



AGENDA

BOARD OF DIRECTORS PLACER COUNTY WATER AGENCY

**Thursday, April 18, 2024
2:00 PM, Regular Meeting**

**Placer County Water Agency Business Center
American River Room
144 Ferguson Road
Auburn, California**

Members of the Board of Directors:
ROBERT DUGAN, District 4
Chairman of the Board

GRAY ALLEN, Vice Chair, District 1
PRIMO SANTINI, District 2

MIKE LEE, District 3
JOSHUA ALPINE, District 5

A. CALL TO ORDER:

1. Roll Call
2. Pledge of Allegiance
3. Announcements, introductions and recognitions
 - a. Consider adopting **Resolution 24-08 Honoring Director of Administrative Services Michael Willihnganz.**

B. PUBLIC COMMENT:

This is the time for any member of the public to address the Board of Directors on any matter not on the agenda that is within the subject matter jurisdiction of the Agency. Members of the public are requested to come to the podium and use the microphone. Comments shall be limited to five minutes per person, or such other time limit as may be imposed by the Chair, in order to enable the Board to complete its agenda within a reasonable period of time.

C. REPORTS BY DEPARTMENT HEADS

D. AGENDA CHANGES AND REVIEW

E. CONSENT CALENDAR:

All items listed under the consent calendar are considered to be routine and may be approved by one motion.

Action:

1. Consider approving a budget amendment for the proposed Annual Demand Study

Advanced Metering Infrastructure installation in the amount of \$310,000.

2. Consider approving payment of a premium for Workers' Compensation excess insurance in an amount not to exceed \$333,260 with the Municipal Insurance Cooperative, Joint Powers Authority.
3. Consider adopting **Resolution 24-__ Declaring Certain Agency Items to be Surplus Property and No Longer Necessary for Agency Use; and Authorizing Disposal or Sale Thereof.**

Information, Receive and File:

4. Budget transfers between Capital Projects within Agency Wide and Water Division.
5. Treasurer's Investment Report for month ended March 31, 2024.
6. Check Register 24-07 expenses disbursed.
7. Board of Directors' expenses for March 2024.

F. AGREEMENTS AND CONTRACTS:

Items listed below include award of bid proposals, new contracts, sole source contracts and agreements, amendments to existing construction contracts and professional services agreements, and various change orders, and may be approved by one motion or some combination thereof.

Action:

1. Consider approving the Agreement to Become a Party to the Amended Joint Powers Agreement Creating the California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority.
2. Consider approving General Services Agreement with Eaton Drilling Co., LLC, in an amount not to exceed \$280,198 for the Auburn Tunnel Pump Station 2, Pump 6 Replacement project.
3. Consider approving Amendment No. 1 to the General Services Agreement No. PS-2459281 with Global Diving and Salvage, Inc., in an additional amount not to exceed \$100,000 for the Middle Fork American River Project.
4. Consider approving water service application for Facilities Agreement 2851, Bickford Ranch Phase 1A Equestrian Center and Trail, Placer County, 1.0 Unit of Capacity.

G. WATER:

1. Receive report on Water Supply Update and consider a variance to Section 40405 Delivery Orifice Change of the Agency's Rules and Regulations.

H. POWER:

1. Receive report on North American Electric Reliability Corporation/Western Electricity Coordinating Council Annual Compliance for 2023.

I. ADMINISTRATION:

1. Receive report on the revised draft 2024 Strategic Plan.
2. Receive presentation on the Agency's federal priorities for 2024.

J. REMARKS/REPORTS BY DIRECTORS

In accordance with Government Code 54954.2(a), Directors may make brief announcements or brief reports on their own activities. They may ask questions for clarification, make a referral to staff or

take action to have staff place a matter of business on a future agenda.

K. REMARKS/REPORTS BY GENERAL COUNSEL

L. REMARKS/REPORTS BY GENERAL MANAGER

M. ADJOURNMENT

THE NEXT RESOLUTION NUMBER IS 24-08.

The meeting room is accessible to persons with disabilities. If you are hearing impaired, we have listening devices available upon request. If you require additional disability-related modifications or accommodations, including auxiliary aids or services, please contact the Clerk of the Board at (530) 823-4860. All requests must be received by the Clerk no later than 12:00 PM on the Monday preceding the meeting to enable the Agency to make reasonable arrangements to ensure accessibility to this meeting. Requests received after that time will be accommodated only if time permits.

In accordance with Government Code Section 54954.2 this notice and agenda were posted on the Agency's website at www.pcwa.net/board-of-directors/meeting-agendas and on the Agency's outdoor bulletin board at the Placer County Water Agency Business Center at 144 Ferguson Road, Auburn, California, on or before April 12, 2024.

Any writing that is a public record under the Public Records Act that relates to an agenda item for an open session of the Board meeting that is distributed less than 72 hours prior to the meeting will be made available for public inspection at the time the writing is distributed to any Board members. Also, any such writing will be available for public inspection at the Agency's office located at 144 Ferguson Road, Auburn, California, during normal business hours. Contracts that are on the agenda are on file with the Clerk to the Board and available for review upon request.

Schedule of Upcoming Board Meetings

Thursday, May 2, 2024, 2:00 p.m. – Regular Board of Directors' meeting at Placer County Water Agency Business Center, 144 Ferguson Road, Auburn, California.

Thursday, May 16, 2024, 2:00 p.m. – Regular Board of Directors' meeting at Placer County Water Agency Business Center, 144 Ferguson Road, Auburn, California.

M E M O R A N D U M

TO: Board of Directors

FROM: Andy Fecko, General Manager

DATE: February 29, 2024

RE: Resolution Honoring Michael Willihnganz, Director of Administrative Services

RECOMMENDATION:

Adopt Resolution 24-08 Honoring Director of Administrative Services Michael Willihnganz.

BACKGROUND:

Michael Willihnganz will retire from PCWA on May 17, 2024, following a career with the Agency which has spanned more than a decade. The attached Board resolution recognizes and honors his service and congratulates him on his retirement.

ATTACHMENTS:

Description	Upload Date	Type
Resolution	4/8/2024	Resolution

**RESOLUTION 24-08 OF THE BOARD OF DIRECTORS OF THE
PLACER COUNTY WATER AGENCY
HONORING DIRECTOR OF ADMINISTRATIVE SERVICES MICHAEL WILLIHNGANZ**

WHEREAS, Michael Willihnganz faithfully, effectively, and successfully served as Director of Administrative Services for Placer County Water Agency (PCWA) from June 27, 2011, through May 16, 2024, overseeing operational programs and services to select, support, and develop a workforce that proudly serves the people of Placer County; and

WHEREAS, Mr. Willihnganz has demonstrated the utmost professionalism, dedication, and passion in leading PCWA's Administrative Services Department, mentoring and inspiring staff, developing collaborative multi-departmental groups that enhance operational efficiencies, and making a positive imprint on the culture of PCWA; and

WHEREAS, Mr. Willihnganz is well known for his wise counsel, sound judgment, and exceptional dedication to the Board, management team, and staff of PCWA; and

WHEREAS, Mr. Willihnganz successfully negotiated multiple labor agreements, fostering positive relationships with the Local 39 labor union, and promoting a collaborative working environment; and

WHEREAS, among his many noteworthy achievements, Mr. Willihnganz led efforts to revise and update the Agency's personnel rules and completed several compliance projects demonstrating his commitment to upholding ethical standards and regulatory requirements; and

WHEREAS, Mr. Willihnganz's steadfast and visionary leadership was instrumental in the development of an enhanced version of organizational effectiveness training, titled "Building Blocks", which is attended by all Agency staff early in their tenure to enhance organizational effectiveness and foster a positive workplace culture; and

WHEREAS, under Mr. Willihnganz's direction, guidance, and dedication to organizational excellence, the Administrative Services department implemented self-service functionality for electronic processing of tax and payroll documents, streamlining administrative processes, and enhancing user experience for employees; and

WHEREAS, in the spirit of public service, Mr. Willihnganz strategically crafted job specifications, compensation, and organizational alignment to match the evolving industry standards and organizational needs, ensuring clarity and consistency in job roles and responsibilities; and

WHEREAS, Mr. Willihnganz diligently provided guidance during the challenging times of the COVID-19 pandemic, implementing robust protocols to safeguard the health and well-being of Agency staff while maintaining essential services; and

WHEREAS, in addition to his Director duties, Mr. Willihnganz has continued to be an active leader in the human resources field, presenting at various human resources events that include the California Public Employers Labor Relations Association, the Western Region Intergovernmental Personnel Assessment Council, and the Public Sector HR Association.

BE IT RESOLVED that the Placer County Water Agency Board of Directors hereby recognizes and honors Michael Willihnganz and congratulates him for his meritorious service to the people of Placer County.

This resolution was duly adopted at a meeting of the Board of Directors of the Placer County Water Agency held on April 18, 2024, by the following vote on roll call:

AYES:

NOES:

ABSTAINED:

ABSENT:

Signed and approved after its adoption this 18th day of April, 2024.

Robert Dugan, Chair of the Board
Placer County Water Agency

ATTEST:

Lori Young, Clerk to the Board
Placer County Water Agency

M E M O R A N D U M

TO: Board of Directors

FROM: Matt Young, Director of Customer Services
Linda Higgins, Deputy Director of Customer Services

DATE: March 22, 2024

RE: Annual Demand Study AMI Installation

RECOMMENDATION:

Approve a budget amendment for the proposed Annual Demand Study Advanced Metering Infrastructure (AMI) installation in the amount of \$310,000.

BACKGROUND:

There are 2,401 Annual Demand Study meters in designated neighborhoods throughout the PCWA service area where annual water use data is collected for residential peak day demand analysis. Staff uses hourly data to analyze customers to (1) determine Maximum Day Demands which are used to set and review water connection charges based on lot size, and (2) to analyze hourly consumption patterns. Currently, hourly data is collected by Water Efficiency staff during multiple field visits through a manual datalogging process.

DISCUSSION:

The existing rate funded meter replacement project is being expanded to include AMI installation on all Annual Demand Study area meters to help collect continuous hourly water use data. This will help maintain optimal performance and accuracy within the study area. The requested funding will be used to retrofit all Annual Demand Study meters with AMI, including the purchase and installation of AMI devices to be installed on existing meters, where no meter replacement is required.

FISCAL IMPACT:

Project-to-Date Budget (Water Division, Rates Projects)	\$ 521,806
Additional Funding Request (Water Division, Water Connection Charge Account)	310,000
Subtotal Budget	<hr/> 831,806
Less Project-to-Date Expenses and Encumbrances	<hr/> 0
Available in Project Budget (current)	<hr/> 831,806
Less Proposed Action	<hr/> 0
Total Available in Project Budget (proposed)	<hr/> <hr/> \$ 831,806

Existing funding for this project comes from the Water Division, Rates Project - Treated Water Transmission & Distribution. Upon approval of the requested budget amendment of \$310,000 from the Water Division - Water Connection Charge account, there are sufficient funds within the project budget to cover anticipated project costs.

M E M O R A N D U M

TO: Board of Directors

FROM: Michael A. Willihnganz, Director of Administrative Services

DATE: April 1, 2024

RE: Workers' Compensation Excess Insurance Renewal

RECOMMENDATION:

Approve payment of a premium for Workers' Compensation excess insurance in an amount not to exceed \$333,260 with the Municipal Insurance Cooperative (MIC), Joint Powers Authority (JPA).

BACKGROUND:

The Agency is licensed through the State of California to self-insure its Workers' Compensation Program for on-the-job injuries and illnesses. The self-insured retention limit for each loss event is currently \$150,000, with excess layers of insurance covering losses above this amount. Workers' Compensation excess insurance is purchased through the Agency's participation in the MIC JPA. To date, the Agency has not had a Workers' Compensation loss reach the self-insured limit. Because of this, the retention limit was increased in 2023 from \$100,000 to \$150,000. This change has resulted in a slight savings in the premium for excess insurance coverage.

DISCUSSION:

Workers' Compensation excess insurance acquired through the MIC JPA is due for renewal on July 1, 2024. The coverage period is July 1, 2024 through June 30, 2025. The renewal rate for the excess insurance is an amount not to exceed \$333,260. This reflects an increase of approximately 5% over the insurance costs for the 2023/2024 coverage year, primarily due to an increase in the Agency's payroll.

FISCAL IMPACT:

Funding for the Workers' Compensation excess layers of insurance comes from the Agency Wide Budget within the Department of Administrative Services. The Water and Power Divisions receive a share of the costs through Service Level Support in the Cost Allocation Plan.

M E M O R A N D U M

TO: Board of Directors

FROM: Joseph H. Parker, CPA, Director of Financial Services

DATE: April 4, 2024

RE: Declaration of Surplus Vehicle and Heavy Equipment

RECOMMENDATION:

Adopt Resolution 24-__ Declaring Certain Agency Items to be Surplus Property and No Longer Necessary for Agency Use; and Authorizing Disposal or Sale Thereof.

BACKGROUND:

Periodically, Agency staff assesses personal property which includes supplies, materials, equipment, vehicles, and other tangible items (excluding real property) for those items that have become obsolete, broken, or surplus, and are no longer necessary for the Agency's operation. Departments notify Financial Services by providing a list of items that are no longer needed. Financial Services then deems these items as surplus Agency Personal Property and are hereby presented to the Board in the attached list.

Prior to any Agency personal property disposal, the Board of Directors shall make a declaration, by resolution, that the items are no longer necessary for Agency use. Once declared surplus to the Agency's needs, the Purchasing Agent is authorized to dispose of the surplus items in accordance with the Board approved Surplus Personal Property Policy.

DISCUSSION:

In coordination with the departmental staff, the Purchasing Agent has determined the item(s) in the attached listing are no longer needed in the Agency's operations. Pursuant to the Agency's Policy, Chapter 3, Article 8, Section 3124, the listings of materials, equipment, and vehicles, are provided to the Board for consideration and

declaration as “surplus” to the Agency’s needs.

FISCAL IMPACT:

The proceeds of any sales or recycling activities shall be paid into the Agency treasury for the Agency’s general use, unless otherwise required to be deposited into a specific fund or account. As stated in the Agency policy, all surplus sales are final and “as is” and “where is” with no warranties expressed or implied and no guarantee as to service ability or usability.

ATTACHMENTS:

Description	Upload Date	Type
Surplus Property Resolution	4/4/2024	Backup Material
04182024 Surplus Vehicle & Equipment Report	4/4/2024	Backup Material

**RESOLUTION NO. 24-_____ DECLARING CERTAIN AGENCY ITEMS TO BE
SURPLUS PROPERTY AND NO LONGER NECESSARY FOR AGENCY USE; AND
AUTHORIZING DISPOSAL OR SALE THEREOF**

BE IT RESOLVED by the Board of Directors of the Placer County Water Agency herein finds and declares that the items on the attached listing are surplus property and are no longer necessary for Agency use. Therefore, in accordance with the Agency's Surplus Personal Property Policy, the Purchasing Agent shall dispose of property in the most economically beneficial manner (greatest revenue/lowest cost) to the Agency.

The foregoing resolution was duly passed at a regular meeting of the Board of Directors of the Placer County Water Agency held on April 18, 2024, by the following vote on roll call:

AYES DIRECTORS:

NOES DIRECTORS:

ABSENT DIRECTORS:

Signed and approved by me after its passage this 18th day of April, 2024.

Chair, Board of Directors
PLACER COUNTY WATER AGENCY

ATTEST:

Clerk, Board of Directors

Item	Item(s) Description						
	Vehicle	EQ ID	Make	Model	License # / Serial #	VIN	Mileage/Hrs
	2007 FORD F-250	07-35	FORD	F-250 4x4	1252904	1FDNF21537EA58266	102,605
	Large Equipment	EQ ID	Make	Model	License # / Serial #	VIN	Mileage/Hrs
	2008 JOHN DEERE FRONT END LOADER	E-90	JOHN DEERE	344J	N/A	LU344JX823074	1,017

M E M O R A N D U M

TO: Board of Directors

FROM: Joseph H. Parker, CPA, Director of Financial Services

DATE: April 1, 2024

RE: Project to Project Budget Transfer Notification

RECOMMENDATION:

No action requested.

BACKGROUND:

Notification of Capital Project budget transfers within Agency Wide and Water Division. This budget notification is informational, receive and file as there is no increase to Agency Wide or Water Division budgets.

FISCAL IMPACT:

None.

ATTACHMENTS:

Description	Upload Date	Type
Budget Transfer Notification	4/10/2024	Backup Material

**Placer County Water Agency
Budget Transfers**

**To: The Board of Directors
Action: Notification**

Budget Year: 2024

Funding Source	CIP Category	Transfer from	Amount	CIP Category	Transfer to	Amount	Reason for Transfer
Agency Wide							
AW Reserves	AW IMP	IT/Energy Marketing Roof Repair (24006A)	\$ 95,000	AW IMP	Sierra Center Improvement Project (24023A)	\$ 95,000	To fund a new project from category level funds.
AW Reserves	AW IMP	Agency Wide Facility Improvements (23022A)	25,000	AW IMP	HVAC Maintenance - General Managers Department (24026A)	25,000	To fund a new project from category level funds.
			\$ 120,000				\$ 120,000
Water Division							
Rates	RWT&D	CIP RWT&D R&R (18034W)	\$ 75,000	TW Storage	Applegate Tank Replacement (23014W)	\$ 75,000	To provide sufficient funds to cover anticipated project costs.
Rates	RWE	Raw Water Efficiency (24019W)	7,500	RWE	YB-79 Telemetry Project (24020W) YB-95/YB-56A Telemetry Project (24021W)	2,500 5,000	To fund new projects from category level funds.
Rates	RWCIP	Field Services RWCIP (19001W)	10,000	RWCIP	Ben Franklin Reservoir Phase 2 (24028W)	10,000	To fund a new project from category level funds.
Rates	RWCIP	Field Services RWCIP (19001W)	40,000	RWCIP	Boardman Canal @ Hoyer Lane Improvement Project (24029W)	40,000	To fund a new project from category level funds.
Rates	TWT&D	CIP TWT&D R&R (18033W)	30,000	Treatment	Sunset WTP Flocculation Basin Rehabilitation (24013W)	30,000	To provide sufficient funds to cover anticipated project costs.
			\$ 162,500				\$ 162,500

CIP Category:

AW IMP Agency Wide Facility Improvements
RWCIP Field Services Raw Water CIP
RWE Raw Water Efficiency
RWT&D Raw Water Transmission & Distribution
Treatment Treatment
TW Storage Treated Water Storage
TWT&D Treated Water Transmission & Distribution

These transfers have been authorized by:

Director of Field Services
 Director of Technical Services
 Director of Financial Services

M E M O R A N D U M

TO: Board of Directors

FROM: Joseph H. Parker, CPA, Director of Financial Services

DATE: April 2, 2024

RE: Treasurer's Investment Report for month ended March 31, 2024

RECOMMENDATION:

Receive and file Treasurer's Investment Report for month ended March 31, 2024.

ATTACHMENTS:

Description	Upload Date	Type
Treasurer's Investment Report March 31, 2024	4/4/2024	Backup Material



Office of
Joseph H. Parker, CPA
Director of Financial Services / Treasurer
Placer County Water Agency

Placer County Water Agency

Treasurer's Investment Report March 31, 2024

144 Ferguson Road • Auburn, California 95604
Telephone: (530) 823-4875

Treasurer's Discussion
Placer County Water Agency Treasurer's Report
March 31, 2024

This Treasurer's Report includes three sections: 1. Portfolio Summary, 2. Portfolio Details – Investments, and 3. Activity by Type for the prior month.

For the purpose of clarification, the following definitions of investment terms are provided:

Book Value is the purchase price of a security plus amortization of any premium or discount. This may be more or less than face value depending upon whether the security was purchased at a premium or at a discount.

Par (Face) Value is the principal amount of a security and the amount of principal that will be paid at maturity.

Market Value is the value at which a security can be sold at the time it is priced including accrued interest. Individual securities market prices are obtained from US Bank, (safekeeper, third party custodian and fiscal agent). Market values are only relevant if the investment is sold prior to maturity. A gain or loss would be realized only if the specific investment were to be sold. It is the Agency's practice to hold to maturity.

The investments held in the portfolio are in accordance with the Investment Policy of Placer County Water Agency and California Government Code.

The weighted average maturity of the investments in the portfolio is 625.

The ability of Placer County Water Agency to meet cash flows is demonstrated by over \$55,300,000 in liquid cash and investments, primarily from amounts in the County and State investment funds and securities maturing in the next 180 days.



PCWA
Portfolio Management
Portfolio Summary
March 31, 2024

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Mat./Call	YTM/C 360 Equiv.	YTM/C 365 Equiv.
Local Agency Investment Funds	42,640,588.71	42,365,264.01	42,640,588.71	14.83	1	1	4.066	4.122
Placer County Treasury	4,402,521.03	4,402,521.03	4,402,521.03	1.53	1	1	3.399	3.446
Checking Accounts	6,668,887.29	6,668,887.29	6,668,887.29	2.32	1	1	0.000	0.000
Money Market	1,606,091.37	1,606,091.37	1,606,091.37	0.56	1	1	0.000	0.000
Medium Term Notes	23,500,000.00	22,910,870.00	23,120,148.06	8.04	1,489	1,125	4.044	4.100
Federal Agency Coupon Securities	109,500,000.00	108,304,405.00	109,547,552.09	38.09	1,266	745	3.704	3.755
Treasury Coupon Securities	76,000,000.00	72,715,255.00	74,957,333.01	26.06	1,351	739	2.527	2.562
Pass Through Securities (GNMA/CMO)	6,000,000.00	5,970,480.00	5,960,156.25	2.07	1,651	1,395	5.174	5.246
Municipal Bonds	15,000,000.00	14,542,660.00	14,577,358.00	5.07	1,503	581	3.821	3.874
Cash with Fiscal Agent	4,103,233.20	4,103,233.20	4,103,233.20	1.43	1	1	0.000	0.000
	289,421,321.60	283,589,666.90	287,583,869.01	100.00%	1,065	625	3.350	3.397
Investments								
Cash and Accrued Interest								
Accrued Interest at Purchase *		0.00	0.00					
Ending Accrued Interest		2,329,190.30	2,329,190.30					
Subtotal		2,329,190.30	2,329,190.30					
	289,421,321.60	285,918,857.20	289,913,059.31		1,065	625	3.350	3.397
Total Cash and Investments Value								

Total Earnings	March 31	Month Ending
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Current Year	827,983.09
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* 137,804.37 Accrued at Purchase is Included in Book Value.

Average Daily Balance	286,068,223.98
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Effective Rate of Return	3.41%
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The investments held in portfolio are in accordance with the Investment Policy of PCWA.

Apr 4, 2024

Joseph H. Parker, Director of Financial Services

Reporting period 03/01/2024-03/31/2024

Run Date: 04/02/2024 - 07:51

No fiscal year history available

Portfolio PCWA
AC
PM (PRF_PM1) 7.3.0
Report Ver. 7.3.6.1

PCWA
Portfolio Management
Portfolio Details - Investments
March 31, 2024

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CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	Term	Days to Mat./Call	YTM/C 360	Maturity Date
Local Agency Investment Funds												
90-31-006	10054	Local Agency Investment Fund			42,640,588.71	42,365,264.01	42,640,588.71	4.122	1	1	4.066	
		Subtotal and Average	42,640,588.71		42,640,588.71	42,365,264.01	42,640,588.71		1	1	4.066	
Placer County Treasury												
PL CO POOL	10503	Placer County Treasury			4,402,521.03	4,402,521.03	4,402,521.03	3.446	1	1	3.399	
		Subtotal and Average	4,402,521.03		4,402,521.03	4,402,521.03	4,402,521.03		1	1	3.399	
Checking Accounts												
OPERATING ACCT	10164	Union Bank			0.00	0.00	0.00	0.010	1	1	0.010	
USB GEN ACCT	10761	US Bank			0.00	0.00	0.00		1	1	0.000	
USB FLEX 125 PL	10763	US Bank		01/01/2022	100,852.81	100,852.81	100,852.81		1	1	0.000	
USB WORKCOMP	10781	US Bank		01/01/2022	21,171.30	21,171.30	21,171.30		1	1	0.000	
USB PCWA	10862	US Bank		02/28/2022	6,546,863.18	6,546,863.18	6,546,863.18		1	1	0.000	
		Subtotal and Average	5,037,573.90		6,668,887.29	6,668,887.29	6,668,887.29		1	1	0.000	
Money Market												
MONEY MARKET	10850	US Bank Money Market			1,606,091.37	1,606,091.37	1,606,091.37		1	1	0.000	
		Subtotal and Average	1,921,971.73		1,606,091.37	1,606,091.37	1,606,091.37		1	1	0.000	
Medium Term Notes												
037833DK3	10887	APPLE INC		11/23/2022	2,500,000.00	2,375,150.00	2,391,348.46	3.000	1,816	1,229	4.289	11/13/2027
023135CP9	10915	Amazon.Com Inc.		06/15/2023	1,000,000.00	999,470.00	1,000,016.44	4.550	1,630	1,339	4.487	12/01/2027
023135BX3	10933PF	Amazon.Com Inc.		07/27/2023	2,000,000.00	1,846,860.00	1,849,889.91	1.000	1,020	741	4.772	05/12/2026
06051GKM0	10923PF	Bank of America Corp		07/19/2023	2,000,000.00	1,956,140.00	1,943,787.19	3.384	988	731	4.830	04/02/2026
17325FBB3	10945	CITIBANK NA		11/21/2023	2,000,000.00	2,070,340.00	2,020,641.53	5.803	1,774	1,642	5.457	09/29/2028
4581XOEKO	10924PF	Inter Amer Devel Bk		07/19/2023	2,000,000.00	1,991,800.00	2,000,548.94	4.500	1,031	774	4.426	05/15/2026
4581XOEN4	10948	Inter Amer Devel Bk		02/29/2024	5,000,000.00	4,952,000.00	4,954,399.63	4.125	1,813	1,781	4.419	02/15/2029
45950KCT5	10840	INTL BK RECON & DEVELOP		06/17/2021	3,000,000.00	2,830,230.00	2,990,194.35	0.375	1,490	471	0.623	07/16/2025
459058KJ1	10869	INTL BK RECON & DEVELOP		08/01/2022	2,000,000.00	1,919,520.00	2,009,921.51	3.125	1,779	1,170	2.917	06/15/2027
46647PCZ7	10919PF	JP Morgan Chase & CO		07/13/2023	2,000,000.00	1,969,360.00	1,959,400.10	4.080	1,018	755	5.629	04/26/2026
		Subtotal and Average	23,128,992.20		23,500,000.00	22,910,870.00	23,120,148.06		1,489	1,125	4.044	
Federal Agency Coupon Securities												
3133ENNS5	10864	Federal Farm Credit Bank		03/11/2022	3,000,000.00	2,785,680.00	2,982,996.85	1.800	1,803	1,051	1.980	02/16/2027
3133ENP95	10871	Federal Farm Credit Bank		09/30/2022	3,000,000.00	2,973,600.00	2,989,444.58	4.250	1,096	547	4.442	09/30/2025

Portfolio PCWA
AC
PM (PRF_PM2) 7.3.0

Run Date: 04/02/2024 - 07:51

Regular Meeting - April 18, 2024

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Report Ver. 7.3.6.1

PCWA
Portfolio Management
Portfolio Details - Investments
March 31, 2024

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CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	Term	Days to Mat./Call	YTM/C 360	Maturity Date
Federal Agency Coupon Securities												
3133ENZ37	10874	Federal Farm Credit Bank		11/17/2022	5,000,000.00	4,988,250.00	5,012,903.30	4.875	785	284	4.462	01/10/2025
3133ENZ94	10900	Federal Farm Credit Bank		11/23/2022	5,000,000.00	4,977,750.00	4,993,555.10	4.500	726	231	4.651	11/18/2024
3133EN6A3	10904	Federal Farm Credit Bank		01/18/2023	3,000,000.00	2,961,210.00	3,004,998.64	4.000	1,091	652	3.846	01/13/2026
3133EPHH1	10910	Federal Farm Credit Bank		05/01/2023	3,000,000.00	2,959,770.00	3,007,033.04	4.000	1,093	757	3.826	04/28/2026
3133EPGW9	10911	Federal Farm Credit Bank		05/01/2023	3,000,000.00	2,946,390.00	3,024,432.64	3.875	1,821	1,485	3.826	04/25/2028
3133EPMU6	10914	Federal Farm Credit Bank		06/20/2023	3,000,000.00	2,975,910.00	2,996,210.96	4.250	1,091	805	4.252	06/15/2026
3133EPNV3	10917PF	Federal Farm Credit Bank		07/13/2023	3,000,000.00	2,980,800.00	2,981,741.67	4.375	991	728	4.641	03/30/2026
3133EPQC2	10925PF	Federal Farm Credit Bank		07/19/2023	3,000,000.00	2,995,260.00	3,010,275.19	4.625	1,094	837	4.403	07/17/2026
3133EPQN8	10929PF	Federal Farm Credit Bank		07/21/2023	3,000,000.00	2,992,380.00	2,995,975.63	4.750	731	476	4.792	07/21/2025
3133EPPR0	10931PF	Federal Farm Credit Bank		07/27/2023	3,000,000.00	2,995,500.00	2,993,841.34	4.625	988	739	4.562	04/10/2026
3133EPUW3	10939	Federal Farm Credit Bank		09/08/2023	5,000,000.00	5,015,800.00	4,999,513.51	4.750	1,089	883	4.689	09/01/2026
3133EPUN3	10940	Federal Farm Credit Bank		09/08/2023	5,000,000.00	5,039,000.00	5,010,328.80	4.500	1,816	1,610	4.386	08/28/2028
3133EPYM1	10941	Federal Farm Credit Bank		11/09/2023	3,000,000.00	3,028,050.00	3,014,842.70	4.750	1,434	1,290	4.637	10/13/2027
3133EPA47	10942	Federal Farm Credit Bank		11/09/2023	3,500,000.00	3,585,225.00	3,545,653.97	4.875	1,819	1,675	4.517	11/01/2028
3133EPC45	10946	Federal Farm Credit Bank		11/30/2023	3,000,000.00	3,042,480.00	3,025,427.85	4.625	1,810	1,687	4.410	11/13/2028
3133EPN50	10947	Federal Farm Credit Bank		12/15/2023	4,000,000.00	3,994,560.00	3,993,525.16	4.250	1,827	1,719	4.230	12/15/2028
3130A1XJ2	10801	Federal Home Loan Bank		07/01/2019	3,000,000.00	2,985,570.00	3,005,905.51	2.875	1,810	74	1.829	06/14/2024
3130A2UW4	10806	Federal Home Loan Bank		09/30/2019	3,000,000.00	2,967,840.00	3,015,707.91	2.875	1,810	165	1.635	09/13/2024
3130AQF65	10857	Federal Home Loan Bank		12/22/2021	3,000,000.00	2,753,970.00	2,996,453.70	1.250	1,825	994	1.277	12/21/2026
3130ATVC8	10902	Federal Home Loan Bank		12/09/2022	3,000,000.00	2,996,190.00	3,001,346.15	4.875	553	74	4.572	06/14/2024
3130ATVD6	10905	Federal Home Loan Bank		01/19/2023	3,000,000.00	2,993,790.00	3,004,450.91	4.875	603	165	4.466	09/13/2024
3130AUU36	10906	Federal Home Loan Bank		03/10/2023	2,000,000.00	1,980,080.00	1,974,136.84	4.125	1,099	711	4.776	03/13/2026
3130ATST5	10913	Federal Home Loan Bank		05/22/2023	5,000,000.00	4,968,800.00	5,005,249.88	4.375	753	438	4.222	06/13/2025
3130AWBY5	10916PF	Federal Home Loan Bank		07/13/2023	3,000,000.00	2,994,210.00	2,991,660.52	4.750	701	438	4.923	06/13/2025
3130AWGR5	10920PF	Federal Home Loan Bank		07/13/2023	3,000,000.00	2,985,750.00	2,982,898.11	4.375	1,065	802	4.591	06/12/2026
3130AUZC1	10934PF	Federal Home Loan Bank		07/27/2023	3,000,000.00	2,986,590.00	2,985,560.69	4.625	596	347	3.414	03/14/2025
3130AXU63	10943	Federal Home Loan Bank		11/21/2023	3,000,000.00	3,007,710.00	2,992,811.39	4.625	1,092	960	4.680	11/17/2026
3137EAEPO	10811	Federal Home Loan Mortgage Cor		02/28/2020	3,000,000.00	2,907,330.00	3,005,628.86	1.500	1,811	317	1.258	02/12/2025
3137EAEEX3	10828	Federal Home Loan Mortgage Cor		10/01/2020	3,000,000.00	2,810,100.00	2,998,028.16	0.375	1,818	540	0.414	09/23/2025
3135G03U5	10821	Federal National Mtg Assn		06/11/2020	3,000,000.00	2,864,430.00	3,002,598.02	0.625	1,776	386	0.534	04/22/2025
3135G03U5	10822	Federal National Mtg Assn		06/01/2020	3,000,000.00	2,864,430.00	3,002,414.51	0.625	1,786	386	0.540	04/22/2025
Subtotal and Average			111,073,891.05		109,500,000.00	108,304,405.00	109,547,552.09		1,266	745	3.704	
Treasury Coupon Securities												
91282CBQ3	10834	U.S. Treasury		06/17/2021	3,000,000.00	2,772,780.00	2,986,756.24	0.500	1,717	698	0.725	02/28/2026
91282CCF6	10835	U.S. Treasury		06/17/2021	3,000,000.00	2,763,870.00	2,997,799.42	0.750	1,809	790	0.774	05/31/2026

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CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	Term	Days to Mat./Call	YTM/C 360	Maturity Date
Treasury Coupon Securities												
91282CAZ4	10841	U.S. Treasury		08/27/2021	3,000,000.00	2,791,050.00	2,983,057.52	0.375	1,556	608	0.710	11/30/2025
91282CCP4	10843	U.S. Treasury		08/27/2021	3,000,000.00	2,741,730.00	2,986,862.04	0.625	1,799	851	0.806	07/31/2026
91282CCT6	10851	U.S. Treasury		09/10/2021	3,000,000.00	2,945,340.00	2,999,493.58	0.375	1,070	136	0.415	08/15/2024
91282CDB4	10852	U.S. Treasury		10/22/2021	3,500,000.00	3,415,160.00	3,498,590.25	0.625	1,089	197	0.691	10/15/2024
91282CDH1	10853	U.S. Treasury		11/15/2021	4,500,000.00	4,377,870.00	4,500,767.92	0.750	1,096	228	0.712	11/15/2024
9128283P3	10854	U.S. Treasury		11/15/2021	4,500,000.00	4,405,005.00	4,550,399.35	2.250	1,142	274	0.726	12/31/2024
91282CCZ2	10856	U.S. Treasury		12/23/2021	3,000,000.00	2,745,600.00	2,973,864.10	0.875	1,742	912	1.218	09/30/2026
912828ZW3	10858	U.S. Treasury		01/12/2022	3,000,000.00	2,832,180.00	2,960,041.38	0.250	1,265	455	1.328	06/30/2025
912828Z52	10859	U.S. Treasury		01/13/2022	3,000,000.00	2,909,070.00	3,002,919.69	1.375	1,114	305	1.239	01/31/2025
91282CEN7	10866	U.S. Treasury		05/04/2022	2,000,000.00	1,904,540.00	1,985,685.89	2.750	1,822	1,124	2.961	04/30/2027
9128286S4	10868	U.S. Treasury		05/04/2022	2,000,000.00	1,911,400.00	1,975,784.74	2.375	1,457	759	2.956	04/30/2026
912828WJ5	10878	U.S. Treasury		11/23/2022	5,000,000.00	4,982,650.00	4,987,069.52	2.500	539	44	4.679	05/15/2024
91282CDG3	10882	U.S. Treasury		11/23/2022	5,000,000.00	4,592,200.00	4,643,424.03	1.125	1,438	943	4.091	10/31/2026
9128282R0	10886	U.S. Treasury		11/23/2022	2,500,000.00	2,334,275.00	2,365,089.13	2.250	1,726	1,231	3.967	08/15/2027
91282CGA3	10903	U.S. Treasury		01/03/2023	6,000,000.00	5,926,200.00	5,983,866.43	4.000	1,077	623	4.111	12/15/2025
91282CGE5	10932PF	U.S. Treasury		07/27/2023	5,000,000.00	4,928,500.00	4,928,706.40	3.875	903	654	4.664	01/15/2026
91282CDW8	10949	U.S. Treasury		02/02/2024	4,500,000.00	4,013,775.00	4,090,665.50	1.750	1,825	1,766	3.785	01/31/2029
91282CJF9	10951	U.S. Treasury		03/08/2024	5,500,000.00	5,638,160.00	5,759,808.24	4.875	1,698	1,674	4.354	10/31/2028
91282CDW8	10952	U.S. Treasury		03/08/2024	2,000,000.00	1,783,900.00	1,796,681.64	1.750	1,790	1,766	4.079	01/31/2029
Subtotal and Average			73,233,031.50		76,000,000.00	72,715,255.00	74,957,333.01		1,351	739	2.527	
Pass Through Securities (GNMA/CMO)												
05522RDF2	10928PF	Bank of America CC Trust		07/19/2023	2,000,000.00	1,994,760.00	1,998,281.25	5.000	1,734	1,477	4.996	04/17/2028
14041NGB1	10930PF	Capital One Multi Asset		07/13/2023	2,000,000.00	1,992,200.00	1,987,343.75	4.950	1,555	1,292	5.233	10/15/2027
38013JAD5	10936PF	GM Financial Securitized Term		07/27/2023	2,000,000.00	1,983,520.00	1,974,531.25	4.660	1,665	1,416	5.293	02/16/2028
Subtotal and Average			5,960,156.25		6,000,000.00	5,970,480.00	5,960,156.25		1,651	1,395	5.174	
Municipal Bonds												
13063DLZ9	10799	California St Refunding		04/17/2019	4,000,000.00	4,000,000.00	4,000,000.00	3.000	1,811	0	2.545	04/01/2024
13063D2T4	10881	California St Refunding		11/23/2022	5,000,000.00	5,039,400.00	5,066,580.74	5.500	1,043	548	4.479	10/01/2025
373385AH6	10819	State of Georgia		05/06/2020	1,000,000.00	1,013,860.00	1,032,653.37	5.000	1,732	306	0.967	02/01/2025
64972H5G3	10901	New York City Transitional		11/23/2022	5,000,000.00	4,489,400.00	4,478,123.89	1.350	1,695	1,200	4.874	07/15/2027
Subtotal and Average			14,574,702.72		15,000,000.00	14,542,660.00	14,577,358.00		1,503	581	3.821	

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CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	Term	Days to Mat./Call	YTM/C 360	Maturity Date
Cash with Fiscal Agent												
SRF LOAN-08	10510	US Bank Fiscal Agent		09/30/2009	1,302,856.60	1,302,856.60	1,302,856.60		1	1	0.000	
SRF LOAN-12	10632	US Bank Fiscal Agent		06/30/2013	491,737.75	491,737.75	491,737.75		1	1	0.000	
2016 COPS	10691	US Bank Fiscal Agent		05/19/2016	293.45	293.45	293.45		1	1	0.000	
2018 COPS	10754	US Bank Fiscal Agent		05/01/2018	347.44	347.44	347.44		1	1	0.000	
2021 COPS	10833	US Bank Fiscal Agent		03/01/2021	2,307,997.96	2,307,997.96	2,307,997.96		1	1	0.000	
Subtotal and Average			4,094,794.88		4,103,233.20	4,103,233.20	4,103,233.20		1	1	0.000	
Total and Average			286,068,223.98		289,421,321.60	283,589,666.90	287,583,869.01		1,065	625	3.350	

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Portfolio Management
Portfolio Details - Cash
March 31, 2024

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CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	Term	Days to Mat./Call	YTM/C 360
Average Balance			0.00	Accrued Interest at Purchase *		0.00	0.00		0	0	
				Ending Accrued Interest		2,329,190.30	2,329,190.30				
				Subtotal		2,329,190.30	2,329,190.30				
Total Cash and Investment Value			286,068,223.98		289,421,321.60	285,918,857.20	289,913,059.31		1,065	625	3.350
* 137,804.37 Accrued at Purchase is Included in Book and Market Values											

PCWA
Portfolio Management
Activity By Type
March 1, 2024 through March 31, 2024

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CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Local Agency Investment Funds (Monthly Summary)							
Subtotal							42,640,588.71
Placer County Treasury (Monthly Summary)							
Subtotal							4,402,521.03
Checking Accounts (Monthly Summary)							
USB FLEX 125 PL	10763	US Bank			3,725.12	19,911.26	
USB WORKCOMP	10781	US Bank			0.00	1,890.14	
USB PCWA	10862	US Bank			10,270,807.08	8,567,040.30	
Subtotal					10,274,532.20	8,588,841.70	6,668,887.29
Money Market (Monthly Summary)							
MONEY MARKET	10850	US Bank Money Market			537,661.15	864,070.86	
Subtotal					537,661.15	864,070.86	1,606,091.37
Medium Term Notes							
Subtotal							23,120,148.06
Federal Agency Coupon Securities							
3130AB3H7	10800	Federal Home Loan Bank	2.375	03/08/2024	0.00	3,000,000.00	
3130A0XE5	10870	Federal Home Loan Bank	3.250	03/08/2024	0.00	3,750,000.00	
Subtotal					0.00	6,750,000.00	109,547,552.09
Treasury Coupon Securities							
91282CJF9	10951	U.S. Treasury	4.875	03/08/2024	5,667,148.44	0.00	
91282CDW8	10952	U.S. Treasury	1.750	03/08/2024	1,790,312.50	0.00	
Subtotal					7,457,460.94	0.00	74,957,333.01
Pass Through Securities (GNMA/CMO)							
Subtotal							5,960,156.25
Municipal Bonds							
Subtotal							14,577,358.00

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Portfolio Management
Activity By Type
March 1, 2024 through March 31, 2024

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CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Cash with Fiscal Agent							
SRF LOAN-08	10510	US Bank Fiscal Agent			5.18	0.00	
SRF LOAN-12	10632	US Bank Fiscal Agent			1.95	0.00	
2016 COPS	10691	US Bank Fiscal Agent			1.11	0.00	
2018 COPS	10754	US Bank Fiscal Agent			1.31	0.00	
2021 COPS	10833	US Bank Fiscal Agent			8,710.05	0.00	
		Subtotal			8,719.60	0.00	4,103,233.20
Total					18,278,373.89	16,202,912.56	287,583,869.01

M E M O R A N D U M

TO: Board of Directors

FROM: Joseph H. Parker, CPA, Director of Financial Services

DATE: April 4, 2024

RE: Board Check Register 24-07

RECOMMENDATION:

Check Register 24-07 expenses disbursed, receive and file.

ATTACHMENTS:

Description	Upload Date	Type
Board Check Register 24-07	4/4/2024	Backup Material

PLACER COUNTY WATER AGENCY

BOARD MEETING DATE 4/18/2024

SUMMARY

OF

CHECK REGISTER #24-07

FOR THE PERIOD OF

3/23/2024 - 4/05/2024

AGENCY WIDE	\$408,048.69
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POWER SYSTEMS	1,187,649.60
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WATER SYSTEMS	1,603,793.00
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GRAND TOTAL	\$3,199,491.29
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PLACER COUNTY WATER AGENCY

Check Register # 24-07

The Board of Directors of Placer County Water Agency as of this date, 4/18/2024, does hereby receive and file check register listing for the period from 3/23/2024 to 4/05/2024 in the amount of \$3,199,491.29.

PUBLIC EMP RETIREMENT SYSTEM	PAYROLL SUMMARY	520,311.67
US FOREST SERVICE	COLLECTION AGREEMENT	505,269.09
ARB, INC	PROG PAY EST#2 21030W	194,347.20
CLYDE G. STEAGALL, INC.	PROG PAY EST#2 22008W	151,858.12
BUCHALTER APC	LEGAL SERVICES	122,626.97
STANTEC CONSULTING SERVICES, INC	PROFESSIONAL SERVICES	101,963.49
WEST YOST & ASSOCIATES	PROFESSIONAL SERVICES	99,095.24
U.S. BANK	P-CARD PROGRAM	55,368.98
BLACK & VEATCH CORPORATION	PROFESSIONAL SERVICES	53,338.03
SACRAMENTO PRESTIGE GUNITE LLC	GUNITE	53,282.94
BLACK & VEATCH CORPORATION	PROFESSIONAL SERVICES	52,550.54
CORE & MAIN LP	SUPPLIES EXPENSE	47,435.71
K.G. WALTERS CONSTRUCTION CO. INC.	PROG PAY EST#1 21018W	42,256.00
P G & E	UTILITY EXPENSE	40,158.03
NORTHERN CALIF POWER AGENCY	PROFESSIONAL SERVICES	39,623.00
STILES TRUCK BODY & EQUIPMENT	VEHICLE EXPENSE	38,685.08
BWD GENERAL ENGINEERING CONTRACTORS	RETENTION RELEASE 17014W	38,366.86
RUBICON CONSTRUCTION MNGMT	PROFESSIONAL SERVICES	33,873.50
CDW GOVERNMENT INC.	SUPPLIES EXPENSE	32,159.81
BENEFIT COORDINATORS CORPORATION	PAYROLL SUMMARY	29,892.50
JENSEN LANDSCAPE SERVICES, LLC	LANDSCAPING SERVICE	29,642.00
GEI CONSULTANTS, INC	PROFESSIONAL SERVICES	25,835.13
VOLO TECHNOLOGIES, INC.	PROFESSIONAL SERVICES	25,607.50
HANSON BRIDGETT LLP	LEGAL SERVICES	24,829.92
NORTHERN CA WATER ASSOCIATION	PROFESSIONAL SERVICES	23,998.00
IN COMMUNICATIONS	PROFESSIONAL SERVICES	23,463.75
SACRAMENTO PRESTIGE GUNITE LLC	GUNITE	22,883.45
ELOGGER INC.	MAINTENANCE AGREEMENT	21,000.00
WESTERN HYDROLOGICS SYSTEMS	PROFESSIONAL SERVICES	19,405.24
ING CAL PERS PLAN 457	PAYROLL SUMMARY	19,210.88
CLERE INC	PROFESSIONAL SERVICES	18,266.25
BENEFIT COORDINATORS CORPORATION	PAYROLL SUMMARY	17,260.41

PLACER COUNTY WATER AGENCY

Check Register # 24-07

The Board of Directors of Placer County Water Agency as of this date, 4/18/2024, does hereby receive and file check register listing for the period from 3/23/2024 to 4/05/2024 in the amount of \$3,199,491.29.

NEVADA IRRIGATION DISTRICT	WATER PURCHASE	17,178.42
BAY ALARM COMPANY	SECURITY EXPENSE	17,013.91
TOWN OF LOOMIS	CREDIT BALANCE REFUND	17,000.00
PLACER COUNTY	MFP REIMBURSEMENT	16,936.15
EVOTEK, INC.	MAINTENANCE AGREEMENT	16,772.55
TYLER TECHNOLOGIES, INC	SOFTWARE EXPENSE	15,463.95
J'S JANITORIAL CLEANING SERVICE,LLC	JANITORIAL SERVICE	14,609.00
SIMPSON & SIMPSON, INC.	PAVING	14,537.50
VERIZON WIRELESS	UTILITY EXPENSE	13,989.91
P G & E	UTILITY EXPENSE	13,410.83
EMPOWER RETIREMENT, LLC	PAYROLL SUMMARY	13,206.57
HUNT & SONS LLC	FUEL EXPENSE	12,827.83
NORTHWEST HYDRAULIC CONSULT	PROFESSIONAL SERVICES	11,913.78
KBM-HOGUE	MAINTENANCE EXPENSE	11,734.28
SPRYPOINT SERVICES, INC.	SOFTWARE EXPENSE	11,031.25
CONSERVATION STRATEGY GROUP, LLC	PROFESSIONAL SERVICES	11,000.00
UNIVAR SOLUTIONS USA, INC	CHEMICAL EXPENSE	10,784.20
PITNEY BOWES BANK INC.	POSTAGE EXPENSE	10,000.00
TPX COMMUNICATIONS	UTILITY EXPENSE	9,918.96
CZARNECKI-YESTER CONSULTING	PROFESSIONAL SERVICES	9,500.00
ACE GARAGE DOOR SERVICES, INC	MAINTENANCE EXPENSE	9,000.00
INFINITI WIRELESS, INC	SOFTWARE EXPENSE	8,900.00
KALER GENERAL CONTRACTORS, INC.	MAINTENANCE EXPENSE	8,800.00
G3 ENGINEERING, INC	SUPPLIES EXPENSE	8,774.90
TREE PRO TREE SERVICE, INC	TREE REMOVAL SERVICE	8,535.82
MVP REPAIR SERVICE CO	MAINTENANCE EXPENSE	8,510.00
BAY VALVE SERVICE & ENGINEERING	SUPPLIES EXPENSE	8,309.69
KNOLL, INC.	MAINTENANCE EXPENSE	8,098.86
ENS RESOURCES, INC	PROFESSIONAL SERVICES	8,045.16
WESTERN HYDROLOGICS, L.L.P.	PROFESSIONAL SERVICES	7,745.00
HUNT & SONS LLC	FUEL EXPENSE	7,635.71
S & G CARPET AND MORE	MAINTENANCE EXPENSE	7,525.00

PLACER COUNTY WATER AGENCY

Check Register # 24-07

The Board of Directors of Placer County Water Agency as of this date, 4/18/2024, does hereby receive and file check register listing for the period from 3/23/2024 to 4/05/2024 in the amount of \$3,199,491.29.

GRAINGER	SUPPLIES EXPENSE	7,507.45
OLIN CORP SOLE MEMBER PIONEER AMER	CHEMICAL EXPENSE	7,234.57
CRANMER ENGINEERING INC	WATER TESTING	6,995.00
HEADWATERS ENVIRONMENTAL INC.	PROFESSIONAL SERVICES	6,815.50
APS ENVIRONMENTAL	MAINTENANCE EXPENSE	6,454.88
LIEBERT CASSIDY WHITMORE	PROFESSIONAL SERVICES	6,263.50
TRIMARK ASSOCIATES, INC	MAINTENANCE EXPENSE	6,083.75
LOCAL 39 STATIONARY ENGINEERS	PAYROLL SUMMARY	5,910.92
THATCHER COMPANY OF CALIFORNIA, INC	CHEMICAL EXPENSE	5,807.03
THATCHER COMPANY OF CALIFORNIA, INC	CHEMICAL EXPENSE	5,807.03
BUILTWARE FABRICATION INC	MAINTENANCE EXPENSE	5,748.08
AMAZON CAPITAL SERVICES, INC.	SUPPLIES EXPENSE	5,731.35
HILLS FLAT LUMBER COMPANY	SUPPLIES EXPENSE	5,729.61
HYDROS ENGINEERING, INC.	PROFESSIONAL SERVICES	5,602.82
ELDON A. COTTON	PROFESSIONAL SERVICES	5,100.00
DOMENICHELLI & ASSOCIATES	PROFESSIONAL SERVICES	5,055.00
PACIFIC GAS & ELECTRIC	INTERCONNECTION FEES	5,020.93
ROCKLIN WINDUSTRIAL CO	SUPPLIES EXPENSE	4,957.72
ACCRUENT LLC	SOFTWARE EXPENSE	4,640.00
ARRAY	LEGAL SERVICES	4,606.06
BLACKBURN CONSULTING	PROFESSIONAL SERVICES	4,570.00
WESTERN POWER TRADING FORUM	MEMBERSHIP EXPENSE	4,570.00
ATLAS COPCO COMPRESSORS LLC	SUPPLIES EXPENSE	4,331.38
CLARKE & RUSH MECHANICAL, INC	MAINTENANCE EXPENSE	4,152.00
PLACER COUNTY AGRICULTURE DEPT	PROFESSIONAL SERVICES	4,135.68
LANDMARK ENVIRONMENTAL, INC	PROFESSIONAL SERVICES	3,917.89
ALL PRO BACKFLOW, INC	MAINTENANCE EXPENSE	3,726.93
KAMPS PROPANE INC	PROPANE EXPENSE	3,633.67
DXP ENTERPRISES, INC.	MAINTENANCE EXPENSE	3,600.31
TYLER TECHNOLOGIES, INC	SOFTWARE EXPENSE	3,552.00
FERGUSON ENTERPRISES, INC.	SUPPLIES EXPENSE	3,383.77
HARRIS TRUCKING INCORPORATED	ROAD BASE	3,300.87

PLACER COUNTY WATER AGENCY

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AMAZON CAPITAL SERVICES, INC.	SUPPLIES EXPENSE	3,297.37
LAND AIR SEA SYSTEMS, INC.	SUBSCRIPTION EXPENSE	3,264.30
THOMAS R JOHNSON LLC	PROFESSIONAL SERVICES	3,185.00
GANNETT FLEMING, INC.	PROFESSIONAL SERVICES	3,125.00
SEBASTIAN	UTILITY EXPENSE	3,039.68
BADGER METER INC	SUPPLIES EXPENSE	3,027.84
OTC GLOBAL HOLDINGS LP	FORECASTING SERVICE	3,000.00
BADGER METER INC	SUPPLIES EXPENSE	2,944.66
ICE US OTC COMMODITY MARKETS, LLC	FORECASTING EXPENSE	2,820.00
BENNETT, JARED	WF FINAL REFUND	2,811.84
HICKOK, TOM	WF FINAL REFUND	2,650.03
AT&T	UTILITY EXPENSE	2,585.92
JANI-KING OF CALIFORNIA, INC	JANITORIAL SERVICE	2,529.77
GRAINGER	SUPPLIES EXPENSE	2,516.67
MAXIM CRANE WORKS	MAINTENANCE EXPENSE	2,405.34
MNJ ADVISORS INC.	PROFESSIONAL SERVICES	2,200.00
BLACKBURN CONSULTING	PROFESSIONAL SERVICES	2,197.00
BERGMAN, JASON	EXPENSE REIMBURSEMENT	2,152.19
RS AMERICAS, INC.	SUPPLIES EXPENSE	2,138.18
VERIZON WIRELESS	UTILITY EXPENSE	2,137.74
CITY OF ROCKLIN	ENCROACHMENT PERMITS	2,060.00
COLANTUONO, HIGHSMITH & WHATLEY, PC	LEGAL SERVICES	2,017.00
IVES TRAINING GROUP	TRAINING EXPENSE	2,014.75
DIGITAL DESIGNS INC.	LICENSE EXPENSE	1,964.00
MALLORY SAFETY AND SUPPLY	SUPPLIES EXPENSE	1,921.33
SIERRA SAFETY COMPANY	SUPPLIES EXPENSE	1,778.42
CLARKE & RUSH MECHANICAL, INC	MAINTENANCE EXPENSE	1,760.00
NEW PIG CORPORATION	SUPPLIES EXPENSE	1,730.14
HUNT AND SONS, INC	FUEL EXPENSE	1,705.29
MARTIN, BRIAN	PROFESSIONAL SERVICES	1,687.50
HARRIS TRUCKING INCORPORATED	ROAD BASE	1,646.99
T & T VALVE AND INSTRUMENT INC	SUPPLIES EXPENSE	1,618.13

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GENERAL WHOLESALE ELEC SUPPLY	SUPPLIES EXPENSE	1,597.67
CHANCELLOR, MIKE	EXPENSE REIMBURSEMENT	1,589.39
GE DIGITAL LLC	SOFTWARE EXPENSE	1,577.60
FASTENAL COMPANY	SUPPLIES EXPENSE	1,577.59
SULLIVAN, AARON	EXPENSE REIMBURSEMENT	1,550.74
STANTEC CONSULTING SERVICES, INC	PROFESSIONAL SERVICES	1,549.17
AUBURN TIRE	VEHICLE MAINTENANCE	1,522.84
BRUNKHORST, MIKE	EXPENSE REIMBURSEMENT	1,500.74
AUBURN CHAMBER OF COMMERCE	SPONSORSHIP EXPENSE	1,500.00
ADAMS, DON	WF FINAL REFUND	1,497.00
SAC ICE	MAINTENANCE EXPENSE	1,423.27
A TEEM ELECTRICAL ENGINEERING	PROFESSIONAL SERVICES	1,340.00
BLANKINSHIP & ASSOCIATES, INC.	PROFESSIONAL SERVICES	1,335.00
CALIFORNIA STATE DISBURSEMENT UNIT	PAYROLL SUMMARY	1,292.30
PACE SUPPLY CORPORATION	SUPPLIES EXPENSE	1,284.51
HD SUPPLY FACILITIES MAINT	SUPPLIES EXPENSE	1,284.44
ALICE STEBBINS CONSULTING	PROFESSIONAL SERVICES	1,250.00
ZEMARC CORPORATION	SUPPLIES EXPENSE	1,247.65
AUBURN SAW	SUPPLIES EXPENSE	1,236.53
NAPA AUTO PARTS	VEHICLE MAINTENANCE	1,164.35
MOTLEY, SHANE	EXPENSE REIMBURSEMENT	1,155.71
ODP BUSINESS SOLUTIONS, LLC	SUPPLIES EXPENSE	1,117.44
WAREHOUSE PAINT	SUPPLIES EXPENSE	1,072.28
ARC DOCUMENT SOLUTIONS, LLC	PRINTING EXPENSE	1,067.79
HILTI INC.	SUPPLIES EXPENSE	1,060.23
LUTZ-JESCO AMERICAN CORP	SUPPLIES EXPENSE	1,060.00
LEAF	COPIER LEASE	1,042.92
HIGH ST BIBLE CHURCH	WF FINAL REFUND	1,040.91
EDGES ELECTRICAL GROUP	SUPPLIES EXPENSE	1,019.41
JOHN WOOTTON INTEGRATION	PROFESSIONAL SERVICES	1,000.00
ROCKLIN AREA CHAMBER OF COMMERCE	SPONSORSHIP EXPENSE	1,000.00
BECKLEY, PAUL	CREDIT BALANCE REFUND	925.00

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PROCESS INNOVATIONS/PROCESS PLUGINS	MAINTENANCE AGREEMENT	860.00
HARRIS INDUSTRIAL GASES	SUPPLIES EXPENSE	788.32
DE LAGE LANDEN FINANCIAL SRV	COPIER LEASE	736.33
SGS NORTH AMERICA INC	TESTING EXPENSE	720.00
ATLAS COPCO COMPRESSORS LLC	SUPPLIES EXPENSE	691.66
OREILLY AUTOMOTIVE STORES	VEHICLE MAINTENANCE	624.55
PILGRIM RAIL SERVICE	CREDIT BALANCE REFUND	576.73
ECKERSALL, LLC	PROFESSIONAL SERVICES	562.50
FORESTHILL PUBLIC UTILITY DIST	UTILITY EXPENSE	540.77
DUSHANE, KYLE LATEN	EXPENSE REIMBURSEMENT	537.50
PACE SUPPLY CORPORATION	SUPPLIES EXPENSE	528.99
MALLORY SAFETY AND SUPPLY	SUPPLIES EXPENSE	505.90
LIFE IS GOOD RENTALS	RENTAL EXPENSE	500.00
LEAF	COPIER LEASE	468.83
AT&T MOBILITY	UTILITY EXPENSE	468.07
SCOTT TECHNOLOGY GROUP SACRAMENTO	MAINTENANCE AGREEMENT	461.23
REXEL USA, INC.	SUPPLIES EXPENSE	448.92
MC MASTER-CARR SUPPLY COMPANY	SUPPLIES EXPENSE	435.27
BOYLE FUTURE TECHNOLOGY	SUPPLIES EXPENSE	432.89
RONKS SERVICE INC	VEHICLE MAINTENANCE	425.61
PARADYME, INC.	MAINTENANCE EXPENSE	425.00
CONTINENTAL BATTERY SYSTEMS	VEHICLE MAINTENANCE	412.37
QUINCY COMPRESSORS LLC	SUPPLIES EXPENSE	411.33
MOULES FOOTHILL GLASS, INC.	MAINTENANCE EXPENSE	407.04
DIAMOND PACIFIC	SUPPLIES EXPENSE	406.26
GLOBAL SAFETY NETWORK	RECRUITMENT EXPENSE	403.15
U.S. BANK	COPIER LEASE	394.98
ANDERSON'S SIERRA PIPE CO.	SUPPLIES EXPENSE	382.46
TJ/H2B ANALYTICAL SERVICES	PROFESSIONAL SERVICES	367.50
GOLDEN 1 CREDIT UNION	PAYROLL SUMMARY	366.06
SABAH INTERNATIONAL	MAINTENANCE EXPENSE	354.50
RELIABLE AUTOGLASS	VEHICLE MAINTENANCE	339.50

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CDW GOVERNMENT INC.	SUPPLIES EXPENSE	332.15
ICF JONES & STOKES ASSOCIATES	PROFESSIONAL SERVICES	322.50
AUBURN ACE HARDWARE	SUPPLIES EXPENSE	320.13
RELIABLE AUTOGLASS	VEHICLE MAINTENANCE	312.69
P&A ADMINISTRATIVE SERVICES, INC.	PAYROLL SUMMARY	310.50
MOTION INDUSTRIES	SUPPLIES EXPENSE	306.99
PLACER COUNTY	PROFESSIONAL SERVICES	306.42
HACH COMPANY	SUPPLIES EXPENSE	296.01
ROCKLIN WINDUSTRIAL CO	SUPPLIES EXPENSE	283.94
GRID SUBJECT MATTER EXPERTS	PROFESSIONAL SERVICES	262.50
WESTERN AREA POWER ADMIN	WHOLESALE POWER	254.47
VALLEY IRON, INC.	SUPPLIES EXPENSE	253.38
REINTJES, DARIN	EXPENSE REIMBURSEMENT	225.00
GAMEZ, GERARDO	EXPENSE REIMBURSEMENT	203.00
AIRGAS NCN	RENTAL EXPENSE	202.79
CONFIDENTIAL DOCUMENT CONTROL	RECORDS DESTRUCTION	199.00
DIRECT TV (DORM)	DIRECT TV	185.64
FIRENZI, TONY	EXPENSE REIMBURSEMENT	183.01
VITAL RECORDS CONTROL	MAINTENANCE AGREEMENT	180.60
SCOTT TECHNOLOGY GROUP SACRAMENTO	MAINTENANCE AGREEMENT	178.36
USA BLUEBOOK	SUPPLIES EXPENSE	174.38
USA BLUEBOOK	SUPPLIES EXPENSE	166.62
DAWSON OIL CO.	FUEL EXPENSE	166.08
AUBURN FORD	VEHICLE MAINTENANCE	156.22
OREILLY AUTOMOTIVE STORES	VEHICLE MAINTENANCE	151.68
HOME DEPOT USA, INC.	SUPPLIES EXPENSE	151.49
DUQUET, ALEXANDRA	CREDIT BALANCE REFUND	135.56
ODP BUSINESS SOLUTIONS, LLC	SUPPLIES EXPENSE	127.33
AUBURN ACE HARDWARE	SUPPLIES EXPENSE	124.96
STERLING CAPITAL PARTNERS	CREDIT BALANCE REFUND	123.55
KRIEG, MARTIN	CREDIT BALANCE REFUND	121.98
FORESTHILL GARAGE, INC	VEHICLE MAINTENANCE	119.41

PLACER COUNTY WATER AGENCY

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AT&T	UTILITY EXPENSE	114.29
PACO VENTURES, LLC	MAINTENANCE EXPENSE	113.80
NATIONAL PRINT AND PROMO	SUPPLIES EXPENSE	108.75
SWRCB-DWOC	LICENSE EXPENSE	105.00
ROSEVILLE CHAMBER OF COMMERCE	REGISTRATION EXPENSE	100.00
CITY OF ROSEVILLE	UTILITY EXPENSE	97.56
PETRIN, ELENA	CREDIT BALANCE REFUND	97.44
DIRECT TV (DORM)	UTILITY EXPENSE	92.99
FEDERAL EXPRESS CORP.	SHIPPING EXPENSE	87.42
AT&T INTERNET SERVICES	UTILITY EXPENSE	80.47
AYLARD, KAY LYNN	CREDIT BALANCE REFUND	78.61
NAPA AUTO PARTS	VEHICLE MAINTENANCE	73.52
DE LAGE LANDEN FINANCIAL SRV	COPIER LEASE	73.49
PAVLITSKIY, SAMUIL	CREDIT BALANCE REFUND	70.39
BARONI, MICHAEL	CREDIT BALANCE REFUND	69.56
AUBURN CHRYSLER DODGE JEEP RAM INC.	VEHICLE MAINTENANCE	68.69
AUBURN FORD	VEHICLE MAINTENANCE	68.21
FEDERAL EXPRESS CORP.	SHIPPING EXPENSE	66.68
GATANAGA, FRANCES	CREDIT BALANCE REFUND	66.56
GRANT PLUMBING & HARDWARE CO.	SUPPLIES EXPENSE	65.41
DOWLING, JARED	CREDIT BALANCE REFUND	63.40
CULLIGAN	WATER SERVICE	61.75
MONFORD, KEVIN	CREDIT BALANCE REFUND	59.37
GARRITY, PATRICK & SHERYL	CREDIT BALANCE REFUND	57.92
SIGRIST, FRANK C	CREDIT BALANCE REFUND	57.51
HILLS FLAT LUMBER COMPANY	SUPPLIES EXPENSE	57.49
MERCER, AMANDA	CREDIT BALANCE REFUND	57.23
PARKER, JASON	CREDIT BALANCE REFUND	53.93
CHUNG, TAIDON	CREDIT BALANCE REFUND	53.08
LAKE, CHRISTINE	CREDIT BALANCE REFUND	52.62
MEDEIROS, EDDIE	CREDIT BALANCE REFUND	51.29
SWRCB-DWOC	LICENSE EXPENSE	50.00

PLACER COUNTY WATER AGENCY

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PLACER COUNTY CLERK/RECORDER/ELECT	FILING FEES	50.00
HENSLER, DARYL	EXPENSE REIMBURSEMENT	49.52
RECEDEZ, ROBERTO	CREDIT BALANCE REFUND	46.77
OHAGAN, GLEN	CREDIT BALANCE REFUND	46.75
ALBERTS, ADELHEID	CREDIT BALANCE REFUND	45.20
SHEKHAR, SHASHI	CREDIT BALANCE REFUND	43.71
FLENS, PEGGY	CREDIT BALANCE REFUND	41.43
WRIGHT, RAEDEAN	CREDIT BALANCE REFUND	38.75
UNITED PARCEL SERVICE	SHIPPING EXPENSE	36.40
BIG BRAND TIRE & SERVICE	VEHICLE MAINTENANCE	35.00
KOLOTYUK WF442043, IGOR	WF FINAL REFUND	33.65
BATHAM, CARIN	CREDIT BALANCE REFUND	32.08
CAPPS, BO	CREDIT BALANCE REFUND	31.76
NALLA, HARISH KUMAR	CREDIT BALANCE REFUND	31.14
T-MOBILE	UTILITY EXPENSE	30.80
DELGADO, NOEL	CREDIT BALANCE REFUND	27.91
ARRINGTON, KARI	CREDIT BALANCE REFUND	27.30
MCGIVNEY, CHRISTOPHER	CREDIT BALANCE REFUND	27.20
POCKLINGTON, ADRIEN	CREDIT BALANCE REFUND	24.48
LACHAPELLE, RACHAEL	CREDIT BALANCE REFUND	22.94
BLUE TARP FINANCIAL	SUPPLIES EXPENSE	21.43
MROFKA, RICHARD	CREDIT BALANCE REFUND	19.86
EDGES ELECTRICAL GROUP	SUPPLIES EXPENSE	19.56
SCATES, CHERYL	CREDIT BALANCE REFUND	18.71
ENSOR, DIANE	CREDIT BALANCE REFUND	17.84
GAONKAR, SUNIJA	CREDIT BALANCE REFUND	17.57
DEPAUL, HEATHER	CREDIT BALANCE REFUND	17.44
DEMARTE, ZAINATHON	CREDIT BALANCE REFUND	17.10
UNITED PARCEL SERVICE	SHIPPING EXPENSE	16.90
ESTATE OF PHYLLIS EARP	CREDIT BALANCE REFUND	12.47
ANDERSON'S SIERRA PIPE CO.	SUPPLIES EXPENSE	11.96
ALLEN, LEESHA	CREDIT BALANCE REFUND	11.83

PLACER COUNTY WATER AGENCY
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NGUYEN, MINH	CREDIT BALANCE REFUND	9.42
ADAMS, PATRICIA	CREDIT BALANCE REFUND	9.37
ASHLEY, KEENAN	CREDIT BALANCE REFUND	7.83
CAFFEY, MIKE	CREDIT BALANCE REFUND	4.61
WOLKEN, SARA	CREDIT BALANCE REFUND	2.83

CHECK REGISTER TOTAL \$3,199,491.29

M E M O R A N D U M

TO: Board of Directors

FROM: Joseph H. Parker, CPA, Director of Financial Services

DATE: April 4, 2024

RE: Board of Directors' March 2024 Expenses

RECOMMENDATION:

Receive and file.

DISCUSSION:

There were no Directors' expenses submitted for March, 2024.

M E M O R A N D U M

TO: Board of Directors

FROM: Joseph H. Parker, CPA, Director of Financial Services
Todd Deacon, Procurement and Risk Manager

DATE: April 1, 2024

RE: California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority

RECOMMENDATION:

Approve the Agreement to Become a Party to the Amended Joint Powers Agreement Creating the California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority.

BACKGROUND:

The coverage period for the Agency's casualty insurance which includes general and auto liability, auto physical damage, excess liability, public officials and management liability, inland marine, and pollution liability (three-year policy), is April 1st through March 31st each year. The Agency's Broker of Record received two proposals in late March from Glatfelter Public Practice and the California Association of Mutual Water Companies (CalMutuals) Joint Powers Risk and Insurance Management Authority (JPRIMA). The incumbent, Glatfelter Public Practice, submitted a conditional proposal excluding general liability, public officials and management liability, and excess coverage (for those lines) for anything related to the Agency's power systems. The proposal also reduced the excess limit by half and added a new sub-limit for dam failure coverage. This was a surprise as Glatfelter Public Practice has insured the Agency, including power systems, for over 10 years.

In comparison, JPRIMA's proposal provides full and highly comprehensive coverage to mitigate the Agency's unique risks for both the water and power operations. JPRIMA's proposal offers expanded coverages specifically for pollution and inverse condemnation coverage for general liability, public officials and management liability,

and excess liability with the same limits and deductibles the Agency has historically carried making this offering the best available at this time.

DISCUSSION:

JPRIMA was established through CalMutuals advocacy with the California's legislature and passing of AB 656 in September 2015. Since its inception, JPRIMA has become one of the largest insurance pools in the United States for public and private not-for-profit community water systems and is underwritten through Allied Public Risk, LLC. JPRIMA provides property & liability, workers' compensation, and pollution liability products to its roughly 300 members. There is no joint and several liability, financial liability, or assessments for participating members within JPRIMA.

Similar to the Agency's participation in the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA) for Water and Agency Wide property insurance, participation in JPRIMA requires entering into an agreement to become a party to the joint powers authority. The initial term of the agreement is three years, however, the Agency could choose to withdraw should there be a cost increase of 15% or more in any single year. While there is an administrative fee of approximately 10% included in the annual insurance premium, the scope of coverage and service through JPRIMA is unparalleled. JPRIMA is the best market offering available at this time for water entities with hydro-electric operations in the State of California. Joining JPRIMA's insurance pool will ensure that the Agency's risks continue to be treated with the best possible coverage at the best price.

FISCAL IMPACT:

Funding for 2024 insurance premiums will come from:

- Agency Wide, Operations Budget within the Department of Financial Services;
- Power Division, Operations Budget within the Department of Power Generation Services; and
- Water Division which is budgeted in Agency Wide and allocated through Service Level Support.

M E M O R A N D U M

TO: Board of Directors

FROM: Jeremy Shepard, Director of Technical Services

DATE: March 25, 2024

RE: Auburn Tunnel Pump Station 2 Pump 6 Replacement

RECOMMENDATION:

Approve General Services Agreement with Eaton Drilling Co., LLC, in an amount not to exceed \$280,198 for the Auburn Tunnel Pump Station 2 Pump 6 Replacement Project.

BACKGROUND:

Auburn Tunnel Pump Station 2 (ATPS-2) is located within the Ophir Pump Station Building and consists of six (6) 3-phase vertical pumps which pump water from the Auburn Tunnel (approximately 210 feet below ground elevation) to an existing storage basin (at ground elevation). From the basin, water is either conveyed through the PG&E owned South Canal or pumped through the PCWA owned Foothill Raw Water pipeline to the Foothill Water Treatment Plant. ATPS-2 is integral to providing water to the Foothill Water Treatment Plant during times of PG&E outages.

During routine inspections, a hole was discovered on the casting of the bowl assembly for Pump 6. Agency staff identified the bowl assembly as in need of replacement. The scope of this project is to remove the column pipe and shaft, inspect the shaft for straightness, replace the pump bowl assembly, and reinstall the pump and column pipe.

DISCUSSION:

The Engineering Department within Technical Services developed a bid contract in January of 2024 for the replacement of ATPS-2 Pump 6. This bid contract was advertised publicly on February 13, 2024. The Agency received two (2) bids from the

following contractors on March 14, 2024:

- 1. Eaton Drilling Co., LLC \$280,198
- 2. Lorang Brothers Construction, Inc. \$299,825

A third bid was submitted by J&J Pumps Inc., however, the bid was received after the listed deadline of 2:00 pm on March 14 and was not considered for award. Additionally, J&J Pumps did not submit any of the required contractor experience information, contractor license information, or DIR registration information, and would have been considered non-responsive had it been submitted on time.

Eaton Drilling Co., LLC, is determined to have the lowest responsible bid. Staff has performed a check on the contractor's license and has found it to be current and in good standing. Upon Board approval, the contractor will begin work April 2024 and is expected to complete construction by January 2025. Award of the contract to Eaton Drilling Co., LLC, is recommended.

FISCAL IMPACT:

Project-to-Date Budget (Water Division, Rates Projects - Raw Water Transmission and Distribution)	\$ 400,000
Less Project-to-Date Expenses and Encumbrances	13,185
Available in Project Budget (current)	<u>386,815</u>
Less Proposed Action	280,198
Total Available in Project Budget (proposed)	<u><u>\$ 106,617</u></u>

Funding for the project comes from Water Division, Rates Projects - Raw Water Transmission and Distribution. There are sufficient funds within the project budget to cover anticipated costs through completion.

M E M O R A N D U M

TO: Board of Directors

FROM: Aaron Sullivan P.E., Director of Power Generation Services

DATE: March 14, 2024

RE: Amendment No. 1 to the General Services Agreement with Global Diving and Salvage, Inc.

RECOMMENDATION:

Approve Amendment No. 1 to the General Services Agreement No. PS-2459281 with Global Diving and Salvage, Inc., in an additional amount not to exceed \$100,000 for the Middle Fork American River Project (MFP).

BACKGROUND:

The Power System Department uses on-call general services to enhance or supplement existing staff used for the MFP. This is especially the case for unique services such as diving and salvage needs at MFP reservoirs and hydro facilities.

DISCUSSION:

On May 10, 2021, the Agency entered into a General Services Agreement with Global Diving Salvage Inc., in the amount of \$100,000 over three years. The existing Agreement expires on May 10, 2024. Services provided in the agreement are necessary and called upon in support of various projects where time is of the essence and specialized diving services are needed. These services are authorized by task orders for underwater inspection, minor repairs, routine maintenance, and emergency response for hazardous material and submerged equipment. These services are only utilized when and if needed and are not a guarantee of work.

Staff proposes an amendment to the existing Agreement to continue a General Services Agreement. Amendment No. 1 provides a time extension for an additional 12 months through May 9, 2025, increases the total agreement amount from \$100,000 to \$200,000, revises the hourly billing rates, and revises the Agency's

representative.

FISCAL IMPACT:

Funding for this Amendment will come from individual Power Division Capital Projects or Operations budget, within the department of Power Generation Services. On-call professional services are only utilized when and if needed and although there is a not-to-exceed amount stated, this does not mean the total amount will be used.

M E M O R A N D U M

TO: Board of Directors

FROM: Jeremy Shepard, Director of Technical Services

DATE: April 3, 2024

RE: Supply and Demand Report for Water Systems

RECOMMENDATION:

Approve water service application for Facilities Agreement (FA) 2851, Bickford Ranch Phase 1A Equestrian Center and Trail, Placer County, 1.0 Unit of Capacity (UOC).

BACKGROUND:

This report includes applications for water service for the April 18, 2024 Board meeting and includes applications received as of April 3, 2024. Applications received after April 3, 2024, will be on the May 2, 2024 Board agenda.

LOWER UNTREATED WATER SYSTEM:

Staff approved a connection totaling 0.5 summer miner's inch, which equates to 4.5 acre-feet (AF) of new untreated water commitment.

There is one customer downsize for a total reduction of 9.0 AF of previously authorized untreated water commitment.

The net change in untreated water commitment is a decrease of 4.5 AF. The remaining supply is 25,366.3 AF.

UPPER UNTREATED WATER SYSTEM:

Staff approved a connection totaling 0.5 summer miner's inch, which equates to 4.5 acre-feet (AF) of new untreated water commitment.

There are no reductions of previously authorized untreated water commitment.

The net change in untreated water commitment is a increase of 4.5 AF. The remaining supply is 14,671.8 AF.

LOWER TREATED WATER SYSTEM - FOOTHILL, SUNSET, OPHIR:

There is one FA in the amount of 1.0 UOC for Board consideration.

There is no reduction is previously authorized treated water commitment.

The net change in treated water commitment is an increase of 1.0 UOC. The remaining supply is 1,786.6 UOC.

LOWER TREATED WATER SYSTEM - AUBURN, BOWMAN:

There are no requests for treated water commitment.

There is one customer discontinuance for a reduction of 1.0 UOC of previously authorized treated water commitment.

The net change in treated water commitment is a decrease of 1.0 UOC. The remaining supply is 2,529.6 UOC.

UPPER TREATED WATER SYSTEM - WEIMAR:

There are no requests for treated water commitment.

There is one customer discontinuance for a reduction of 1.0 UOC of previously authorized treated water commitment.

The net change in treated water commitment is a decrease of 1.0 UOC. The remaining supply is 177.0 UOC.

ATTACHMENTS:

Description	Upload Date	Type
Supply Demand Report - 04-18-2024	4/3/2024	Backup Material



Supply and Demand Report for
Western Water System (Zone 6)
April 18, 2024 Board Meeting

Supply Summary	Acre Feet (AF)
PG&E Western Water System	100,400
PG&E Zone 3	25,000
Canyon Creek Water Rights ⁽¹⁾	3,400
PCWA Middle Fork Project ⁽²⁾	35,500
NID Deliveries to Foothill WTP	1,920
Total Supply	166,220

Lower Untreated Water System		AF
Supply		141,220.00
Baseline Demand		
Realized (2021)		88,197.50
Realized Zone 5 (2021) ⁽³⁾		14,944.00
Committed Demand		
Bickford Ranch		1,538.50
Auburn-Bowman		2,296.45
Foothill-Sunset-Ophir		7,337.44
Total Committed Demand		11,172.39
Total Baseline Demand		114,313.89
Commitments Post 2021		
Since Baseline ⁽⁵⁾		1,544.30
Requests this Meeting		-4.52
Total Commitments Post 2021		1,539.78
Remaining Supply upon approval of requests at this meeting.		25,366.33

Untreated Water Supply and Demand Summaries

Upper Untreated Water System (Zone 3)		
Supply		25,000.00
Baseline Demand		
Realized (2021)		9,676.90
Committed Demand		
Alta		138.35
Monte Vista		27.45
Colfax		244.77
Applegate		9.19
Total Committed Demand		419.75
Total Baseline Demand		10,096.65
Commitments Post 2021		
Since Baseline ⁽⁵⁾		227.08
Requests this Meeting		4.52
Total Commitments Post 2021		231.61
Remaining Supply upon approval of requests at this meeting.		14,671.75

Lower Treated Water Systems				
	Foothill-Sunset-Ophir ⁽⁶⁾		Auburn-Bowman	
Total Capacity ⁽⁴⁾	65.000 MGD	56,521.7 UOC	15.000 MGD	13,043.5 UOC
Baseline Demand				
Realized (Summer 2021)	51.900 MGD		10.900 MGD	
Committed Demand ⁽⁷⁾	8.846 MGD		1.091 MGD	
Entitlements ⁽⁸⁾	5.874 MGD		0.290 MGD	
No Demand Meters ⁽⁹⁾	0.160 MGD		0.084 MGD	
Drought Rebound ⁽¹⁰⁾	2.812 MGD		0.636 MGD	
Consolidations ⁽¹¹⁾	0.000 MGD		0.082 MGD	
Total Baseline Demand	60.746 MGD	52,822.7 UOC	11.991 MGD	10,427.1 UOC
Commitments Post 2021				
Since Baseline ⁽¹²⁾	2.198 MGD	1,911.5 UOC	0.101 MGD	87.8 UOC
Requests this Meeting	0.001 MGD	1.0 UOC	-0.001 MGD	-1.0 UOC
Total Commitment	2.199 MGD	1,912.5 UOC	0.100 MGD	86.8 UOC
Remaining Supply after approval of requests at this meeting:				
Based on Normal Capacity	2.055 MGD	1,786.6 UOC	2.909 MGD	2,529.6 UOC

Upper Treated Water Systems									
Applegate		Colfax		Monte Vista		Alta		Weimar ⁽¹³⁾	
0.071 MGD	62.1 UOC	1.244 MGD	1,081.7 UOC	0.102 MGD	88.7 UOC	0.512 MGD	445.2 UOC	1.000 MGD	869.6 UOC
0.055 MGD		0.807 MGD		0.053 MGD		0.265 MGD		0.690 MGD	
0.005 MGD		0.076 MGD		0.004 MGD		0.111 MGD		0.108 MGD	
0.000 MGD		0.000 MGD		0.000 MGD		0.000 MGD		0.053 MGD	
0.001 MGD		0.013 MGD		0.000 MGD		0.005 MGD		0.000 MGD	
0.004 MGD		0.063 MGD		0.004 MGD		0.021 MGD		0.054 MGD	
0.000 MGD		0.000 MGD		0.000 MGD		0.085 MGD		0.000 MGD	
0.060 MGD	52.6 UOC	0.883 MGD	767.8 UOC	0.057 MGD	49.7 UOC	0.376 MGD	326.6 UOC	0.798 MGD	693.6 UOC
0.001 MGD	1.0 UOC	0.006 MGD	5.0 UOC	0.000 MGD	0.0 UOC	0.001 MGD	0.5 UOC	0.000 MGD	0.0 UOC
0.000 MGD	0.0 UOC	0.000 MGD	0.0 UOC	0.000 MGD	0.0 UOC	0.000 MGD	0.0 UOC	-0.001 MGD	-1.0 UOC
0.001 MGD	1.0 UOC	0.006 MGD	5.0 UOC	0.000 MGD	0.0 UOC	0.001 MGD	0.5 UOC	-0.001 MGD	-1.0 UOC
0.010 MGD	8.5 UOC	0.355 MGD	308.9 UOC	0.045 MGD	39.0 UOC	0.135 MGD	118.1 UOC	0.203 MGD	177.0 UOC

Footnotes:

(1) Canyon Creek Water Right varies annually based on snow pack and flows in the creek. This water right can be used anywherein western Placer County; however, it is shown here to be assigned to the Lower Untreated Water System.

(2) PCWA Middle Fork Project (MFP) water supply to City of Roseville, San Juan Water District, and others is delivered to Fokom Reservoir for diversion.

(3) Zone 5 demand fluctuated between 4,014 - 14,944 AF between 2015 and 2021, the 2021 demand was used.

(4) Reservation of untreated water for treatment plant build out of Alta at 0.512 MGD, Monte Vista at 0.102 MGD, Colfax at 1.244 MGD, Weimar at 1.000 MGD, Applegate at 0.071 MGD, Foothill at 60 MGD, Sunset at 5 MGD, Auburn at 8 MGD, and Bowman 7 MGD.

(5) Includes Board approved untreated water requests 6 months (1/1/2021) before baseline to compensate for demand not yet realized.

(6) Ophir WTP and associated infrastructure are planned facilities included within the Agency's Water Connection Charge program. The capacity gained from Ophir WTP will be added to this report once the plant is constructed and operational.

(7) This amount reflects unrealized demand that is not included in the baseline demand and includes entitlements, no demand meters, drought rebound and consolidations.

(8) This includes remaining capacity of water supply contracts and other agreements. The Foothill-Sunset-Ophir System unrealized demands included 3.87 MGD for the City of Lincoln and 0.853 MGD for Cal-Am. The Weimar Water System unrealized demand includes 0.053 MGD for Midway Heights CWD.

(9) No demand meters are based on active accounts with a no demand rate class as of 8/10/2021.

(10) Drought rebound is the estimated amount of treated water the retail system anticipates to recover after temporary conservation is achieved through ongoing drought regulations and messaging.

(11) Consolidations includes those projects where a public water system has executed a consolidation agreement with PCWA to reserve capacity.

(12) Includes Board approved facilities agreements after 1/1/2020 and infill requests after 1/1/2021 to compensate for demand not yet realized. This excludes any post baseline commitments from Weimar Water System prior to 10/2/2023.

(13) The Weimar Water System acquisition was completed on 10/2/2023, demand and entitlements were included from the previous owner's 2021 calendar year records.

MEMORANDUM

TO: Board of Directors

FROM: Darin Reintjes, Director of Resource Management
Matt Young, Director of Customer Services

DATE: April 9, 2024

RE: Water Supply Update

RECOMMENDATION:

Approve a variance to Section 40405 Delivery Orifice Change of the Agency's Rules and Regulations that would broaden the option to temporarily reduce untreated water delivery to all untreated water customers during the 2024 Summer Irrigation season.

BACKGROUND:

The Agency currently relies on the PG&E Drum-Spaulding water supplies to meet up to 90% of the Agency's retail and wholesale customer demands. The Agency was notified on March 8th of substantial leakage of the discharge piping of the Spaulding Powerhouse #1. The leakage was caused by corrosion which resulted in erosion of the concrete backfill of the piping and the foundation and structural columns of the powerhouse. Repair of the damaged facilities has forced a shutdown of the powerhouse and water releases from Lake Spaulding. During the outage of the powerhouse, PG&E does not have the ability to move water into the Drum Canal which is the source of most of the Agency's water supply provided by PG&E. Initially PG&E estimated a return to service to be sometime in early June, but after further inspection the Agency was notified that full repair of the powerhouse and associate discharge piping would not be completed until August. PG&E has proposed an alternative option to complete repairs to the structural columns and one of the two discharge pipes in order to restore partial water flows to the canal. PG&E anticipates that this alternative would allow them to meet a completion date closer to the previously communicated June 8th estimated return to service date, but with reduced water capacity of about 400 cubic feet per second versus full capacity of 760 cubic

feet per second.

DISCUSSION:

Staff will provide the Board with an update on the status of the repairs, anticipated schedule for completion, and water supply availability. PCWA and Nevada Irrigation District will be drawing from existing storage supplies in Rollins Reservoir and other small reservoirs below Lake Spaulding. These reservoirs are currently full, but as runoff drops off in the coming weeks these reservoir levels will begin to drop. To minimize the impacts to Rollins Reservoir and use of PCWA water supplies from PG&E, staff will utilize available resources such as the American River Pump Station, interties with neighboring water agencies, increased groundwater pumping, and voluntary reductions of untreated water deliveries. Consistent with the Agency's Rules & Regulations, staff has communicated the option to decrease untreated water deliveries to those customers at the 2 miners' inch service level and above. Staff proposes to broaden the option to temporarily reduce or suspend untreated water deliveries during the 2024 Summer Irrigation season to all untreated water customers.

The Agency currently offers customers who receive untreated deliveries the option to apply for an increase or decrease to their delivery rate (Section 40405 Delivery Orifice Change). The Rules and Regulations currently only allow for a temporary reduction to those customers who receive between 2 and 19 miners' inches. This miners' inch constraint was initially created to maximize operational efficiencies related to staffing levels and current workload. The request today seeks a variance to this section that would temporarily broaden the option to reduce untreated water delivery to more of our untreated water customers. The eligibility would apply to those current customers who received summer deliveries last year, and to those customers who planned to take delivery during this summer irrigation season.

The proposed criteria for participation includes the following:

Customers with 1 miners' inch and < 2 miners' inch

1. Customer must reduce in ½ miners' inch increments.
2. Customer may request one adjustment to return to their original delivery amount after August 15th.
3. Once original delivery is restored, no further adjustments will be allowed for 30 days.
4. Full delivery will resume at the end of the summer season for year-round customers or the following summer season for those who receive summer only deliveries.
5. No service fees will be charged to reduce or to return to normal delivery.
6. If a customer chooses to participate it is understood that this is a temporary

decrease with no future impact on what they currently purchase.

Customers with ½ miners' inch

1. Must decrease entire delivery amount.
2. Customer may request one adjustment to return to their original delivery amount after August 15th.
3. Once original delivery is restored, no further adjustments will be allowed.
4. Full delivery will resume at the end of the summer season for year-round customers or the following summer season for those who receive summer-only deliveries.

Bills to those customers who participate in this voluntary reduction would be temporarily reduced to reflect their new delivery amount. If this item is approved, staff will use a direct mail campaign to notify all our untreated water customers of their option to temporarily suspend or reduce their summer season deliveries.

FISCAL IMPACT:

The actions proposed to conserve water supplies from PG&E will result in increased pumping costs for the American River Pump Station, increased water purchase costs from neighboring water agencies, and reduced revenues from water sales due to conservation and groundwater pumping. Funding for these increased operating expenses will come from Water Operations and Agency Wide Reserves - Operating.

MEMORANDUM

TO: Board of Directors

FROM: Katie Swanberg, Energy Marketing Manager

DATE: April 8, 2024

RE: Annual NERC/WECC Compliance Report

RECOMMENDATION:

Information only, no action required.

BACKGROUND:

On April 18, 2013, PCWA's Board of Directors adopted Resolution 13-11 approving an Internal Compliance Program (ICP) for the Middle Fork Project to facilitate compliance with North American Electric Reliability Corporation energy industry regulations. The 2023 Annual Compliance Assessment, prepared by Grid Subject Matter Experts in consultation with Agency staff, summarizes the Agency's compliance record for the past calendar year.

The ICP is in its 11th year of operation; PCWA was fully compliant with all applicable Reliability Standards in 2023.

ATTACHMENTS:

Description	Upload Date	Type
PCWA Annual Compliance Assessment Report 2023	4/9/2024	Backup Material
Presentation	4/9/2024	Backup Material



Placer County Water Agency Annual Compliance Assessment

Assessment Prepared on:

March 2024

Prepared By:

Grid Subject Matter Experts

**Report on Compliance with the NERC and
WECC Reliability Standards applicable to
Placer County Water Agency for 2023.**

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EXECUTIVE SUMMARY

Agency Overview

The Placer County Water Agency (PCWA) continues to be successful in meeting the compliance requirements set by the North American Electric Reliability Corporation (NERC) and Western Reliability Coordinating Council (WECC) for its Generator Owner (GO) and Generator Operator (GOP) functions. In 2023, PCWA continued its efforts to maintain compliance with applicable Reliability Standards by implementing and refining policies and procedures aimed at reducing regulatory, reliability, and security risks. This report outlines PCWA's reliability compliance activities in 2023 and discusses the anticipated efforts required in 2024 and beyond to ensure ongoing compliance with NERC and WECC Reliability Standards.

Scope

This compliance report provides an annual assessment of PCWA's adherence to NERC and WECC mandatory Reliability Standards throughout 2023. It is a requirement of PCWA's Internal Compliance Program (ICP) and serves to inform management and the Board of Directors about the PCWA's compliance status. The assessment outlines PCWA's reliability compliance efforts in 2023 and outlines future requirements to maintain compliance with NERC and WECC standards. It relies on written narratives, selected documentation, and evidence provided by PCWA personnel in January 2024 regarding compliance status for specific Generator Owner (GO) and Generator Operator (GOP) NERC Standards.

Findings

GridSME's review of PCWA's responses and evidence related to its NERC/WECC compliance program indicates that PCWA is substantially in compliance with all relevant regulatory requirements as of this assessment. GridSME plans to continue its collaboration with PCWA in 2024, suggesting updates to policies, procedures, and attestations to account for program development, new Standards, and evolving operational or compliance needs. The review highlights specific Reliability Standards that will demand PCWA's focus in 2024 and beyond to ensure ongoing compliance ahead of upcoming enforcement dates, with detailed information on impending changes available in Section 4.0 ("Looking Ahead") of the assessment.

1.0 PCWA COMPLIANCE ACTIVITIES YEAR IN REVIEW

1.1 ICP Activities

PCWA's ICP team is comprised of PCWA management representing Power System Operations, Technical Services – Information Technology division, and the NERC Compliance Administrator. As stated above, this annual assessment has been prepared under the requirements of PCWA's ICP. Throughout 2023, PCWA's ICP team discussed current and pending NERC and WECC reliability compliance issues, areas of possible non-compliance, and other associated issues affecting PCWA's electric operations.

Under the Coordinated Functional Registration (CFR) Agreement with Northern California Power Agency (NCPA), effective January 1, 2018, PCWA and NCPA have allocated complete and partial responsibility for certain Requirements applicable to the GOP function (CFR000555). PCWA and NCPA completed an update to the CFR to account for changes in the requirements during 2018

and 2019. The update was accepted by WECC on April 1, 2019, and approved by NERC on October 28, 2020. PCWA and NCPA determined that changes were necessary as of June 2023 and will submit the CFR updates to NERC for approval in 2024.

1.2 Data Submittals

In accordance with WECC and NERC periodic submittal requirements, PCWA data submittals for applicable Requirements occurred as detailed below. **PCWA made all required submittals on a timely basis.**¹

Applicable Standard	Item	Periodicity	Submissions
PRC-004-6	GO Reporting – Protection System Misoperation Identification and Correction	Quarterly (Due 60 days following the end of each quarter)	Completed for Q1 on 5/4/2023 Completed for Q2 on 7/31/2023 Completed for Q3 on 10/30/2023 Completed for Q4 on 1/09/2023

1.3 NERC Alerts

NERC Alerts are initiated by NERC to advise industry of emerging or developing threats to the reliability of the Bulk Electric System (BES). Two alerts were issued by NERC during 2023 (listed in the table below) that required a response from PCWA as a GO.

Alert Type	Title	Action
Essential Actions to Industry	Cold Weather Preparations for Extreme Weather Events III	Acknowledged on 5/15/2023 Responded on 9/11/2023
Industry Recommendation	Inverter-Based Resource Performance Issues	Acknowledged on 3/23/2023 Responded on 3/23/2023

1.4 Additional WECC Reporting

PCWA was not required to submit a WECC annual entity questionnaire in 2023.

1.5 Compliance Entity Mapping

Entity Role	Entity Name
Balancing Authority (BA)	California Independent System Operator (CAISO)
Generator Operator (GOP)	NCPA
Planning Coordinator (PC)	CAISO
Point of Interconnection Transmission Owner (TO)	Pacific Gas & Electric Company (PG&E)
Regional Entity (RE)	WECC
Reliability Coordinator (RC)	RC West
Transmission Operator (TOP)	PG&E/CAISO
Transmission Planner (TP)	PG&E

¹ PCWA has not been required to submit quarterly reports for PRC-023-4, R5, due to its lack of ownership of the respective applicable equipment.

2.0 GENERATOR OWNER RELIABILITY STANDARDS COMPLIANCE

2.1 2023 PCWA GO/GOP Reliability Standards

Below are the Reliability Standards containing Requirements applicable to PCWA as a GO/GOP during the assessment period:

Reliability Standard	GO/GOP Applicability	Standard Description
CIP-002-5.1a²	GO/GOP	Cyber Security – BES Cyber System Categorization
CIP-003-8	GO/GOP	Cyber Security – Security Management Controls
COM-001-3	GOP	Communications
COM-002-4	GOP	Operating Personnel Communications Protocol
EOP-004-4	GO/GOP	Event Reporting
EOP-005-3	GOP	System Restoration from Blackstart Resource
FAC-001-3	GO	Facility Interconnection Requirements
FAC-002-3	GO	Facility Interconnection Studies
FAC-003-4	GO	Vegetation Management
FAC-008-5	GO	Facility Ratings
IRO-001-4	GOP: NCPA Only	Reliability Coordination – Responsibilities and Authorities
IRO-010-3 (retired early 2023) IRO-010-4³ (active)	GO/GOP	Reliability Coordinator Data Specification and Collection
MOD-025-2	GO	Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability
MOD-026-1	GO	Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions
MOD-027-1	GO	Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions
MOD-032-1	GO	Data for Power System Modeling and Analysis
PER-005-2	GOP: NA	Operations Personnel Training
PER-006-1	GOP	Specific Training for Personnel
PRC-002-2	GO	Disturbance Monitoring and Reporting Requirements
PRC-004-6	GO	Protection System Misoperation Identification and Correction
PRC-005-6	GO/GOP	Protection System, Automatic Reclosing, and Sudden Pressure Relaying
PRC-012-2	GO	Remedial Action Schemes
PRC-017-1	GO	Remedial Action Scheme Maintenance and Testing
PRC-019-2	GO	Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
PRC-023-4	GO	Transmission Relay Loadability
PRC-024-3	GO	Generator Frequency and Voltage Protective Relay Settings
PRC-025-2	GO	Generator Relay Loadability
PRC-026-1	GO	Relay Performance During Stable Power Swings

² CIP-002-5.1a, CIP-003-8, EOP-004-4, IRO-010-4, and TOP-003-5 apply to both the GO and GOP functions but do not require different actions for each function.

³ NCPA and PCWA share partial responsibility for IRO-010-4 R3 under the current CFR.

PRC-027-1	GO	Coordination of Protection Systems for Performance During Faults
TOP-001-5	GOP	Transmission Operations
TOP-003-4⁴ (retired early 2023) TOP-003-5 (active)	GO/GOP	Operational Reliability Data
VAR-001-5	GOP: NCPA Only	Voltage and Reactive Control
VAR-002-4.1	GO GOP: NCPA Only	Generator Operation for Maintaining Network Voltage Schedules
VAR-501-WECC-3.1	GO/GOP	Power System Stabilizer (PSS)

2.2 Reliability Standards or Regional Criterion for which PCWA Maintains Attestations

For the following Reliability Standards, PCWA maintains an attestation as evidence that the Standard or Requirements therein are not applicable to PCWA. For some Standards, an attestation may be maintained in conjunction with other procedure or policy documentation. PCWA updated all its attestations in 2021 to reflect current conditions and relationships with other entities and developed new attestations to cover other Reliability Standards that PCWA does not have obligations under.

Reliability Standard	Requirement(s)	Date of Attestation
CIP-003-8	R4	January 13, 2021
EOP-004-4	R2	January 13, 2021
EOP-005-3	R11-R16	January 13, 2021
FAC-001-3	R2, R4	January 13, 2021
FAC-002-3	R2, R5	January 13, 2021
FAC-003-4		January 13, 2021
FAC-008-5	R7, R8	January 13, 2021
IRO-010-4	R3	March 16, 2021
MOD-026-1	R3-R5	May 10, 2021
MOD-027-1	R2-R4	May 10, 2021
PRC-002-2	R2-R5, R7	January 13, 2021
PRC-005-6	R2, R4, R5	January 13, 2021
PRC-012-2		April 8, 2021
PRC-017-1		April 8, 2021
PRC-017-1	R1	January 13, 2021
PRC-023-4		January 13, 2021
PRC-024-3	R3	January 13, 2021
PRC-026-1		January 13, 2021
TOP-003-5	R5	May 19, 2021
VAR-002-4.1	R4-R6	January 13, 2021

⁴ NCPA and PCWA share partial responsibility for TOP-003-5 R5 under the current CFR.

2.3 Analysis of Compliance to Applicable Reliability Standards

CIP-002-5.1a – Cyber Security – BES Cyber System Categorization

Summary of Standard

Reliability Standard CIP-002-5.1a requires the identification and evaluation of BES Cyber Systems as assessed against the Impact Rating Criteria included in Attachment 1 to CIP-002-5.1a.

Analysis

PCWA has completed the BES Cyber System Categorization Procedure and has no medium or high impact BES Cyber Systems and therefore the PCWA BES Cyber Systems are classified as low impact BES Cyber Systems.

PCWA must conduct a BES Cyber System analysis and approval by the CIP Senior Manager (CSM) of the BES Cyber Systems at least once every 15 calendar months. The CSM (David Russell) reviewed and approved the BES Candidate Asset List Evaluation on December 18, 2023, satisfying the 15-calendar month requirement. The next review is to occur by the end of December 2024.

CIP-003-8 – Cyber Security – Security Management Controls

Summary of Standard

Requirements R1.2 and R2 (and the corresponding Attachment 1) require PCWA to have certain security controls to protect their BES Cyber Systems, including one or more documented cyber security policies and plans.

Analysis

Cyber Security Policy

For low impact BES Cyber Systems, PCWA developed and maintains a Cyber Security Policy addressing the following topics: 1) cyber security awareness; 2) physical security controls; 3) electronic access controls; 4) incident response to a Cyber Security Incident; 5) Transient Cyber Assets and Removable Media; and 6) CIP Exceptional Circumstances. PCWA's Policy includes attachments that address each of these topics.

Requirement R1 requires PCWA to review its Cyber Security Policy at least once every 15 calendar months and obtain CIP Senior Manager approval and was completed on August 18, 2023.

Cyber Security Awareness

Cyber Security Awareness materials distributed in 2023:

- Posters hung on 9/6/2023.
- The CSM sent out company-wide email on the following topic:
 - Social Engineering Cyber-Attacks are making headlines on 9/21/2023.

Incident Response

PCWA maintains a stand-alone Cyber Security Incident Response Plan (CSIRP). PCWA did not experience a NERC defined Reportable Cyber Security Incident in 2023 requiring activation of the CSIRP. The CIP-003 Low Impact Cyber Security Policy and EOP-004 Event Reporting Procedure were both updated on August 18, 2023.

PCWA conducted a CSIRP tabletop exercise on January 23, 2023, in accordance with Requirement R2 and guidance from NERC and WECC to host the exercise within 36-months. The next exercise will be in January 2026.

CIP Senior Manager Designation

In accordance with R3, which requires entities to designate a CIP Senior Manager, PCWA designated David Russell, PCWA's Information Technology Manager, as the CIP Senior Manager (CSM) on December 12, 2019, by then PCWA General Manager Einar Maisch.

Additionally, PCWA has implemented a documented process to delegate authority in accordance with Requirement R4. During 2023 there were no delegations of CIP Senior Manager authority.

COM-001-3 – Communications

Summary of Standard

This Standard requires GOPs to have Interpersonal Communication capability with its BA and TOP (R8), for the exchange of information necessary for reliable BES operation, which includes communication capabilities between Control Centers within the same functional entity, and/or between Control Centers and field personnel (R12). Upon detecting a failure of its Interpersonal Communication capability, the GOP shall consult each entity affected by the failure to determine a mutually agreeable action for restoring Interpersonal Communication capability (R11).

Analysis

Due to the nature of this Standard – requiring communication with the TOP and BA – NCPA continues to hold complete responsibility for complying with R8 and R11 under the terms of the CFR Agreement, with no change in 2023. PCWA maintains Interpersonal Communications capabilities with NCPA as per the terms in the CFR for R12.

COM-002-4 Operating Personnel Communications Protocols

Summary of Standard

COM-002-4 includes requirements for GOPs to provide initial training for operating personnel and utilize three-part communications when receiving Operating Instructions.

Analysis

PCWA and NCPA accepted the Requirements under this Standard and each “separately and wholly maintain compliance” with applicable requirements under the CFR Agreement. PCWA

provides initial training to its operators to use three-part communications for Operating Instructions.

PCWA received Operating Instructions during an Emergency in 2022 relating to the Mosquito Fire within PCWA's watershed and near hydroelectric generators necessitating the use of three-part communication. Recorded calls between NCPA and PCWA to verify that three-part communication was used.

EOP-004-4 – Event Reporting

Summary of Standard

EOP-004-4 requires GOs and GOPs to maintain an event-reporting Operating Plan and report qualifying events within 24 hours of recognition of meeting an event-type threshold.

Analysis

Under the CFR Agreement with NCPA, PCWA is responsible for EOP-004-4 as it pertains to its own Facilities and operations. PCWA will notify NCPA and local law enforcement, as necessary, in accordance with its Emergency Operations Plan.

During 2023, PCWA did not experience any events triggering its EOP or any suspicious events that warranted investigation to determine if they were reportable.

EOP-005-3 – System Restoration from Blackstart Resource

Summary of Standard

This Standard is designed to ensure Facilities and personnel are prepared to enable System restoration from Blackstart Resources to assure reliability is maintained during restoration, with numerous requirements applicable to GOPs with a Blackstart Resource.

Analysis

GridSME's understanding is that the requirements applicable to GOPs with a Blackstart Resource are not applicable to PCWA. While PCWA owns Blackstart capable units it does not maintain a Blackstart Resource that is part of any TOP's system restoration plan nor have a Blackstart Resource Agreement with any TOP. There were no changes to PCWA's status in this regard in 2023.

Additionally, PCWA was not requested by its RC to participate in any restoration drills, exercises, or simulations (R16) in 2023.

PCWA maintains an attestation for EOP-005-3 (dated January 13, 2021) affirming these items.

FAC-001-3 – Facility Connection Requirements

Summary of Standard

This Standard requires applicable GOs to establish Facility interconnection requirements for entities seeking to interconnect. FAC-001-3 applied to GOs with a fully executed Agreement to conduct a study on the reliability impact of interconnecting a third-party Facility to the GO's existing Facility.

Analysis

PCWA maintains an attestation for FAC-001-3 (dated January 13, 2021) asserting this Standard does not apply to PCWA as PCWA does not currently have "an executed Agreement to evaluate the reliability impact of interconnecting a third-party Facility to the GO's existing Facility that is used to interconnect to the interconnected Transmission systems."

FAC-002-3 – Facility Interconnection Studies

Summary of Standard

This Standard requires applicable GOs to study the impact of interconnecting new or materially modified Facilities on the Bulk Electric System. FAC-002-3 applies to GOs with a fully executed Agreement to conduct a study on the reliability impact of interconnecting a third-party Facility to the GO's existing Facility.

Analysis

PCWA maintains an attestation for FAC-002-3 (dated January 13, 2021) asserting this Standard does not apply to PCWA because it was not planning to integrate new applicable Facilities. PCWA did not seek to interconnect new generation Facilities during 2023 or materially modify existing interconnections of generation Facilities, nor did PCWA receive any requests for interconnections to its Facilities in 2023.

FAC-003-4 – Transmission Vegetation Management

Summary of Standard

FAC-003-4 intends to prevent transmission outages by requiring applicable entities to develop and implement a Transmission Vegetation Management program to prevent encroachments into the right-of-way. This Reliability Standard is primarily aimed at Transmission Owners but certain GOs that also own high-voltage (greater than 200 kV) overhead transmission lines at least one mile long or with no line of sight between the generator and the interconnection point are also impacted by this standard.

Analysis

PCWA does not own any generator tie-lines and is therefore exempt from this Standard. PCWA maintains an attestation (dated January 13, 2021) stating the Standard does not apply to PCWA's Ralston or Middle Fork Facilities. There were no changes in 2023 regarding the non-applicability of this Standard to PCWA.

FAC-008-5 – Facility Ratings

Summary of Standard

The purpose of FAC-008-5 is to ensure that Facility Ratings used in the reliable planning and operation of the Bulk Electric System are based on technically sound principles, the ratings are used to effectively plan future infrastructure and develop System Operating Limits. Accordingly, this Standard requires PCWA to have a documented methodology for determining its Facility Ratings, a documented Facility Rating(s), and a documented most limiting element.

Analysis

PCWA has compiled evidence including functional tests on Ralston (March 14, 2013) and Middle Fork (June 14, 2013) equipment. PCWA made no changes or modifications to its Facilities in 2023 that necessitated updates to its Facility Ratings documentation.

PCWA was not required to provide its Facility Ratings to any third-party entities as scheduled in 2023, nor did PCWA receive a request from any such entities for its Facility Ratings and identity of the most limiting equipment in 2023.

PCWA maintains an attestation for this Standard (dated January 13, 2021), for the purpose of asserting that it had not been asked to provide either its Facility Ratings or its methodology to its RC, BA, or TOP.

IRO-001-4 – Reliability Coordination Responsibilities

Summary of Standard

Requirement R2 of IRO-001-4 requires that a GOP comply with directives from its RC unless such actions would violate safety, equipment, or regulatory or statutory requirements. Under those enumerated circumstances, the GOP must immediately inform the RC of the inability to perform the directive so that the RC may implement alternate remedial actions.

Analysis

This requirement continues to be performed solely by NCPA, which accepted responsibility for this activity under the terms of the applicable CFR Agreement.

IRO-010-4 – Reliability Coordinator Data Specification and Collection

Summary of Standard

IRO-010-4 Requirement R3 requires GOs and GOPs to submit data to their Reliability Coordinator (RC) upon request in a mutually agreeable format, following a mutually agreeable process, and utilizing a mutually agreeable security protocol.

Analysis

PCWA's Reliability Coordinator, RC West maintains its own data request, procedure 120A which contains no data requirements for the GO and one item (Request number 2.11) applicable to GOP.

This GOP requirement is satisfied by the BA (CAISO) per the BA's TOP-003 Data Request described below.

NCPA has accepted partial responsibility for this Standard on behalf of the GOP function under its CFR Agreement. PCWA maintains an attestation for this Standard (dated March 16, 2021), for the purpose of asserting that it has not been asked to provide data to its Reliability Coordinator.

MOD-025-2 – Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability

Summary of Standard

The purpose of this Standard is to ensure that accurate information on generator gross and net Real and Reactive Power capability and synchronous condenser Reactive Power capability is available for planning models used to assess Bulk Electric System (BES) reliability.

MOD-025-2 requires GOs to provide its TP with verification of the real and reactive power capability of applicable Facilities.

Analysis

PCWA completed its MOD-025 testing on the following timeline:

Facility	Test Due Date	Test Completion/Scheduled
Middle Fork	June 2023	December 14, 2023
Ralston	December 2023	Spring 2024

PCWA was scheduled to complete testing before the June 2023 deadline but was not completed by this date due to the Mosquito Fire. All Middle Fork Project generators were offline for a period of months, and between the fire damage and heavy winter rains, roads into the project were also an issue. PCWA staff spent the first six months post-fire working to get everything in place for line restoration. Once the generators were back online, PCWA secured contracts for model testing and scheduled appropriate testing. It was determined that since the testing would have taken place had the Mosquito Fire not occurred, it did not rise to the level of requiring a self-report.

PCWA did not make any modifications to applicable Facilities warranting MOD-025 testing of real or reactive power capability during 2023.

MOD-026-1 - Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions

Summary of Standard

The purpose of this Standard is to verify that the generator excitation control system or plant volt/var control function model (including the power system stabilizer model and the impedance compensator model) and the model parameters used in dynamic simulations accurately represent the generator excitation control system or plant volt/var control function behavior when assessing Bulk Electric System (BES) reliability.

MOD-026-1 Requirement 2 requires GOs to provide its TP with a verified generator excitation control system or plant volt/var control function model for each applicable unit, including documentation and data specified in Part 2.1.

Analysis

PCWA submitted an email including its verified modeling information to its TP on June 5, 2018.

No affirmative action is required for Requirements R3, R4, or R5 as of this assessment. The TP has not made any request for information or changes to the data submitted by PCWA in 2018; nor has PCWA made any change in 2023 to its excitation control system or plant volt/var control function that required it to provide revised modeling data.

PCWA maintains an attestation for this Standard (dated May 10, 2021), for the purpose of asserting that it had not received written notification from the TP that submitted data has any technical concerns.

MOD-027-1 - Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions

Summary of Standard

The purpose of this Standard is to verify that the turbine/governor and load control or active power/frequency control model and the model parameters, used in dynamic simulations that assess Bulk Electric System (BES) reliability, accurately represent generator unit real power response to system frequency variations.

MOD-027-1 Requirement 2 requires GOs to provide its TP with a verified turbine/governor and load control or active power/frequency control model for each applicable unit, including documentation and data specified in Part 2.1.

Analysis

PCWA submitted an email including its verified modeling information to its TP on June 5, 2018.

No affirmative action is required for Requirements R3 or R4 as of this assessment. The TP has not made any request for information or changes to the data submitted by PCWA in 2018; nor has PCWA made any change in 2023 to its turbine/governor and load control or active power/frequency control system that required it to provide revised modeling data.

PCWA maintains an attestation for this Standard (dated May 10, 2021), for the purpose of asserting that it had not received written comments from the Transmission Planner, did not revise model data. PCWA does plan to update model data in 2024.

MOD-032-1 – Data for Power System Modeling and Analysis

Summary of Standard

Requirement R2 of this Standard requires GOs to “...provide steady-state, dynamics, and short circuit modeling data to its Transmission Planner(s) and Planning Coordinator(s) according to the data requirements and reporting procedures developed by its Planning Coordinator and Transmission Planner in Requirement 1. For data that has not changed since the last submission, a written confirmation that the data has not changed is sufficient.”

Analysis

PCWA conducted the applicable modeling for R2 through its obligations to the previously enforceable Reliability Standards MOD-010 and MOD-012 and subsequent modeling performed by Kestrel at the time of excitation upgrades in 2015 and 2017.

PCWA submitted its written confirmation to its TP on November 13, 2023, that data had not changed since its last submission in 2020.

Requirement R3 requires action if PCWA receives written notification from CAISO or PG&E with technical concerns with the data submitted under Requirement R2, including the technical basis or reason for the technical concerns. In such an instance PCWA would be required to respond to such notification within 90 days.

As part of the ongoing Transmission Planning Process with CAISO, PCWA has been in contact with CAISO since the Mosquito Fire to keep them updated of when to expect updated modeling data due to the model testing that took place in winter and spring of 2023/2024.

PCWA continues to comply with all deadlines and is in communication with CAISO regularly to inform them of PCWA’s modeling efforts.

PER-005-2 – Operations Personnel Training

Summary of Standard

PER-005-2 includes GOPs in its training requirements to use a Systematic Approach to Training. This applicability is limited, however, to GOPs with:

Dispatch personnel at a centrally located dispatch center who receive direction from the Generator Operator’s Reliability Coordinator, Balancing Authority, Transmission Operator, or Transmission Owner, and may develop specific dispatch instructions for plant operators under their control. These personnel do not include plant operators located at a generator plant site or personnel who relay dispatch instructions without making modifications. (emphasis added)

Analysis

PER-005-2 does not apply to PCWA as it does not have the types of dispatch personnel indicated in the applicability section of the Standard. The CFR Agreement with NCPA lists this Standard as “N/A,” and NCPA is responsible for ensuring its staff are properly trained, as applicable.

PER-006-1 – Specific Training for Personnel

Summary of Standard

PER-006-1 became enforceable on 4/1/2021 and moves the training requirement for Protection Systems with slight modifications from the now retired PRC-001-1.1(ii) to the new Standard. R1 requires the GOP to provide training on the ‘operational functionality of Protection Systems and Remedial Actions Schemes that affect the output of the facilities they operate’.

Analysis

When the CFR is updated in 2024, PCWA and NCPA both have “Normal” responsibilities for Requirement R1

- R1 - both NCPA and PCWA are responsible for ensuring their own applicable staff receive training on the operational functionality of Protections Systems and Remedial Actions Schemes.

To satisfy Requirement R1, PCWA hosts training for system operators addressing powerhouse fundamentals and basic electricity for operators, as well as operational functionality of Protection Systems and Remedial Action Schemes. Prior to 2022, operators attended similar courses offered by PG&E.

During 2023 PCWA did not make any changes to Protection Systems or incorporate new operational functionality. PCWA facilities are not connected to any Remedial Action Schemes owned by PCWA or others.

PRC-002-2 – Disturbance Monitoring and Reporting Requirements

Summary of Standard

This Standard requires applicable GOs to have a sequence of event or fault recording data if related to specific BES buses identified by the respective TO.

Analysis

PCWA does not interconnect to any BES buses identified by the TO as requiring a sequence of event or fault recording devices or data, in accordance with Requirement R1. PCWA maintains an attestation (dated January 13, 2021) affirming this standard is not applicable to PCWA. Nothing occurred in 2023 to change PCWA’s obligations under this Standard.

PRC-004-6 – Protection System Misoperation Identification and Correction

Summary of Standard

The purpose of this Standard is to identify and correct the causes of Misoperations of Protection Systems for Bulk Electric System (BES) Elements.

This standard requires PCWA to analyze its BES generators and generator interconnection Facilities' Protection System operations to determine whether a Misoperation may have occurred. If a determination is made that an operation was a Misoperation, PCWA must develop and implement a Corrective Action Plan to avoid similar future Misoperations.

Analysis

PCWA implemented the most recent version of its Misoperations procedure on June 28, 2016. PCWA did not experience any Misoperations of applicable Protection Systems in 2023. PCWA reviewed all event reports to determine if a Misoperation occurred and maintains all breaker operations in its PI Historian.

PCWA completed quarterly MIDAS filings with NERC indicating whether there were any operations (or Misoperations) of applicable Protection Systems during the previous quarter, as follows:

- Completed for Q1 on 5/4/2023
- Completed for Q2 on 7/31/2023
- Completed for Q3 on 10/30/2023
- Completed for Q4 on 1/9/2024

PRC-005-6 – Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance

Summary of Standard

The purpose of PRC-005-6 is to ensure all transmission and generation Protection Systems affecting the reliability of the BES *are kept in working order*. PRC-005 in all its various forms remains one of the most violated Reliability Standards. This Standard requires applicable entities to have and implement a Protection System Maintenance Program (PSMP) that includes maintenance and testing for all Protection System Components, and to implement that program in a manner that ensures the intervals are not exceeded.

Analysis

PCWA's PSMP is a time-based maintenance program for all PCWA's BES Protection Systems and their associated elements. PCWA's Hydro Engineer-Electrical maintains a shared evidence folder of all maintenance and testing activities which is shared with PCWA Compliance personnel.

PCWA indicated that it maintains evidence of all battery checks and Protection System maintenance conducted in 2023.

Yes, PCWA replaced the following protection system devices:

1. Commissioned new battery bank at the Ralston PH, in July 2023.
2. Commissioned new Generator Circuit Breaker Unit 1 [Two new Trip coils] at Middle Fork PH, in November 2023

3. Commissioned new Generator Circuit Breaker Unit 2 [Two new Trip Coils] at Middle Fork PH, in November 2023

PCWA's PSMP is being updated in 2024 to reflect the updates captured above. PCWA's PSMP was last updated on December 18, 2018, to reflect the six-year (instead of five-year) requirement to load test battery banks. PCWA did not have any Unresolved Maintenance Issues occur in 2023.

PCWA maintains an attestation (dated January 13, 2021) asserting that it has elected to not use a performance-based maintenance methodology for its PSMP.

PRC-012-2 – Remedial Action Schemes; PRC-017-1 – Remedial Action Scheme Maintenance and Testing

Standard Summary

These Standards require specific activities and obligations for GOs that own Remedial Action Schemes (RAS).

Analysis

PCWA does not own or operate any RAS and its Facilities are therefore not subject to these Standards. PCWA maintains an attestation (dated April 8, 2021) affirming this fact. Nothing occurred in 2023 to change PCWA's obligations under this Standard.

PRC-017-1 – Disturbance Monitoring Equipment Installation and Data Reporting

Summary of Standard

PRC-017-1 aims to ensure that properly designed Remedial Action Schemes (RAS) meet performance requirements and are coordinated with other protection systems. To ensure that maintenance and testing programs are developed and misoperations are analyzed and corrected.

Analysis

PCWA does not own or operate RAS equipment and is therefore not subject to this Standard. PCWA maintains an attestation (dated January 13, 2021) affirming this fact. Nothing occurred in 2023 to change PCWA's obligations under this Standard.

PRC-019-2 – Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection

Summary of Standard

The purpose of the Standard is to verify coordination of generating unit Facility or synchronous condenser voltage regulating controls, limit functions, equipment capabilities and Protection System settings.

PRC-019-2 requires GOs to coordinate the voltage regulating system controls, (including in-service limiters and protection functions) with the applicable equipment capabilities and settings of applicable Protection System devices and functions.

PRC-027-1 – Coordination of Protection Systems for Performance During Faults

Summary of Standard

The purpose of this standard is to support the coordination of Protection Systems installed to detect and isolate Faults on BES Elements by ensuring that those Protection Systems operate in the intended sequence during Faults.

PCWA developed and finalized its Protection System Coordination Procedure in March 2021 and selected the six-year interval in which it will perform a Protection System Coordination Study, to be completed by 2027.

Analysis

In 2016, PCWA's Hydro Engineer-Electrical verified that all the Protection System settings for PCWA's applicable Protection System devices were set in accordance with PRC-019-2. There were no changes to Protection Systems, electrical equipment, or settings in 2023 which would impact settings coordination under this Standard. The R1 required five-year coordination review and verification for the Middle Fork units was completed in December of 2020 and the next review is due in 2025. The evaluation of PCWA's Protection System settings for Ralston was completed in December of 2022, and the next review is due in 2027.

PCWA maintains an attestation for this Standard (dated May 10, 2021), that it did not identify or implement systems or settings changes that affect the coordination performed in R1.

PRC-023-4 – Transmission Relay Loadability

Summary of Standard

PRC-023-4 addresses transmission relay loadability and establishes Requirements for GOs, but only applies to a limited set of generators that meet certain threshold criteria (generally, connected to transmission at or above 200 kV) and have a load-responsive phase protection system).

Analysis

This Standard is not applicable to PCWA because PCWA does not own or operate any of the Facilities or Elements addressed by the Standard. PCWA maintains an attestation for PRC-023-4 (dated January 13, 2021) affirming this fact. Nothing occurred in 2023 to change PCWA's obligations under this Standard.

PRC-024-3 – Generator Frequency and Voltage Protective Relay Settings

Summary of Standard

The purpose of PRC-024 is to Ensure that Generator Owners set their generator protective relays such that generating units remain connected during defined frequency and voltage excursions.

Analysis

PCWA's Hydro Engineer-Electrical reviewed PCWA's relay settings prior to July 1, 2016, the date this standard became enforceable. PCWA determined that the protective relays tolerance ranges are set within the acceptable limits in accordance with PRC-024-3.

PCWA did not make any relay replacements or changes to relay settings during 2023 since the settings were last documented. PCWA did not receive any requests for its relay settings in 2023.

PCWA maintains an attestation (dated January 13, 2021), that it has not identified any regulatory or equipment limitations that prevent it from meeting R1 and R2.

PRC-025-2 – Generator Relay Loadability

Summary of Standard

The purpose of PRC-025-2 is to set load-responsive protective relays associated with the generation Facility at a level to prevent unnecessary tripping of generators during a system disturbance for conditions that do not pose a risk of damage to the associated equipment.

Requirement R1 requires GOs to apply relay settings on applicable equipment that are in accordance with PRC-025-2 – Attachment 1: Relay Settings.

Analysis

PCWA reviewed all applicable devices and has determined it was in compliance with PRC-025-2, the predecessor version of PRC-025-2 which became effective October 1, 2018.

TOP-001-5 – Transmission Operations

Summary of Standard

This Standard requires that the GOP comply with Operating Instructions issued by the TOP and BA, unless such actions would violate safety, equipment, regulatory or statutory requirements.

Analysis

NCPA maintains the complete responsibility for the Requirements in TOP-001-5 under the CFR Agreement with PCWA.

TOP-003-5 – Operations Reliability Data

Summary of Standard

Requirement R5⁵ of TOP-003-5 requires that information submitted by responsible entities, including GOs, and GOPs, in response to a "data specification" from its BA and TOP, shall submit

⁵ NCPA and PCWA share partial responsibility for TOP-003 R5 under the current CFR.

such information in “a mutually agreeable format; a mutually agreeable process for resolving data conflicts; and a mutually agreeable security protocol.”

Analysis

PCWA as a GO, has three specific items, all related to modeling which are satisfied by PCWA’s MOD-025 submission. PCWA monitors changes to CAISO Procedure *3140A TOP-BA Data Request and Specifications for Data Provision* for changes to the data specification. There were no changes made to CAISO’s TOP-003 data specifications (CAISO Procedure 3140A) necessitating additional PCWA data reporting during 2023.

As GOP, responsibility is shared with NCPA under the current CFR (“Partial”). PCWA, as a Scheduling Coordinator (SC) is responsible for reporting all outages of its’ Facilities in accordance with the CAISO tariff. PCWA scheduled and reported all outages as required in 2023. NCPA has GOP responsibility under the CFR to ensure all other data identified in CAISO’s TOP-003 data specifications document are provided to the CAISO.

VAR-001-5 – Voltage and Reactive Control

Summary of Standard

In the Western Interconnection, GOPs have been added to the list of applicable entities for the Standard via a Regional Variance. As a result, the Standard has two applicable requirements for GOPs in WECC. Specifically, GOPs must (1) provide its voltage set point conversion methodology within 30 calendar days of a request by its TOP (EA 15); and (2) meet certain control loop specifications if control loops are used external to the Automatic Voltage Regulators to manage MVar loading (EA 17).

Analysis

NCPA maintains responsibility for EA 15 and EA 17 under the CFR Agreement, and there was no change to NCPA’s responsibility in 2023. Additionally, EA 17 does not apply to PCWA as no control loops are used to control PCWA’s hydroelectric Facilities.

VAR-002-4.1 – Generation Operation for Maintaining Network Voltage Schedules

Summary of Standard

The purpose of VAR-002-4.1 is to ensure generators provide reactive support and voltage control, within generating Facility capabilities, in order to protect equipment and maintain reliable operation of the Interconnection.

GOs are required to provide their TOP and TP with certain information regarding their step-up and auxiliary transformers within 30 calendar days of a request and ensure that transformer tap positions are changed according to the specifications provided by the TOP. GOs are also responsible for ensuring that transformer tap positions are changed according to the

specifications provided by the TOP, unless such action would violate safety, an equipment rating, a regulatory requirement, or a statutory requirement.

GOPs have four requirements (R1-R4). They must: operate each generator connected to the interconnected transmission system in the automatic voltage control mode (automatic voltage regulator in service and controlling voltage) with certain limited exceptions (R1); maintain the generator voltage or Reactive Power schedule (within applicable Facility Ratings) as directed by the TOP (R2); notify its TOP of a status change on the AVR, power system stabilizer, or alternative voltage controlling device within 30 minutes of the change (R3); and notify its associated TOP as soon as practical, but within 30 minutes of changes in reactive power capabilities (not including those conditions listed under R3) (R4).

Analysis

As the GO, PCWA has neither received a request from its TOP (PG&E and CAISO) or TP (PG&E) nor been provided specifications for setting the transformer tap settings. If PCWA receives a request for either, it will fulfill the request. Likewise, PCWA has not received any request from its TOP to modify its tap settings or positions.

PCWA maintains an attestation (dated January 13, 2021), that it did not experience a change in reactive behavior per R3 and has not received a request from its Transmission Planner or Transmission Provider for data in R5 or R6.

There were no changes to PCWA's responsibility under this Standard in 2023. Further, PCWA did not lose its reactive power capability due to factors other than a status change on the AVR, PSS, or alternative voltage controlling device requiring notice under R4.

VAR-501-WECC-3.1 – Power System Stabilizer (PSS)

Summary of Standard

The purpose of VAR-501-WECC-3.1 is to ensure the Western Interconnection is operated in a coordinated manner under normal and abnormal conditions by establishing the performance criteria for WECC power system stabilizers.

This Standard has four GO Requirements applicable to PCWA. R1 requires GOs to provide their TOP a written procedure that indicates when the GO's PSS will not be providing an active signal to the Automatic Voltage Regulator (AVR), within 180 days of the effective date of the Standard (i.e., July 1, 2017) and any changes to the PSS operating specifications.

R3, R4, and R5 detail tuning requirements for new PSS, the testing of a new PSS, and the repair of PSS incapable of meeting tuning requirements.

R2 requires GOPs to have their PSS in service while synchronized, except under a limited set of enumerated circumstances.

Analysis

PCWA did not experience any items that would trigger obligations under R3, R4, or R5. PCWA did not make any changes to its PSS operating specifications in 2023.

PCWA operated with its PSS in service at all times when required in 2023 in accordance with R2 has not experienced any events that affect the tuning of its PSS in accordance with R3 and has not connected any new generation to the BES or replaced a voltage regulator on an existing excitation system during 2023 per R4.

PCWA has full GOP responsibility for R2 under the CFR with NCPA. In 2023, PCWA operated with the PSS in service while synchronized to the BES, unless the specified enumerated exceptions arose.

4.0 LOOKING AHEAD

The following Standards were approved by FERC for implementation and may require implementation activities by PCWA in 2024 and beyond:

NERC Reliability Standard	Effective/ Enforcement Date	PCWA Functional Registration/ System Applicability	New or Revised Standard
CIP-004-7 Cyber Security – Personnel & Training	1/1/2024	Not Applicable to BES Low Impact	Revisions enhance BES reliability by creating increased choice, greater flexibility, higher availability, and reduced-cost options for entities to manage their BCSl. And clarifies the protections expected when utilizing third-party solutions (e.g., cloud services).
CIP-011-3	1/1/2024	Not Applicable to BES Low Impact	Revisions enhance BES reliability by creating increased choice, greater flexibility, higher availability, and reduced-cost options for entities to manage their BCSl. And clarifies the protections expected when utilizing third-party solutions (e.g., cloud services).
FAC-001-4	1/1/2024	GO – Not applicable to PCWA, update attestation	Revisions clarify that the changes to existing Facilities that will need to be studied under the standards are those meeting the definition of “qualified change” developed by the Planning Coordinator under new Requirement R6 of FAC-002-4.
FAC-002-4	1/1/2024	GO – Not applicable to PCWA, update attestation	Each Generator Owner seeking to interconnect new generation Facilities, or existing interconnections of generation Facilities seeking to make a qualified change as defined by the Planning Coordinator under Requirement R6, shall coordinate and cooperate on studies with its Transmission Planner or Planning Coordinator, including

			but not limited to the provision of data as described in R1, Parts 1.1-1.4.
FAC-003-5	4/1/2024	GO – Not applicable to PCWA, update attestation	To maintain a reliable electric transmission system by using a defense in-depth strategy to manage vegetation located on transmission rights of way (ROW) and minimize encroachments from vegetation located adjacent to the ROW, thus preventing the risk of those vegetation related outages that could lead to Cascading.
PRC-002-4	4/1/2024	GO – Not applicable to PCWA, update attestation	The new Requirement R13 simply relocates implementation time prescribed in the PRC-002-2 Implementation Plan to the standard itself, and clarifies the implementation time, which was “three years” in the PRC-002-2 implementation plan, to “three calendar years.” ²
PRC-023-5	4/1/2024	GO with load-responsive phase protection systems. Not applicable to PCWA, update attestation	Each Transmission Owner, Generator Owner, and Distribution Provider shall use any one of the following criteria (Requirement R1, criteria 1 through 13) for any specific circuit terminal to prevent its phase protective relay settings from limiting transmission system loadability while maintaining reliable protection of the BES for all fault conditions. Each Transmission Owner, Generator Owner, and Distribution Provider shall evaluate relay loadability at 0.85 per unit voltage and a power factor angle of 30 degrees.
EOP-012-1	10/1/2024	GO/GOP – Complete engineering analysis, update training and procedure.	This standard includes requirements for implementing freeze protection measures for new and existing BES generating units to operate at location-specific temperature (Requirements R1 and R2), and for addressing the causes of outages, de-rates, and failures to synchronize caused by freezing (Requirement R6).
CIP-003-9	4/1/2026	GO/GOP – see next section.	To specify consistent and sustainable security management controls that establish responsibility and accountability to protect BES Cyber Systems against compromise that could lead to misoperation or instability in the Bulk Electric System (BES).

GridSME is also continuing to monitor additional developments that may impact PCWA’s NERC compliance program:

- **Supply Chain CIP Low Impact Revisions** (CIP-003 Security Management Controls) has been approved and includes revisions to CIP-003 to;
 - (1) detect known or suspected malicious communications for both inbound and outbound communications;
 - (2) determine when active vendor remote access sessions are initiated; and
 - (3) disable active vendor remote access when necessary.
- **EOP-012-1** (Extreme Cold Weather Preparedness and Operation) will address the effects of operating in extreme cold weather by ensuring each Generator Owner has developed and implemented plan(s) to mitigate the reliability impacts of extreme cold weather on its generating units’.

5.0 CONCLUSION

The NERC and WECC Reliability Standards are constantly evolving, particularly in the areas of Operations & Planning (O&P) and Critical Infrastructure Protection (CIP), necessitating implementation efforts with extended timelines, specialized expertise, and significant coordination.

PCWA’s reliability compliance program has maintained strong performance throughout 2023. The compliance team has demonstrated consistent leadership in managing risks effectively and maintaining organizational diligence, persistence, and awareness. Sustaining compliance requires ongoing focus on implementation, reviews, and continuous enhancement, alongside staying informed about the evolving Reliability Standards.

Despite unforeseen challenges, such as those posed by natural disasters like the Mosquito Fire, PCWA remains dedicated to upholding compliance with the dynamic NERC and WECC Reliability Standards. GridSME recommends updating the Internal Compliance Program (ICP), Attestations, and addressing all impacts stemming from the Mosquito Fire within 2024. GridSME also recommends beginning early preparations for upcoming effective standards EOP-012 and CIP-003-9, which will require updating plans, procedures, training, and potential needs for upgraded cyber security software. PCWA’s management and staff should take pride in their accomplishments thus far in 2024.

PLACER COUNTY WATER AGENCY

NERC/WECC COMPLIANCE UPDATE

APRIL 18, 2024

Regular Meeting - April 18, 2024

COMPLIANCE YEAR (CY) 2023

**PCWA is registered with NERC as a
Generator Owner (GO) /
Generator Operator (GOP)**

**2023 Annual Assessment did not find any
potential items of non-compliance**

LOOKING AHEAD

NERC/WECC standards only apply to
Bulk Electric System (BES) units:
Middle Fork 1&2
Ralston

MOD-025 – Reactive Power Capability
MOD-026 – Generator Excitation
MOD-027 – Governor Load Control

Generators offline due to Mosquito Fire impacted
ability to meet periodicity required in Standards for
remodeling/retesting

It was determined that because the work *would have
been completed if not for the Mosquito Fire*, no
self-reporting is necessary

MEMORANDUM

TO: Board of Directors

FROM: Tony Firenzi, Director of Strategic Affairs

DATE: April 6, 2024

RE: 2024 Strategic Plan

RECOMMENDATION:

Receive report on the revised draft 2024 Strategic Plan and provide feedback to staff as appropriate.

BACKGROUND:

A workshop covering the 2023 Year End Report and draft 2024 Strategic Plan was held at the March 21, 2024, Board meeting. The Board requested that staff re-introduce information technologies and operational technologies back as an element in the strategic plan. The Board wanted the actions of this strategic plan element to be high-level and focused on functionality and cybersecurity.

DISCUSSION:

The Board's direction has been incorporated into the attached revision. Staff will provide an overview of this revision at the meeting.

ATTACHMENTS:

Description	Upload Date	Type
Revised Draft 2024 Strategic Plan	4/7/2024	Backup Material

Placer County Water Agency

Revised Draft 2024 Strategic Plan

April 18, 2024

The purpose of this document is to confirm strategic visions of the Board of Directors and to direct staff on key issue areas that impact the Agency's business units, its customers, and the citizens of Placer County.

1. Water Supply Reliability

Background: The greatest threats to water supply reliability in PCWA's service area are legislative and regulatory action that diminish the Agency's ability to provide water to our customers. Further, increasing hydrologic variability will require regional collaboration to build infrastructure that captures, stores, and conveys water resources across jurisdictional boundaries.

Strategic Goal: Protect and ensure reliability of water supplies for the future of Placer County, while maintaining local control, defend against unnecessary restrictions on beneficial use of water, and maximizing resilience to drought and climate change.

Actions:

a. Middle Fork Project (MFP) Water Supplies

- Maintain local control of and defend MFP water supplies
- Reaffirm PCWA's commitment to the Water Forum and to the co-equal goals through the current re-negotiation of the Water Forum Agreement
- Obtain State Water Resources Control Board (SWRCB) approval to put MFP consumptive water rights to full beneficial use and expand place of use to meet Water Forum commitments in the long-term
- Maintain viability of annual water transfers to meet Water Forum commitments in the short-term
- Engage with regional partners in joint implementation of the Voluntary Settlement Agreement for the Delta Water Quality Control Plan

b. Drum Spaulding Supplies

- Represent PCWA in the PG&E divestiture of the Drum Spaulding hydroelectric system
- Advocate for operation and maintenance by PG&E to reliably meet water deliveries to the PCWA service area
- Advocate for continued delivery of water to PCWA pursuant to our water supply contracts in the ongoing FERC re-licensing process

c. Central Valley Project (CVP)

- Expand existing contract Place of Use to include all western Placer County
- Pursue additional Point of Diversion under PCWA's CVP contract to include the Sacramento River (RiverArc) to serve western Placer County
- Engage with regional partners in joint defense of re-initiation of consultation of the CVP biological opinion

d. Regional Water Supply Planning

Priority for 2024, continued from 2023: Advocate and plan for drought and climate change resilience under the leadership and collaboration of regional partnerships and projects (e.g. Sites Reservoir, RiverArc and the Water Bank)

Business Case: The Sites Reservoir project is complete with environmental review and will be undergoing design and permitting. Project funding is being generated, notably through a recently authorized federal loan. It is anticipated that this project will be complete by 2030. The Water Bank is nearing completion of environmental review. An implementation and governance committee has been launched. Several projects that make up the Water Bank have been funded and additional funding is being sought. The RiverArc project is being considered by the City of Sacramento as a potential priority over its own Sacramento River intake and treatment plant expansion. The project partners are eagerly supportive of this proposal and seeking funding to defray the project cost. All three of these regional projects are at critical points that warrant focus.

2. Drinking Water System Sustainability

Background: The Agency has purchased, consolidated, and built water systems throughout the county at various times in its history. As inherited by PCWA, these water systems vary significantly in age, initial construction quality, and standard of care. With limited funds, it is important to identify weaknesses before failures occur, which cause customer outages and excessive repair costs. In addition, many rural areas of the county do not have access to safe and reliable drinking water.

Strategic Goal: Maintain a high standard of service in terms of water quality, reliability, and value with cost effective infrastructure plans.

Actions:

a. Serving Existing Customers

- Target a standard of care that renews or replaces infrastructure prior to end of life
- Invest in the best condition assessment and asset management practices available to prioritize projects

- Ensure adequacy of renewal and replacement and reserve funds to support the target standard of care
- Initiate a multi- year meter replacement and small meter testing plan to prioritize meters that need to be replaced

b. Serving New Customers

Priority for 2024, continued from 2023: Ensure connection fees are adequate to fund expansion of capacity when needed and without financial burden to existing customers

Business Case: Customer connection fees are established by means of a Water Connection Charge (WCC) program, which considers existing and future capacity, absorption, debt issuance and a Capital Improvement Program (CIP) needed to serve the area for the program duration. Agency staff aims to update this Water Connection Charge Study ever 5 years, or considerable changes to past assumptions. With the last study for lower Zone 6 completed in 2017, a new WCC Study is underway to analyze Capital Improvement Program (CIP) Costs for planned improvements and analyze expenditures and debt issuance to further evaluate the Agency's Water Connection Charges (WCC's) across wholesale and retail customers. Retail demands will further be analyzed to evaluate the assessment of Units of Capacity for various lot size categories identified in the Rules and Regulations.

- Time construction of large investments in capacity to take greatest advantage of market prices, borrowing costs, and partnerships, resulting in an optimal funding plan for PCWA
- Actively seek funding to extend service to unserved and under-served areas through the County-Wide Master Plan

c. Water System Consolidations

Priority for 2024, continued from 2023: Be responsive to consolidation requests by existing water systems & seek state and federal funding

Business Case: The Agency has several active grant funding applications for consolidation projects in development with the State Water Resources Control Board. These projects are in various stages of planning, design, or construction preparation and will need Agency support to get to executed funding agreements. Potential funding from the State is on the order of tens of millions of dollars, with additional funding available as an incentive to consolidating entities (like PCWA). Therefore, it is imperative to secure and leverage these funds while they are available, especially considering that the fiscal climate could change soon. These monies will significantly bolster the resources already provided by the Agency and their partners to implement infrastructure associated with consolidations. The Agency will also continue to provide technical assistance and support to entities

that want to consider or investigate potential consolidation as an option. The Agency remains committed to goal of ensuring that the residents of Placer County have access to safe, reliable, and affordable drinking water.

3. Canal System Sustainability

Background: A majority of PCWA's 170 miles of canal infrastructure is very old and operating at or near capacity. These canals traverse wooded lands in the foothills, where they are vulnerable to fire and landslides. The water delivered from these canals supports a variety of agriculture in western Placer County, as well as being the conveyance to many water treatment plants.

Strategic Goal: Preserve the canal system for agricultural sustainability and other beneficial uses of water, and to protect delivery to water treatment plants.

Actions:

a. Infrastructure

- Follow the same direction as given for the drinking water system for standard of care, asset management, and funding
- Invest in bolstering the canal system by elimination of failure points, such as wooden flumes, poor pipeline materials, unstable soils, and tree hazards
- Develop an outreach program to educate customers regarding canal systems, water use efficiency, access, and encroachments
- Implement the Auburn Ravine fish passage permit requirements and seek funding if screen improvements are required

b. Beneficial Use of Water

- Conduct voluntary annual surveys of canal customers to help quantify how water is being used beneficially and to comply with the Water Forum commitment
- Target efficiency and reliability gains through investment in new ideas and technologies on both the Agency and customer side of delivery points
- Invest in minimizing water loss through canal lining, conversion of open canal to pipeline, and automation of flow control
- Where economically justifiable, improve canal system capacity to serve new customers

4. Power System Sustainability

Background: The Middle Fork Project (MFP) was completed in 1967, and while upgrades and reinvestments have been made over the past decade, major segments of infrastructure are now over 60 years old. In addition, California's energy market is transitioning to a carbon-free

generating network, potentially creating financial incentives for hydropower and other carbon free generating resources.

Strategic Goal: Optimize the sale of energy and energy related products, while maintaining a standard of care that ensures power generating reliability while assuring water supply for the people of Placer County.

Actions:

a. Infrastructure

- Pursue US Forest Service road use agreements or master stewardship agreements for non-project, general use to ensure road reliability and accessibility to PCWA facilities
- Maintain a standard of care for MFP infrastructure that ensures high reliability using best asset management practices
- Continue to enhance power generating infrastructure to be responsive to market conditions
- Support the ancillary use of MFP reservoirs for regional flood protection if compatible with PCWA interests
- Pursue US Forest Service master stewardship agreements for forest management work to protect PCWA facilities
- Develop partnerships and funding alliances that equitably distribute the cost to manage forest land in our watershed based on regional and statewide benefits

b. Energy Marketing

- Advocate for legislation and regulation that recognizes hydropower as a renewable energy source that contributes to a carbon-free economy
- Optimize energy production value while meeting all regulatory requirements

5. High Customer Confidence

Background: The Agency's most frequent interactions with customers are related to new service connections, water billing inquiries, water efficiency questions, and our messaging intended to inform customers of PCWA's various initiatives in water, energy, and stewardship. As communications technology advances and preferences change, our challenge will be to stay current with the most effective options to serve and interact with our customers.

Strategic Goal: Preserve, grow, and enhance confidence in PCWA as a water purveyor and as a steward of our natural resources.

Actions:

Priority for 2024: Conduct a comprehensive survey to gauge perception, interests, and understanding of Agency services

<p>Business Case: Our service area has seen significant changes in population and possibly demographics. Additionally, technology is changing the way residents learn of news and information, and how they feel about what they learn. A survey will help the Agency with its future communications planning efforts and serve to keep the Agency Board informed about trends that drive the development of policies aimed at the improvement of the customer experience. Staff is currently developing a communications campaign that will be deployed beginning this year. This campaign is intended to be adaptable and can be calibrated next year using survey results.</p>
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- Develop a new communications campaign with a focus on water supply reliability and projects that ensure “water for our future”
- Work with customers for a positive transition to our new customer portal that will enhance functions, such as self-service options, bill payment, water efficiency information, and consumption analytics

6. Agency Financial Health

Background: Agency financial resources are derived from enterprise funds that vary year to year based on hydrology, water, and energy sales. Additionally, the Agency strives to evenly spread the cost of maintenance of infrastructure over time, but periodically, there are failures and other circumstances that result in extraordinary funding needs.

Strategic Goal: Ensure the Agency’s financial health through adequate resources and ample reserves to operate and maintain water, power, and stewardship functions, while practicing cost control and risk management.

Actions:

- Prioritize funding of the renewal and replacement program to target deferred maintenance and to enhance water system reliability
- Review the cost-of-service detail and methodology for allocation between customer classes and/or systems
- Prioritize resources/appropriations for Federal Energy Regulatory Commission License Implementation projects
- Strive to achieve funding of reserve targets commensurate with risk and resource needs in water, power, and agency wide
- Budget annual operations with restraint and consideration for rates, monitor costs considering inflationary trends
- Maintain best-in-class posture and a strong credit rating for future borrowing and seek strategic debt issuances for over-all financial health

- Keep financial policies up to date and adaptable to changing conditions

7. Dynamic Workforce

Background: The Agency competes with other public and private utilities in northern California for a limited pool of managers, professionals, and specialized labor. Furthermore, the expectations and desires of the current labor pool are quickly evolving, requiring employers to find new ways to compellingly communicate why they are an employer of choice to potential candidates who have the specific, specialized skills that are in demand as baby boomers retire from the workforce.

Strategic Goal: Attract and retain a high-performing workforce that will thrive in our culture, which encourages employees to fully utilize their talents to optimize their potential at PCWA, while preserving a safe and efficient workplace.

Actions:

Priority for 2024: Recruit and retain highly skilled, ambitious employees and maintain competitive advantage as an employer of choice, capitalizing on our collaborative culture, total compensation package, and organizational reputation

Business Case: The success of PCWA, and public sector organizations in general, hinges on the quality of their workforce. Traditional recruitment methods often fail to attract and retain top talent due to various challenges, such as the hiring process, limited compensation packages, and an overall lack of communication regarding organizational culture and values. To address these issues, alternative recruitment and retention strategies must be explored as additions to current methods to meet the changing labor market and intense competition for talent. These innovative recruitment and retention strategies will allow PCWA to attract and retain the skilled employees that build the strong and dynamic workforce within the Agency.

- Build and maintain a desirable organizational reputation through communication of transparent values, stewardship in the community, and promotion of a positive workplace culture
- Explore and develop strategic recruitment advertising and candidate sourcing programs using modern technology and recruitment techniques
- Participate in student-focused programs, such as career days, job shadowing, and paid internships
- Proactively plan for employee succession with internal employee development programs that foster career growth, upward mobility, and leadership
- Reevaluate staffing needs as hiring opportunities arise to increase operational efficiencies, considering how technology is changing workload and workflow

- Foster a workplace environment where safety is the highest priority, jobsite hazards are reduced or eliminated, and the health and safety of employees is recognized as paramount

8. Information Technologies (IT)/Operational Technologies (OT)

Background: Technology is a tool in every facet of Agency operations. PCWA operations are made more efficient by IT/OT; however, this comes with cost of investment and threats of breaches to our cybersecurity infrastructure. This part of the strategic plan focuses on high-level IT/OT principles.

Strategic Goal: Provide secure, reliable, sustainable, flexible, and effective IT/OT infrastructure that has a high return on investment to support and protect operational objectives.

Actions:

- Ensure that IT/OT infrastructure is robust, scalable, and reliable to support uninterrupted service delivery by investing in hardware, software, and networking technologies to minimize downtime and maximize performance
- Strengthen cybersecurity measures to protect sensitive customer data, intellectual property, and critical infrastructure from cyber threats
 - Implement advanced security protocols
 - Conduct regular security audits
 - Provide cybersecurity training to employees
- Enhance Customer Experience: Focus on delivering exceptional customer service by investing in user-friendly interfaces, streamlined processes, and responsive customer support systems
 - Develop and or adopt mobile applications
 - Deploy self-service portals
 - Provide tools to enhance customer satisfaction and loyalty
- Streamline internal processes and workflows through the adoption of automation and data analytics technologies
- Build and maintain relationships with industry partners and government entities to understand and manage emerging threats and opportunities

MEMORANDUM

TO: Board of Directors

FROM: Tony Firenzi, Director of Strategic Affairs
Laura Rodarte, Associate Engineer

DATE: April 6, 2024

RE: 2024 Federal Report

RECOMMENDATION:

Receive presentation on the Agency's federal priorities for 2024 and provide feedback to staff as appropriate.

BACKGROUND:

PCWA is affected by federal laws and actions in a variety of ways, including funding, regulations, and administrative actions. There are several elements of the PCWA strategic plan that call for actions towards favorable federal outcomes. Both the Board of Directors and staff engage in these strategies to achieve our objectives.

DISCUSSION:

Attached is a 2024 Federal Report that summarizes current federal priorities of PCWA. Staff will provide a presentation of this report at the Board meeting.

ATTACHMENTS:

Description	Upload Date	Type
2024 Federal Report	4/9/2024	Backup Material
Exhibit "A"	4/9/2024	Backup Material
Presentation	4/9/2024	PowerPoint

Placer County Water Agency 2024 Federal Report April 18, 2024

PCWA is affected by federal laws and actions in a variety of ways. These effects can generally be organized into two categories: funding and administrative (which includes regulatory). Federal funding can benefit PCWA directly (by grants or directed expenditures to PCWA) or indirectly by federal investments that benefit PCWA, such as Sites Reservoir. Regulations can affect the operations of PCWA water and power systems or management of natural resources, such as fuels management on USFS lands.

PCWA tracks federal legislation and actions that affect these matters and attempts to influence favorable outcomes. This report summarizes PCWA's federal priorities in 2024. Acronyms of federal agencies are provided at the end of this report.

Funding

PCWA's investment needs over the next five years for infrastructure and resource management are significant and include approximately \$350 million in capital expenditure. See Figure 1 for a summary of PCWA's five-year investment needs (this does not include water system capacity expansion projects). A capital expenditure of this magnitude will require assistance from state and federal funding sources, in addition to PCWA's local revenue sources. For more details on the investment needs for each of the infrastructure and resource management categories, please see Exhibit A.

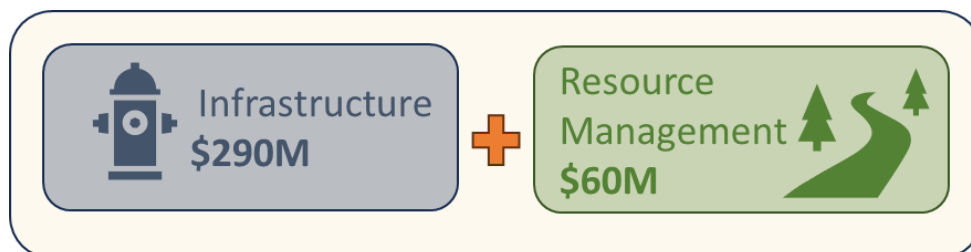


Figure 1. PCWA Five-Year Investment Needs for Capital Expenditure

PCWA is well positioned for a variety of federal funding opportunities due to its diversity of responsibilities and ownership interests with a direct federal nexus. For example, PCWA performs forest management activities on USFS lands, owns water resources that flow to Reclamation's Folsom Reservoir, and operates canals and pipeline crossings that predated FHWA's Interstate-80. Federal funding opportunities often require a significant level of effort to apply, compete, and successfully obtain. Further, once funding is obtained, the additional requirements such as environmental review, reporting and monitoring can be overly burdensome in delivering necessary projects. For these reasons, it is especially important to focus on the federal opportunities that are most aligned with PCWA's mission and priorities without compromising the efficiency and effectiveness of project delivery.

Priorities for 2024 near-term funding opportunities are presented in Table 1. The opportunities presented are in various stages of investigation and development. For example, PCWA staff has already pursued DOE's GRIP program for the Ophir Biomass Demonstration Project and is currently pursuing USDOT's Highway Infrastructure Program for the water crossings on

Interstate 80. Other opportunities have not been fully investigated yet and will be further developed throughout the year. However, the near-term funding strategy is focused on priority projects and how to successfully fund those projects.

Table 1. PCWA 2024 Funding Opportunities

No.	Investment Type	Need Priorities	Opportunities
1	Infrastructure: Water	Federal Interstate and RR pipeline crossings	USDOT – Highway Infrastructure Programs USEPA – Drinking Water State Revolving Fund
2	Infrastructure: Power RR&R	New Powerhouse Transformers	USDOE – Transformer and Extended Product System Rebate Programs USDOE – Flexible and Innovative Transformer Technologies (FITT)
3	Infrastructure: Power RR&R	Generator Rewinds	USDOE – Hydroelectric Efficiency Improvement Incentives
4	Infrastructure: Agencywide	RiverArc	USBR – WaterSMART Program USEPA – Drinking Water State Revolving Fund USEPA – Water Infrastructure Finance & Innovation Program (WIFIA)
5	Infrastructure: Agencywide	On-site Energy Storage or Generator/Biomass Demonstration Project	USDOE – Grid Resilience and Innovation Partnerships (GRIP)
6	Resource Management: Natural Disaster Preparedness and Mitigation	Sediment Removal	FEMA – Hazard Mitigation Grant Program USDA – NRCS Joint Chiefs' Landscape Restoration Program
7	Resource Management: Watershed Enhancement	Forest Health Projects	USDA – Wildland Fire Management FEMA – Building Resilient Infrastructure and Communities

Conversely, the longer-term federal funding strategy includes looking across the broad range of federal agencies and narrowing in on two or three key agencies that are most compatible for PCWA to work with. With those key agencies identified, then efforts to pursue federal authorizations and appropriations for specific projects could be conducted with those agencies as sponsors. Developing specific project federal authorizations would include the investment of time and energy for PCWA to build relationships with agencies' staff and educate them about PCWA's mission, public service, and investment needs.

It is envisioned that individual grant funding applications will continue to be pursued on an as-needed basis for projects. However, the available dollar amount will be a major factor in considering if the grant is worth pursuing or not. As noted, the amount of effort to obtain and administer federal grant funding is momentous and the awarded grant amount must be worth the effort. Based on previous experience, a federal funding award of \$3 to \$5 million is the ideal range and will be the targeted amount. As a rule of thumb, no federal award will be pursued for less than \$1 million.

Administrative

1. Healthy Rivers and Landscapes Program

In support of the statewide Healthy Rivers and Landscapes Program (i.e. Voluntary Agreements), Reclamation must provide a mechanism for collection and distribution of funding. This funding is needed for both the water purchase element of the program and for investment in habitat improvements. There are also operational commitments needed from Reclamation to ensure water releases from upstream tributaries serve the intended purpose.

It is proposed that Reclamation collect funds from Central Valley Project (CVP) contractors to cover their flow commitments and distribute habitat funding to those that will perform the work, including parties to the American River tributary.

There are two options for collection and distribution of funds by Reclamation: 1) legislative authority and 2) separate agreement by CVP contractors in the form of a Joint Powers Agreement. Through a subscription program with the Regional Water Authority, PCWA is participating in the statewide effort to engage Reclamation in this program and in the development of these funding options.

2. Re-initiation of Consultation for long-term Central Valley Project operations

A consultation from the USFWS on Endangered Species Act compliance of long-term CVP operations was completed in 2019. This consultation resulted in a biological opinion that provided for a Folsom Reservoir carryover target of 300,000 acre-feet. This target is beneficial to both regional water supply and aquatic habitat of the lower American River. Under a new presidential administration, Reclamation requested to re-initiate this consultation in 2021.

PCWA is participating in this regulatory process through a subscription program with the Regional Water Authority. A draft Environmental Impact Statement is anticipated this spring, and a final is anticipated by the end of year. A Folsom Reservoir carryover of at least the current target is being sought.

3. Warren Act Agreement for storage of American River water rights in Folsom Reservoir

PCWA is preparing an Environmental Impact Report (EIR) to support extension of American River water rights to 2043. The impacts of expanded use of these water rights must be mitigated under this EIR. A mitigation strategy has been developed that relies upon seasonal storage of a portion of PCWA's water in Folsom Reservoir.

Authority over extension of the American River water rights is under the State Water Resources Control Board. However, a Warren Act Agreement with Reclamation must be executed to provide for PCWA's seasonal use of Folsom Reservoir. A federal Environmental Assessment to provide for this agreement was completed by Reclamation in 2023. PCWA is now in negotiations over the agreement with Reclamation.

4. Amendment to long-term Central Valley Project repayment contract

PCWA has a contract with Reclamation for 35,000 acre-feet of CVP water supply. This contract was converted from short-term, which needed renewal every two years, to long-term in 2020. The current contract terms provide for diversion of this water at Folsom Reservoir and a place of use based on PCWA's Zone 1 service area, covering Auburn through Rocklin. PCWA is negotiating a change in point of diversion to the Sacramento River and an expanded place of use covering western Placer County. This would allow use of CVP water at the planned RiverArc project, located in northern Sacramento County.

5. Exchange agreement for diversion of American River water rights at Sacramento River

An alternative supply of water for the RiverArc project is a portion of PCWA's American River water rights. This could be accommodated with an exchange agreement with Reclamation, where PCWA delivers water to Folsom Reservoir and Reclamation delivers an equal amount to the RiverArc diversion. Having this option would allow PCWA to make deliveries from RiverArc to its place of use in northern Sacramento County, which would provide greater flexibility in use of water supplies. PCWA is in the early stages of discussion with Reclamation regarding this option. Such an exchange would need approval of the State Water Resources Control Board.

6. Stewardship agreements for work in the Tahoe and El Dorado national forests

The reason PCWA has been successful in implementation of landscape scale forest fuels reduction in the French Meadows project is largely due to a Master Stewardship Agreement (MSA) held by the County of Placer. These agreements provide for a local public or private entity to perform work on USFS lands, sometimes funded by the USFS. This MSA has allowed the county to implement the work in support of the Middle Fork Project Finance Authority. Along with the partnership and stakeholder approach to the project, this has been the factor that has advanced this 30,000-acre project.

PCWA is already developing its next landscape scale project in Long Canyon to protect two diversions that take water into the Middle Fork Tunnel. Additionally, there are several instances of road repair where PCWA contracted forces would have been more timely than waiting on the USFS. PCWA is negotiating a MSA with the El Dorado National Forest for the Long Canyon project and plans on doing the same with the Tahoe National Forest.

7. Amended 2023 Rule on Waters of the United States

The USEPA and the USACE regulate water bodies, which are classified under the Clean Water Act as Waters of the United States (WOTUS). The definition of WOTUS has been reviewed by the US Supreme Court several times regarding its applicability and the rule was amended most recently in 2023 because of the *Sackett* decision.

Under this decision, a far-reaching set of nexus criteria for WOTUS have been removed and now a water body must have a continuous surface connection. The exemptions for PCWA's canal system still apply. These changes can have implications for future PCWA projects and staff continue to keep abreast of the new rules. If the WOTUS rules apply, appropriate elements of PCWA infrastructure have been included in the Placer County Conservation Plan for permit coverage.

Engagement Plan

Federal funding and regulatory priorities are paired with complementary engagement activities throughout the calendar year. Formal events include the following:

- **January:** Reclamation's Water Users Conference in Reno, NV
- **February:** Association of Californian Water Agencies and American Public Power Association coincident conferences in Washington DC
- **March:** Community Project Funding Requests – Senator Padilla and Congressman Kiley
- **April:** Annual Capitol-to-Capitol advocacy trip to Washington DC
- **November:** Placer Business Alliance trip to Washington DC

Less formal engagements include periodic visits when members are in district and meetings with federal agencies located in Sacramento. PCWA also hosts tours to show federal representatives the field conditions related to some of PCWA's critical issues.

Federal Agency Acronyms

Note – these are often preceded with US for United States

ACE – Army Corps of Engineers

DA – Department of Agriculture

DOE – Department of Energy

DOT – Department of Transportation

EPA – Environmental Protection Agency

FEMA – Federal Emergency Management Agency

FS – Forest Service

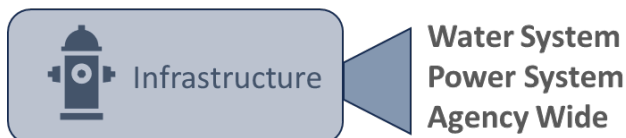
FWS – Fish and Wildlife Service

Reclamation – Bureau of Reclamation

NRCS – Natural Resource Conservation Service



INFRASTRUCTURE AND RESOURCE MANAGEMENT INVESTMENT NEEDS



WATER SYSTEM PRIORITIES: *\$90M in capital over next 5 years (2024-2028) to maintain existing service level.*

- **Treated Water Renewal, Reliability, and Replacement: \$60M**
 - Replace 1950's water treatment plant to continue serving rural communities and consolidate at-risk systems.
 - Replace 24 TW crossings under a federal Interstate and rail roads, 30% are high risk of failure.
 - Upgrade treatment plant mechanical/electrical equipment to maintain reliability.
- **Untreated Water Renewal, Reliability, and Replacement: \$30M**
 - Dam safety improvements for raw water reservoirs to comply with new requirements.
 - Replace 26 RW crossings under a federal Interstate and rail roads, 60% are high risk of failure.

POWER SYSTEM PRIORITIES: *\$155M in capital over next 5 years (2024-2028) to maintain existing service level.*

- **Renewal, Reliability, and Replacement: \$90M**
 - Procure and replace unique powerhouse transformers (Middle Fork, French Meadows, and Ralston).
 - Perform reliability upgrades for components (tailwater suppression systems, generator rewinds, etc.).
 - Upgrade small dams and outlet structures to comply with new safety requirements.
- **FERC Relicensing: \$65M**
 - Environmental enhancement type projects e.g., implement 3 diversion dam upgrades to better transport sediment, flows, and fish species.
 - Recreational enhancement type projects e.g., upgrades to campgrounds, trails, boat ramps to provide safer and broader access to facilities for camping, hiking, boating, fishing, and other recreational activities.

AGENCY WIDE PRIORITIES: *\$45M in capital over next 5 years (2024-2028).*

- Regulatory compliance (Fleet Vehicle Electrification, water rights, etc.).
- Technology (cyber security, solar projects, etc.).
- Disadvantaged and unserved communities' stewardship projects.
- Regional capacity building and climate change resiliency projects such as the RiverArc Project.
- On-site energy storage and generation for increased reliability and supporting local grid demand/response.



RESOURCE MANAGEMENT PRIORITIES: *\$60M in capital over next 5 years (2024-2028).*

- Natural Disaster Preparedness and Mitigation (wildfire, drought, climate change)
 - \$40M in immediate sediment removal projects, post fire(s) long-term removal program in development.
 - Support advocacy for an estimated \$25M in road repairs to the USFS, post fires and extreme weather events.
- Watershed Enhancement
 - \$2M in wildfire severity risk assessment and initial planning of forest and watershed health projects.
 - \$18M in a new forest health project that maintains a treatment pace of 10,000 acres per project and leverages State, Local, and Federal partnerships for shared implementation of a forest management program.

PLACER COUNTY WATER AGENCY

2024 FEDERAL REPORT BOARD OF DIRECTORS MEETING

APRIL 18, 2024



1

2024 FEDERAL REPORT OUTLINE

- Funding
 - Infrastructure and Resource Management
 - Needs and Opportunities
- Administrative
- Engagement



2

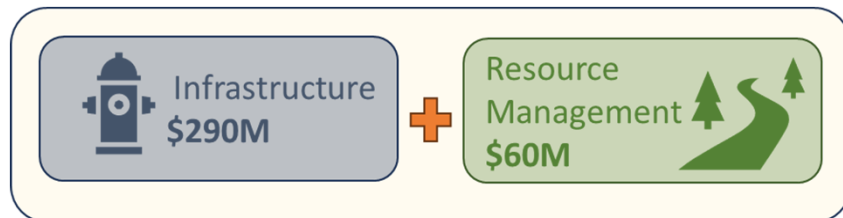
FUNDING

2024 FEDERAL REPORT

3

INVESTMENT NEEDS

- PCWA has a wide variety of responsibilities in providing water supplies, hydroelectricity, and managing natural resources
- \$350 million in Infrastructure and resources management investment
 - Based on 2024 Approved 5-year Budget
 - Excludes water system capacity expansion projects



4

INFRASTRUCTURE NEEDS AND PRIORITIES



Infrastructure

Water System
Power System
Agency Wide

\$290 million

Water System Priorities	Power System Priorities	Agency Wide Priorities
\$90M in capital over next 5 years to maintain existing LOS. - \$60M Treated water RR&R - \$30M Untreated water RR&R	\$155M in capital over next 5 years to maintain existing LOS. - \$90M RR&R - \$65M FERC Relicensing	\$45M in capital over next 5 years.
Examples: <ul style="list-style-type: none"> Replace TW/RW I-80 Crossings Replace Colfax WTP Upgrade aging equipment 	Examples: <ul style="list-style-type: none"> Replace Powerhouse transformers and upgrade components for reliability Implement diversion dams Upgrade campgrounds, trails, boat ramps, etc. 	Examples: <ul style="list-style-type: none"> Maintain regulatory compliance Upgrade technologies/security Assist disadvantaged and underserved communities



5

RESOURCE MANAGEMENT NEEDS AND PRIORITIES



Resource
Management








\$60 million

Natural Disaster Preparedness and Mitigation Priorities	Watershed Enhancement Priorities
\$40M in capital over next 5 years.	\$20M in capital over next 5 years.
Examples: <ul style="list-style-type: none"> Immediate and longer-term sediment removal projects Support advocacy for USFS road repairs 	Examples: <ul style="list-style-type: none"> Wildfire assessment and forest health planning Forest management program (maintain 10,000-acre per project pace)



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2024 FUNDING OPPORTUNITIES

#	Investment Type	Need Priorities	Opportunities
1	 Infrastructure	Federal Interstate and RR pipeline crossings	USDOT – Highway Infrastructure Programs USEPA – Drinking Water State Revolving Fund
2	 Infrastructure	New Powerhouse Transformers	USDOE – Transformer and Extended Product System Rebates USDOE – Flexible and Innovative Transformer Technologies
3	 Infrastructure	Generator Rewinds	USDOE – Hydroelectric Efficiency Improvement Incentives
4	 Infrastructure	RiverArc	USBR – WaterSMART Program USEPA – Drinking Water State Revolving Fund USEPA – Water Infrastructure Finance & Innovation Program
5	 Infrastructure	On-site Energy Storage or Generator/Biomass Demonstration Project	USDOE – Grid Resilience and Innovation Partnerships (GRIP)
6	 Resource Management	Sediment Removal	FEMA – Hazard Mitigation Grant Program USDA – NRCS Joint Chiefs' Landscape Restoration Program
7	 Resource Management	Forest Health Projects	USDA – Wildland Fire Management FEMA – Building Resilient Infrastructure and Communities



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LONGER-TERM FUNDING STRATEGY



- Narrow in on 2 or 3 key agencies most compatible with PCWA
- Pursue federal authorizations/appropriations for specific projects with those agencies as sponsors
- Continue individual project grant opportunities as-needed
 - Funding amount will be major consideration factor
 - Federal funding award of \$3 to \$5 million will be targeted
 - Rule of thumb, don't pursue for less than \$1 million



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ADMINISTRATIVE

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KEY ADMINISTRATIVE/REGULATORY ITEMS

1. Healthy Rivers and Landscapes Program (Voluntary Agreements)
2. Re-initiation of Consultation for Long-Term CVP Operations
3. Warren Act Agreement for Folsom Reservoir Storage
4. Amendment to Long-term CVP Repayment Contract
5. Exchange Agreement for Diversion of American River Water Rights at Sacramento River
6. Stewardship Agreements for work in the Tahoe and El Dorado National Forests
7. Amended 2023 Rule on Waters of the United States



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ENGAGEMENT

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ENGAGEMENT ACTIVITIES

- **January:** Reclamation's Water Users Conference in Reno, NV
- **February:** Association of Californian Water Agencies and American Public Power Association coincident conferences in Washington DC
- **March:** Community Project Funding Requests – Senator Padilla and Congressman Kiley
- **April:** Annual Capitol-to-Capitol advocacy trip to Washington DC
- **November:** Placer Business Alliance trip to Washington DC
- **Ongoing:** periodic in-district meetings and tours



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