **SMUD** for a 15-year term of the **Agreement**; and

**WHEREAS**, as part of the **Agreement**, **SMUD** acquired from **TANC** an additional 35 MW of capacity in the north-to-south direction and 27 MW of capacity in the south-to-north transmission direction on the **COTP**; and

**WHEREAS**, by Resolution No. 14-04-08 adopted April 3, 2014, **SMUD** executed **Amendment No. 1** to the **Agreement**, which returned

**Roseville's COTP** interests, rights, and obligations from **MID, TID, and SMUD** back to **Roseville** and clarified **Palo Alto's** voting rights under **TANC PA3**; and

**WHEREAS**, pursuant to authorization under Resolution No. 14-04-08, **SMUD** executed **Amendment No. 2** to the **Agreement**, which provided that in the absence of a default by **MID, TID, and SMUD**, Debt Service for the 2016A Bonds and any extension thereof associated with **Palo Alto's** 3.6815 participation percentage in **TANC's** entitlement to transfer capability on the **COTP** would be paid by **MID, TID, and SMUD**; and

**WHEREAS**, staff recommends the execution of **Amendment No. 3** to the **Agreement** to extend the expiration date an additional 10 years to January 31, 2034, to ensure that all of **Palo Alto's** interests, rights and obligations associated with its participation percentage under **TANC PA3** continue to be laid off to **MID, TID, and SMUD** (with **SMUD** maintaining 22 MW north-to-south and 17 MW south-to-north of transfer capability on the **COTP**) for the extended term, to add an annual market payment to **Palo Alto** from **MID, TID, and SMUD**, and to extend the term of **Roseville's** layoff of its South-of-Tesla allocation originally described in Section 4 of the **Agreement**; **NOW, THEREFORE,**

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

**Section 1.** That the Chief Executive Officer and General Manager, or his delegate, is authorized, on behalf of **SMUD**, to execute **Amendment No. 3** to the **California Oregon Transmission Project Long-Term Layoff Agreement** dated effective February 1, 2009, with the **Transmission Agency of Northern California** and certain of its members, namely, the **City of**

**Palo Alto, the City of Roseville, Modesto Irrigation District, and Turlock Irrigation District**, substantially in the form of **Attachment \_\_\_\_**.

**Section 2.** The Chief Executive Officer and General Manager, or his delegate, 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.



# BOARD AGENDA ITEM

## STAFFING SUMMARY SHEET

 Committee Meeting & Date  
 Finance and Audit 1/16/2024

 Board Meeting Date  
 1/18/2024

TO				TO								
1.	Robert Adams	6.	Lora Anguay									
2.	Casey Fallon	7.	Scott Martin									
3.	Eric Poff	8.	Jose Bodipo-Memba									
4.	Frankie McDermott	9.	<b>Legal</b>									
5.	Jennifer Davidson	10.	<b>CEO &amp; General Manager</b>									
<b>Consent Calendar</b>		<input checked="" type="checkbox"/>	<b>Yes</b>	<b>No</b> <i>If no, schedule a dry run presentation.</i>		<b>Budgeted</b>		<input checked="" type="checkbox"/>	<b>Yes</b>	<b>No</b> <i>(If no, explain in Cost/Budgeted section.)</i>		
FROM (IPR) Jesse Mays				DEPARTMENT Procurement				MAIL STOP EA404	EXT. 5744	DATE SENT 12/26/2023		

**NARRATIVE:**

**Requested Action:** Authorize the Chief Executive Officer and General Manager to award contracts to Siemens Energy, Inc., ILJIN Electric USA, Inc., Mader Supply LLC, PTI Transformers LP, and WEG Transformers USA LLC to manufacture and provide Generation, Distribution and Transmission Power Transformers during the five-year period of February 1, 2024, to January 31, 2029, with one optional two-year extension for a total aggregate contract not-to-exceed amount of \$250,000,000.

**Summary:** Request for Proposals (RFP) No. Doc4093798372 was issued in July 2023 to solicit proposals to establish strategic alliance agreements with one or more power transformer suppliers for a five-year period with one optional two-year extension. The not-to-exceed aggregate amount includes funding to order 70 transformer units over the next five years. The optional two-year extension will account for project or manufacturing delays. Each of the 70 units fall into 19 different transformer types or sizes and will be used in one of three areas of our overall system including; distribution, transmission, or power generation. Due to the complexity across the broad category of “large power transformers,” proposers did not bid on all 70 units or all 19 types of transformers. This solicitation was aggregated to include all large power transformer needs forecasted by SMUD over the next five years to encourage participation from as many potential global manufacturing partners as possible with the intent to award multiple category specific contracts, and, in some cases, primary and secondary sources of supply to mitigate risk of supply disruption, delays, quality or other factors. A Pre-Proposal Conference was held on July 27, 2023, with 19 attendees. On October 23, 2023, SMUD received 11 proposals that were evaluated in accordance with the advertised criteria. Of the 11 proposals received, seven were responsive. SMUD initiated and continues to negotiate with the top ranked proposers. SMUD is requesting approval to award contracts to the highest ranked proposers upon successful completion of negotiations for a total aggregate contract not-to-exceed amount of \$250,000,000. The current result of the solicitation is shown below.

**Recommendation:** Award to Highest Evaluated Responsive Proposers

Award to:

<a href="#">Siemens Energy, Inc.</a>	<a href="#">ILJIN Electric USA, Inc.</a>	<a href="#">Mader Supply LLC</a>
<a href="#">8841 Wadford Dr.</a>	<a href="#">15915 Katy Freeway, Suite 215</a>	<a href="#">4708 Roseville Road Ste 101</a>
<a href="#">Raleigh, NC 27616</a>	<a href="#">Houston, TX 77094</a>	<a href="#">North Highlands, CA 95660</a>

<a href="#">PTI Transformers LP</a>	<a href="#">WEG Transformers USA LLC</a>
<a href="#">101 Rockman St</a>	<a href="#">6350 WEG Dr</a>
<a href="#">Winnipeg, MB. Canada R3T 0L7</a>	<a href="#">Washington, MO 63090</a>

Proposers Notified by Procurement: 95  
Proposers Downloaded: 19  
Pre-Proposal Conference Attendance: 19  
Proposals Received: 11

Responsive Proposals Received	P/F	10 Points SEED	50 Points Tech.	40 Points Pricing	Total Score	Over all Rank	Proposal Amount	*Evaluated Proposal Amount	Proposed Award Amount
Mader Supply LLC (Royal)	P	10	35.64	24.00	69.64	1	\$47,372,172	\$47,122,172	NTE \$250,000,000, Aggregate of all Task Authorizations
Mader Supply LLC (Howard)	P	10	36.82	14.15	60.97	2	\$103,266,330	\$103,016,330	
ILJIN Electric USA, Inc.	P	-	35.86	20.46	56.32	3	\$65,167,000	\$65,167,000	
Mader Supply LLC (Hyundai)	P	10	27.40	16.50	53.90	4	\$145,279,320	\$145,029,320	
Siemens Energy, Inc.	P	-	36.31	10.39	46.70	5	\$174,905,896	\$174,905,896	
PTI Transformers LP	P	-	26.75	17.30	44.05	6	\$79,897,000	\$79,897,000	
WEG Transformers USA LLC	P	-	29.66	9.26	38.92	7	\$198,162,153	\$198,162,153	

Non-Responsive Proposals Received	Proposal Amount	Comments
Fleming Electric Inc (Pralar USA, Inc.)	\$68,436,600	Proposal does not meet specification in regard to drying method.
Elsewedy Electric Inc.	\$110,756,900	Did not meet minimum manufacturing experience requirements
Mader Supply LLC (Elsewedy Electric Inc.)	\$115,025,176	Manufacture did not meet minimum manufacturing experience requirements
Pennsylvania Transformer Technology	\$34,233,786	Did not meet minimum requirements by providing ISO9001 certificate for factories manufacturing units proposed.

\*Evaluated Proposal Amount: While typically within a price range, the amounts here are significantly different because each Proposer responded on a different percentage of the bid schedule line items, representing a different number of units and type as well. Reiterating per the information above, this solicitation included 70 transformer units that fall into 19 different sizes or types that further organize into three business areas or components of our system: distribution, power generation, transmission.

**Supplier Diversity Program:**

Mader Supply LLC is a SEED-verified vendor who will be distributing transformers manufactured by Howard Transformers, Royal Transformers, and Hyundai Corporation.

**Board Policy:** Board-Staff Linkage BL-8, Delegation to the CEO with Respect to Procurement; Strategic Direction SD 4, Reliability  
(Number & Title)

**Benefits:** Award of these contracts will provide SMUD with multiple qualified vendors to provide power transformers to SMUD over the next five to seven years.

**Cost/Budgeted:** \$250,000,000; Budgeted for 2024 through 2031 by Energy Delivery & Operations.

**Alternatives:** Only award contracts to the highest ranked proposers of each line item. It is in SMUD's interest to have multiple suppliers for each line item to mitigate supply interruptions.

**Affected Parties:** Energy Delivery & Operations, Procurement, Warehouse & Fleet, and Contractor.

**Coordination:** Energy Delivery & Operations and Procurement, Warehouse & Fleet.

**Presenter:** Eric Poff, Director of Substation, Telecommunications & Metering Assets

**Additional Links:**

SUBJECT

**Award Power Transformer Contracts**

ITEM NO. (FOR LEGAL USE ONLY)

**7**

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

**RESOLUTION NO. \_\_\_\_\_**

**WHEREAS**, in July 2023, SMUD issued Request for Proposal No. Doc4093798372 (RFP) to solicit qualified firms to provide generation, distribution and transmission power transformers; and

**WHEREAS**, eleven 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, **Siemens Energy, Inc., ILJIN Electric USA, Inc., Mader Supply LLC, PTI Transformers LP, and WEG Transformers USA LLC** are hereby determined and declared to be the highest evaluated responsive proposers to provide generation, distribution and transmission power transformers.

**Section 2.** The Chief Executive Officer and General Manager, or his designee, is authorized, on behalf of SMUD, to award contracts to **Siemens Energy, Inc., ILJIN Electric USA, Inc., Mader Supply LLC, PTI Transformers LP, and WEG Transformers USA LLC** to provide generation, distribution and transmission power transformers for the five-year period of February 1, 2024, to January 31, 2029, with one optional two-year extension, for a total aggregate contract not-to-exceed amount of \$250,000,000.

**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

**DRAFT**

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



# BOARD AGENDA ITEM

## STAFFING SUMMARY SHEET

Committee Meeting & Date  
Finance & Audit – 01/16/24Board Meeting Date  
January 18, 2024

TO				TO			
1.	Casey Fallon	6.	Jose Bodipo-Memba				
2.	Maria Veloso Koenig	7.	Jennifer Davidson				
3.	Frankie McDermott	8.					
4.	Scott Martin	9.	<b>Legal</b>				
5.	Lora Anguay	10.	<b>CEO &amp; General Manager</b>				
<b>Consent Calendar</b>		<b>Budgeted</b>		<b>No</b>		<b>No</b>	
X Yes		X Yes		No		No	
				If no, schedule a dry run presentation.		If no, explain in Cost/Budgeted section.)	
FROM (IPR) Dejona Lopez		DEPARTMENT Procurement, Warehouse and Fleet		MAIL STOP EA404	EXT. 5331	DATE SENT 12/22/2023	

**NARRATIVE:**

**Requested Action:** Authorize the Chief Executive Officer and General Manager to negotiate and award a Sole Source contract to Siemens Industry, Inc. (“Siemens”) for the upgrade of their proprietary Energy Management System (“EMS”) for the term January 19, 2024, through December 31, 2026, for a total not-to-exceed amount of \$6,000,000.

**Summary:** The EMS is critical to the real-time operations of SMUD's transmission, generation, distribution, gas, scheduling, and commodity settlement systems. SMUD Transmission Planning and Operations is currently using the Siemens Spectrum Power 7, v2.2 EMS that was implemented in 2019. The EMS is also used to perform the Balancing Authority operations for the Balancing Authority of Northern California (BANC) and participation in the Energy Imbalance Market (EIM). The EMS was originally scheduled for an upgrade in 2026, but with projects coming online in support of the 2030 Zero Carbon Plan (ZCP), it is critical that the timeline for the EMS upgrade project be expedited. This will ensure the hardware, software and other third-party products are refreshed and the EMS that supports both SMUD’s and BANC’s grid management and operations are current on vendor supported products. As this software is proprietary, Siemens is the only vendor with the access required to upgrade the EMS.

**Recommendation:** Award a Sole Source contract to:

Siemens Industry, Inc.
10900 Wayzata Blvd., Ste. 400
Minnetonka, MN 55305

**Comments:**

This will be a non-standard contract that will be negotiated with and approved by SMUD Risk Management and Legal.

**Board Policy:** Board-Staff Linkage BL-8, Delegation to the CEO with Respect to Procurement; Strategic Direction SD-4, Reliability; Strategic Direction SD-7, Environmental Leadership

**Benefits:** The upgrade will provide minimized operational costs, new features and functionality to improve real-time monitoring and control of the grid and generation assets by Transmission Planning and Operations and will allow for a refresh of all hardware and third-party software before they are outdated and unsupported.

**Cost/Budgeted:** \$6,000,000; Budgeted for 2024-2026 by Transmission Planning and Operations.

**Alternatives:** Issue a competitive solicitation to replace the entire EMS. This alternative is cost and resource prohibitive, introduces unnecessary risk to operations, and would delay integrating ZCP requirements into the system.

**Affected Parties:** Transmission Planning and Operations, Procurement, Warehouse and Fleet, and Siemens.

**Coordination:** Transmission Planning & Operations and Procurement, Warehouse & Fleet.

**Presenter:** Maria Veloso Koenig, Interim Director, Transmission Planning & Operations

**Additional Links:**

SUBJECT

**Sole Source Contract with Siemens Industry, Inc. for EMS Upgrade**

ITEM NO. (FOR LEGAL USE ONLY)

**8**

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

**RESOLUTION NO. \_\_\_\_\_**

**WHEREAS**, the **Energy Management System (EMS)** is critical to the real-time operations of SMUD’s transmission, generation, distribution, gas scheduling, and commodity settlements system; and

**WHEREAS**, SMUD currently uses the **Siemens Spectrum Power 7, v2.2 EMS** that was implemented in 2019, which is also used to perform balancing authority operations for the **Balancing Authority of Northern California (BANC)** and participation in the **Energy Imbalance Market (EIM)**; and

**WHEREAS**, the timeline for the **EMS 2026** upgrade has been accelerated due to projects coming online in support of SMUD’s **2030 Zero Carbon Plan (ZCP)**; and

**WHEREAS**, the expedited upgrade will ensure the hardware, software, and other third-party products are refreshed and the **EMS** that supports both SMUD’s and **BANC’s** grid management and operations are current on vendor supported products; and

**WHEREAS**, the software is proprietary, and **Siemens** is the sole vendor with the access required to upgrade the **EMS**; and

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

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

**Section 1.** That the Chief Executive Officer and General Manager, or his designee, is authorized on behalf of SMUD to negotiate and execute a sole source contract with **Siemens Industry, Inc.** for the upgrade of their proprietary **Energy Management System (EMS)** for the term January 19, 2024, through December 31, 2026, for a total not-to-exceed amount of \$6,000,000.

**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.



SSS No. SCS 23-269

# BOARD AGENDA ITEM

## STAFFING SUMMARY SHEET

Committee Meeting & Date Finance & Audit – 01/16/2024
Board Meeting Date January 18, 2024

TO	TO
1. Robert Adams	6. Lora Anguay
2. Casey Fallon	7. Scott Martin
3. John Larsen	8. Jose Bodipo-Memba
4. Rob Lechner	9. <b>Legal</b>
5. Jennifer Davidson	10. <b>CEO &amp; General Manager</b>

Consent Calendar	X	Yes	No <i>(If no, schedule a dry run presentation.)</i>	Budgeted	X	Yes	No <i>(If no, explain in Cost/Budgeted section.)</i>
FROM (IPR) Jesse Mays			DEPARTMENT Supply Chain Services				MAIL STOP EA404      EXT. 5860      DATE SENT 12/26/2024

**NARRATIVE:**

**Requested Action:** Authorize the Chief Executive Officer and General Manager to award contracts to Arrow Construction (Arrow), Nyecon, Inc. (Nyecon), Roebbelen Contracting, Inc. (Roebbelen) and Sierra National Construction, Inc. (SNC) to provide General Building Construction and Support Services for a three-year term from January 22, 2024, to January 21, 2027, with three optional one-year extensions, for a total aggregate contract not-to-exceed amount of \$30 million.

**Summary:** Request for Proposals DOC4022189793 (RFP) was issued in July 2023 to solicit qualified firms to provide general building construction and support services in support of the Facilities Business Unit. The solicitation was issued with a provision to award multiple contracts for an approximate three-year period. The Contractors will furnish all supervision, labor, materials, equipment, and incidentals necessary to accomplish the work in accordance with the contract. This is a master task contract that will include a variety of project types. The work may include, but is not limited to tenant improvements projects, asphalt concrete and concrete parking repairs, installation of underground utilities and site work, electrical work, demolition, soil remediation, abatement of hazardous materials, structure repair and construction, heating, ventilation and air conditioning (HVAC) work, replacement of end-of-life equipment and systems, fencing, roofing, landscaping, and miscellaneous work in support of ongoing Facilities operations and design build tasks. A pre-proposal conference was held on July 27, 2023. On August 21, 2023, SMUD received four proposals that were evaluated in accordance with the advertised criteria. The rate schedule provided to the Contractors consisted of 11 items, but only two-line items were cost driven. SMUD pre-set the rates on items 3-11 but allowed Contractors to provide mark-up on the labor rates, items 1-2. SMUD initiated rate negotiations on those two-line items and as a result, two of the Contractors (Nyecon and SNC) lowered their mark-up compared to their current labor rates, and the other two Contractors (Arrow and Roebbelen) raised their rates. Staff determined rates to be fair and reasonable by comparing the Contractor’s proposed rates with existing contract rates. The result of the analysis determined that the proposed rates are within 5% of existing contracts. Furthermore, while the evaluated proposal amounts includes labor, subcontracting, materials, and equipment for the estimated volume of work over the term of the contracts, actual project work will be evaluated and awarded at the task or project level on a competitive basis driving further competition and cost savings to SMUD long term. The result of the evaluation and award recommendations are shown below.

**Recommendation:** Award to Highest Evaluated Responsive Proposers

Award to:

Arrow Construction	Nyecon, Inc.	Roebbelen Contracting, Inc.	Sierra National Construction, Inc.
1850 Diesel Drive	3780 Happy Lane, #A	1241 Hawk Flight Court	5433 El Camino Avenue, Suite 4
Sacramento, CA 95838	Sacramento, CA 95827	El Dorado Hills, CA 95762	Carmichael, CA 95608

Proposers Notified by Procurement: 43  
Proposers Downloaded: 9  
Pre-Proposal Conference Attendance: 19  
Proposals Received: 4

Responsive Proposals Received	P/F	<u>10 Points SEED</u>	<u>60 Points Technical</u>	<u>30 Points Pricing</u>	Total Score	Overall Rank	Proposal Amount	Evaluated Proposal Amount	Proposed Award Amount
Sierra National Construction, Inc.	P	10	59.70	28.27	97.97	1	\$31,532,000	\$31,282,000	NTE \$30,000,000, Aggregate of all Task Authorizations
Roebbelen Contracting, Inc.	P	10	55.67	27.23	92.90	2	\$32,732,000	\$32,482,000	
Nyecon, Inc.	P	10	50.50	30.00	90.50	3	\$29,732,000	\$29,482,000	
Arrow Construction	P	10	51.17	28.65	89.82	4	\$31,122,000	\$30,872,000	

Supplier Diversity Program:

SNC is the highest ranked Proposer who will be self-performing 50% of the work and subcontracting 50% to Supplier Education & Economic Development (SEED) verified vendors. Roebbelen the second highest ranked Proposer will be self-performing 56% of the work and subcontracting 44% to SEED-verified vendors. Nyecon is a SEED-verified vendor and was the third highest ranked proposer but also had the lowest rates. Arrow is also a SEED-verified vendor and, although they raised their rates to a more competitive range, were still the second lowest in overall cost.

**Board Policy:** Board-Staff Linkage BL-8, Delegation to the CEO with Respect to Procurement; Strategic Direction SD-6, Safety Leadership; Strategic Direction SD-13, Economic Development.  
*(Number & Title)*

**Benefits:** Awarding these contracts will provide the Facilities Department with operational continuity and a roster of qualified Contractors with varying skill sets to ensure proper maintenance for SMUD properties.

**Cost/Budgeted:** \$30,000,000; Budgeted for 2024 through 2030 by Facilities Security & Emergency Operations.

**Alternatives:** Award fewer contracts which would minimize coverage for SMUD properties which could have a potential effect on daily operations.

**Affected Parties:** Facilities Security & Emergency Operations, Procurement, Warehouse & Fleet, and Contractor.

**Coordination:** Facilities Security & Emergency Operations and Procurement, Warehouse & Fleet.

**Presenter:** Rob Lechner, Director, Facilities, Security & Emergency Operations

**Additional Links:**

SUBJECT	<b>Award General Building Construction and Support Contracts</b>	ITEM NO. (FOR LEGAL USE ONLY) <b>9</b>
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ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

**RESOLUTION NO. \_\_\_\_\_**

**WHEREAS**, in July 2023, SMUD issued Request for Proposal No. DOC4022189793 (RFP) to solicit qualified firms to provide general building construction and support services in support of the Facilities Business Unit; and

**WHEREAS**, four 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, **Arrow Construction, Nyecon, Inc., Roebbelen Contracting, Inc., and Sierra National Construction Inc.** are hereby determined and declared to be the highest evaluated responsive proposers to provide general building construction and support services.

**Section 2.** The Chief Executive Officer and General Manager, or his designee, is authorized, on behalf of SMUD, to award contracts to **Arrow Construction, Nyecon, Inc., Roebbelen Contracting, Inc., and Sierra National Construction Inc.** to provide general building construction and support services for the three-year period from January 22, 2024, to January 21, 2027, with three optional one-year extensions, for a total aggregate contract not-to-exceed amount of \$30,000,000.

**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

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