



PCWA

2025 Annual Budget



Placer County Water Agency
Auburn, California



Placer County Water Agency 2025 Budget

Prepared by the Department of Financial Services
Adopted November 21, 2024

Auburn, California
www.pcwa.net



PLACER COUNTY WATER AGENCY

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MEMORANDUM

DATE: November 21, 2024

TO: Chair and Members of the Board of Directors

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

RE: Transmittal for the Adopted 2025 Placer County Water Agency Budget

Overview

2025 Combined All-Inclusive Expense Budget

The Adopted 2025 Placer County Water Agency (Agency) Budget totals \$305 million, which is comprised of:

Fund	Operating	Capital	Total
Agency Wide	\$ 6.2	\$ 5.4	\$ 11.6
Power Division	33.8	41.5	75.3
Water Division	53.6	164.5	218.1
Total (in millions)	\$ 93.6	\$ 211.4	\$ 305.0

Below is a comparison to the 2024 Adjusted Budget¹ which is comprised of a combined operating budget increase of \$3.3 million and a \$120.2 million increase in combined capital project funding. The 2025 Combined Operating Budgets have increased over the 2024 Adjusted Budget which includes an increase of \$2.3 million from the Power Division, \$0.5 million from the Water Division and \$0.5 million from Agency Wide.

Fund	2024 Adjusted Budget	2025 Adopted Budget
Agency Wide Operating	\$ 5.7	\$ 6.2
Power Division Operating	31.5	33.8
Water Division Operating	53.1	53.6
Combined Capital	91.2	211.4
Total (in millions)	\$ 181.5	\$ 305.0

¹ Adjusted Budget as of September 23, 2024.

2025 Adopted Budget – Budget Unit Overview

Agency Wide

The 2025 Agency Wide Budget totals \$11.6 million including \$6.2 million in operating and \$5.4 million in capital project appropriation. The revenue budget is decreased \$0.2 million or 4.9% under the 2024, resulting from a decrease in long-term water sales contracted prices.

The Operational Expense Budget is increased from the 2024 Adjusted Budget by a net amount of \$517,000 or 9.1%, which includes the 3% cost of living adjustment (COLA) to labor in personnel services. The 2025 Adopted Budget changes are based on the following:

- General Manager's Office is a net increase of \$5,000 attributed to a full-time employee in the Strategic Affairs Division supporting legislative and regulatory issues, resulting in an increase in personnel services of \$189,000. Additionally, there are decreases in cost share partnerships of \$88,000, consulting needs of \$64,000, and sponsorships of \$28,000 which are moving to Public Affairs.
- Administrative Services is a net increase of \$145,000, largely attributed to retiree benefits increasing \$138,000. Additionally, there is an increase in the workers' compensation third-party claims administration contract of \$10,000.
- Customer Services - Public Affairs is a net increase of \$75,000 including an increase in sponsorships of \$28,000, an increase in temporary labor of \$27,000, and an increase in advertising and subscriptions of \$18,000 to focus on increasing community education and awareness.
- Financial Services is a net increase of \$609,000 mostly attributed to an increase in property insurance of \$652,000 due to rising industry costs, and an increase of \$92,000 in personnel services. Additionally, there is a decrease in contracted financial services of \$75,000, and a decrease in consulting of \$65,000.
- Information Technology is a net increase of \$397,000, which includes an increase in software licensing totaling \$273,000 for physical security. Also, an increase in personnel services of \$64,000, an increase in overtime of \$15,000, and an increase of \$38,000 in consulting services for cybersecurity monitoring requirements.
- Routine Capital decreased \$20,000 with less equipment replacement purchases planned for 2025. The 2025 routine capital budget includes computer replacements, router replacements, and physical security upgrades.

These overall changes in the 2025 Agency Wide departmental operating budgets are shared through the service level support by a detailed Cost Allocation Plan process

whereby the indirect costs are allocated to the benefiting funds: Power Division, Water Division and capital projects are appropriately allocated support costs totaling \$11.4 million.

Power Division

The 2025 Power Division Budget totals \$75.3 million including \$33.8 million in operating and \$41.5 million in capital project appropriation. The Power Division budget is funded by the Middle Fork Project Finance Authority (Authority) appropriations, hence the Power Division revenue line is titled “MFPFA Appropriation” and consequently the Power Division budgeted revenue equals the combined 2025 operating and capital projects budgets. Pursuant to the Joint Powers Agreement between Placer County and the Agency, which specifies that the Middle Fork Project power sales revenues are directed to and recorded by the Authority.

The Operational Expense Budget is increased from the 2024 Adjusted Budget by a net amount of \$2.3 million or 7.4%, which includes the 3% COLA in personnel services. The 2025 Adopted Budget changes are based on the following:

- General Manager’s Office is a net decrease of \$108,000 attributed to a decrease in cost share partnerships of \$82,000, a decrease in consulting needs of \$40,000, and an increase in Federal and State Legislative services of \$7,000.
- Energy Marketing is a net increase of \$11,000 resulting from an increases in personnel services of \$36,000, forecasting tools of \$18,000, travel and training of \$17,000, outside legal of \$9,000, and a decrease in consulting needs of \$68,000.
- Financial Services is a net increase of \$175,000 primarily a result of Insurance increasing \$198,000 because of rising premiums in an increasingly hard insurance market, increase of \$12,000 in cost share partnerships with an assumed 3% inflationary increase from actuals for partnership agreements. Additionally, an increase in software licensing of \$5,000 and a decrease of \$50,000 in consulting needs.
- Power System is a net increase of \$2.3 million, which is largely attributed to an increase totaling \$1.1 million in contracted services with a \$883,000 increase in anticipated consulting services for efforts that includes the LL Anderson Crest Material Investigation, LL Anderson P12 Comprehensive Assessment, Asset Management Study, as well as a contingency for the FERC 5-year dam inspections, and a \$210,000 increase in surveying for French Meadows and Hell Hole reservoirs bathymetry. Additionally, in Operating Services, facilities repair increasing \$703,000 for required periodic civil dam inspections and dam vegetation clearing. Lastly, a \$408,000 increase in personnel

services resulting from the COLA and anticipated increases in labor for the Power Division salary survey.

- Technical Services is a net decrease of \$182,000, a result of FERC License Operating Implementation costs that are budgeted to decrease \$213,000 in accordance with specific contracts as the Agency focuses on the monitoring phase of the plan and costs are anticipated to be lower. Additionally, an increase in personnel services of \$29,000 with the COLA and a slight shift of labor to operating from capital.
- Information Technology is a net increase of \$290,000 attributed to an increase in contracted information services of \$158,000 for the microwave system upgrade, and a \$153,000 increase in software licensing for renewals and additional licenses of existing software.
- Service Level Support is increasing \$73,000 based on the results of the cost allocation plan that allocates service level support costs to the benefiting funds in a rational methodical manner.
- Routine Capital is decreasing by \$433,000 with less computer and equipment replacement purchases planned for 2025. The 2025 routine capital budget does include the replacement of four vehicles, a new skip loader and portable generator at the Middle Fork Powerhouse.

Water Division

The 2025 Water Division Budget totals \$218.1 million, which is comprised of a \$53.6 million operating budget, \$164.5 million capital project budget (which includes the Water Connection Charge capital component that totals \$139 million), and \$7.9 million capital related debt service costs.

The Water Division is user charge based, which means those benefiting from the service pay the cost of that service. The Water Division does not receive property tax revenue. The 2025 Adopted water sales revenue includes a 7.0% revenue adjustment from the 2020 Cost of Service Study and Board approved five-year water rate adjustment. The adopted rate adjustment provides for annual water rate adjustments for years 2023-2027 which provide for fixed rate increases annually. The 2025 adopted water rate increase is capped at 7% and is supported based on the current cost of service needs.

The Operational Expense Budget is increased from the 2024 Adjusted Budget by a net amount of \$527,000 or 1.0%, which includes the 3% COLA in personnel services. The 2025 Adopted Budget changes are based on the following:

- Customer Services is a net increase of \$20,000, attributed to an increase in personnel services of \$25,000, increase in subscriptions and membership dues of \$14,000, increase in travel of \$14,000, and an increase in equipment repair for large meter testing of \$10,000. Additionally, a decrease of \$36,000 in meter related inventory items.
- Field Services is a net increase of \$595,000. Personnel services increasing a total of \$269,000 which includes the COLA and an increase due to the re-organization of Mechanical Maintenance from Drinking Water Operations. Purchased water is increasing \$211,000 because of the CPI price increase in the PG&E water supply contract of 2.8%, and an increase of \$144,000 for water purchased from Agency Wide. Other changes include increases of \$105,000 in compliance requirements, an increase in landscaping of \$100,000, and a decrease of \$222,000 in pump and equipment maintenance and repair.
- Technical Services is a net decrease of \$312,000 resulting from a decrease in consulting needs of \$381,000, an increase in electricity costs of \$199,000, an increase in compliance requirements of \$177,000 related to the re-organization of Mechanical Maintenance to Field Services, and a decrease of \$50,000 in electrical and control costs. Additionally, pumping costs are increasing a total of \$480,000, with an increase of \$500,000 related to the additional cost of electricity and a decrease of \$20,000 for repairs and maintenance.
- Service Level Support is increasing \$152,000 based on the results of the cost allocation plan that allocates service level support costs to the benefiting funds in a rational methodical manner.
- Routine Capital is decreasing \$96,000 compared to the 2024 Adjusted Budget, which included the Board approved carryover budget appropriations of \$987,000 for 2022 and 2023 vehicles and equipment which were not delivered timely. The 2025 routine capital budget includes equipment such as an excavator, a track loader, and ten vehicles.

Capital Improvement Plan Budget – 2025 and Five Year (2025 – 2029)

The Agency's Five Year (2025 – 2029) Capital Improvement Plan (CIP) totals \$409.4 million and is comprised of the following: Agency Wide totals \$6.8 million, Power Division totals \$149.0 million and Water Division totals \$253.6 million. The Agency's CIP varies annually depending on the extent and magnitude of projects being implemented, such as the building of the Ophir water treatment plant in the next five years.

The 2025 CIP totals \$203.5 million, excluding debt service costs, and is detailed as follows:

Agency Wide

The 2025 Agency Wide CIP Budget totals \$5.4 million, with the largest projects being funding for the Duncan Hill Treated Water Improvements for \$2.6 million, which is anticipated to receive grant funding, and the Old State Highway Improvements for \$1.6 million. The Five-Year CIP Budget includes the Facility Maintenance Building Improvements totaling \$500,000 and Drum Spaulding Water Supply Protection totaling \$450,000.

Power Division

The 2025 Power Division CIP Budget totals \$41.5 million with the largest projects being the Hell Hole Outlet Works Upgrade totaling \$6.0 million, the Ralston Penstock Internal Relining totaling \$5.3 million, the Middle Fork Powerhouse Transformer Replacement \$3.6 million, the Interbay Sediment Removal totaling \$2.5 million, the North Fork Long Canyon Diversion totaling \$2.5 million, and the South Fork Long Canyon Diversion totaling \$2.5 million.

Over the past 15 years, significant capital improvements have been accomplished, however, as with any utility's infrastructure, continual renewal and replacement and reliability projects is required as evidence by the 2025 Five-Year CIP. The upgrades and renewal and replacement projects totals \$91.8 million with the largest of these capital projects being the Interbay Sediment Removal totaling \$12.5 million, the Hell Hole Substation totaling \$9.3 million, the LL Anderson Dam Crest Improvements totaling \$8.7 million, the French Meadows Powerhouse Overhaul and Generator Rewind totaling \$4.4 million and the Middle Fork Powerhouse Unit 1 Overhaul and Generator Rewind totaling \$4.2 million.

In June 2020, the Agency received a new 40-year FERC License for the operation of the Middle Fork Project (MFP) and along with the new FERC license came new operating conditions and significant capital projects for both infrastructure and recreation. These FERC License capital projects have specified implementation timing with a significant portion of the estimated FERC License capital projects requiring completion over the next four years and beyond, which have an estimated cost of \$56.0 million. The significant FERC License capital projects of the Five-Year CIP are the Ralston Afterbay Sediment Relocation Plan totaling \$7.2 million, the French Meadows North Shore Water Supply totaling \$5.1 million, and the MFP Power and Communication Pole totaling \$5.0 million.

Water Division

The 2025 Water Division CIP Budget totals \$156.6 million which is comprised of \$139.0 million in expansion (Water Connection Charge (WCC) funded) capital projects and \$17.6 million in renewal, replacement and reliability (rate funded) capital projects.

In the 2025 CIP Budget, the largest WCC funded capital project is phase one of the construction of the Ophir Water Treatment Plant for \$128.0 million. The first phase is to construct 10 MGD and initial improvements which will allow for future expansion of the plant. Funding for the Ophir water treatment plant is estimated to include a new Debt Issuance for Certificates of Participation of approximately \$75 million as well as a Partner contribution of \$43 million (includes projected interest) from the City of Lincoln. The other largest Five-Year CIP WCC funded capital projects are Placer Parkway Pipeline totaling \$9.1 million and Barton Road Pipeline totaling \$4.2 million.

In the 2025 CIP Budget, the largest renewal, replacement and reliability capital projects are Raw Water Transmission and Distribution projects totaling \$8.0 million with the I-80 Raw Water Crossings Replacement for \$5.8 million, and the Ben Franklin Canal Repair for \$1.0 million. Significant Five-Year CIP renewal, replacement and reliability projects include the Foothill Water Treatment Plant Rehabilitation totaling \$9.0 million, the Rocklin Pipeline Replacement Program totaling \$7.1 million, and Field Services Gunite totaling \$7.0 million.

There continues to be a substantial demand for water system infrastructure improvements. Projects are prioritized based on renewal, replacement, and reliability needs while also considering opportunities to gain operational, maintenance, and water use efficiencies.

Staffing

The number of authorized full-time equivalents (FTE) is increasing to 238 with the adoption of the 2025 budget. This includes the addition of one mid-management position in the Strategic Affairs Division in the Office of the General Manager.

The table below shows the number of FTE's for a five-year period, as amended by Board actions:

Department Division	2021 Adjusted Budget	2022 Adjusted Budget	2023 Adjusted Budget	2024 Adjusted Budget	2025 Adopted Budget
General Manager's Office	7.5	7.5	8	8	9
<i>General Manager</i>	2.5	2.5	4	4	4
<i>Strategic Affairs</i>	3	3	2	2	3
<i>Legal Office</i>	2	2	2	2	2
Administrative Services	8	8	7	7	7
<i>Human Resources</i>	8	8	7	7	7
Financial Services	13.5	13.5	15	15	15
<i>Accounting & Budget</i>	9.5	9.5	10	10	10
<i>Procurement & Risk</i>	3	3	4	4	4
<i>Energy Risk Administration</i>	1	1	1	1	1
Customer Services	33	30	30	30	30
<i>Public Affairs</i>	2	2	2	2	2
<i>Customer Service</i>	18	18	18	18	18
<i>Water Efficiency</i>	10	10	10	10	10
<i>Facility Maintenance</i>	3	0	0	0	0
Field Services	56	59	60	70	70
<i>Treated & Untreated Water</i>	47	47	49	59	59
<i>Vehicle & Equipment Maintenance</i>	4	4	4	4	4
<i>Support</i>	5	5	5	5	5
<i>Facility Maintenance</i>	0	3	2	2	2
Technical Services	73	59	58	49	49
<i>Engineering</i>	27	28	26	26	26
<i>Drinking Water Operations</i>	35	31	32	23	23
<i>Information Technology</i>	11	0	0	0	0
Energy Marketing	4	4	4	4	4
Power System*	36	34	35	36	36
Information Technology	0	17	18	18	18
Total Authorized FTE's:	231	232	235	237	238
Change From Previous Year	-1	1	3	2	1

*2025 - 3 FTE's are authorized but not budgeted

Historical Staffing Narrative:

- For 2024, the Board authorized the addition of one Manager position in the Field Services Department and one Inspector position in the Engineering Division of the Technical Services Department. During 2024, an organizational change relocated the Drinking Water Operations maintenance staff of nine to the Raw Water Division of the Field Services Department. Also, an Inspector position in the Technical Services Department in the Water Division was transferred to Power Systems.
- For 2023, the Board authorized the addition of two Service Workers in the Treated Water Division of Field Services, one Water Treatment Plant Operator in the Drinking Water Operations Division of the Technical Services Department, and the Engineering Division eliminated one Assistant Engineer position. During 2023, the retirement of the Agency's Risk and Safety Manager provided an opportunity to strategically realign essential risk management and safety programs within the Agency. One element of the realignment involved centralizing risk management responsibilities within the Financial Services Department, therefore the Risk and Safety Manager position was reclassified to Procurement and Risk Manager and was reallocated to the Financial Services Department. The second element was to centralize the Agency-wide occupational health and safety program within the Technical Services Department. With safety regulations and compliance requirements becoming more complex and the Agency would benefit by establishing a managerial position dedicated to the centralized safety function. The Board of Directors authorized one additional management FTE to be allocated to the Technical Services Department to establish a Safety Manager. Additionally, the Safety Technician position was reclassified to accommodate a full-time Administrative Aide in the GM Office. Lastly in September 2023, a full-time equivalent position in the Field Services Department in the Water Division was reallocated to the Information Technologies Department in Agency Wide for a Physical Security Technician position.
- During 2022, the Technical Services Department repurposed the vacant Deputy Director position to establish an additional Engineering Services Manager and the Board also authorized another Engineering Services Manager increasing the authorized FTE count to 232.
- During 2021, the Technical Services Department repurposed a vacant position to establish a new job classification called Capital Improvement Program Specialist.

September 2021, the Board of Director's appointed an in-house General Counsel. In December 2021, Information Technology became its own Department in all three funds, with the budget impact effective January 2022. In 2021 a new position of Safety Technician within Technical Services Department (in the Agency Wide Fund) was created, to implement an Agency-wide safety program. However, this position was a reclassification of a Water Quality Support Technician position in Drinking Water Operations, Technical Services Department in the Water Division.

Personnel Services

Personnel Services is comprised of labor and benefits. Budgeted labor includes all compensation such as wages, salaries, cost of living adjustments, temporary labor and overtime. Benefits include the Agency's costs associated with retirement, health care, Social Security, and other programs such as disability, standby and other contractually negotiated benefits. The Agency does not pay the employees' share of retirement contributions.

Depending upon the work being performed, labor and benefits are allocated to either operations or capital. Typical duties performed by employees that charge to operations include pipeline system maintenance, meter maintenance, customer contact support, meter reading, finance, human resources, information systems and treatment plant operations. Duties of employees that charge to capital include pipeline replacements, water treatment plant upgrades, Middle Fork Project capital projects, engineering support and project management of capital projects. Because the capital improvement plan fluctuates annually, the allocation of labor to capital can fluctuate annually by Division and by Department.

The table on the following page shows personnel services allocated between the operations and capital budgets. Of the total 2025 Agency Budget, approximately 94% of the Agency's personnel services budget is attributable to operations and 6% to capital. Overall, personnel services are budgeted to increase 4.5% in 2025, which is primarily driven by the 3% COLA set by employee labor agreements, netted with various benefit expense changes.

Personnel Services by Operations and Capital				
	2024 Adjusted Budget	2025 Adopted Budget	\$ Change	% Change
Agency Wide	\$9,792,944	10,322,561	529,617	5.4%
Power	9,329,289	10,045,923	716,634	7.7%
Water	22,891,071	23,573,485	682,414	3.0%
Capital	2,790,902	2,880,913	90,011	3.2%
Grand Total	\$ 44,804,206	46,822,882	2,018,676	4.5%

* * * * *

The 2025 Combined Budget is a team effort as each budget unit is built on the departmental staff level developed and compiled budgets. Each department utilizes a cost/benefit approach to develop their budget in an effort to minimize expenses and implement cost saving efficiencies while maintaining our high service levels.

Supplemental Information Relevant to the Adopted 2025 Budget

Budget Policy, Process and Format

The Agency's Budget Policy, [Agency Personnel and Administrative Manual, Chapter 6], sets forth the budget process and format. The operating budgets shall serve as a financial plan for the three budget units or funds: Agency Wide, Power Division and Water Division. The Capital Improvement Plan (CIP) is presented by budget unit, in two configurations: annual and five-year plans. These documents comprise the Agency's Annual Budget.

Per Policy, annually the General Manager and Director of Financial Services will prepare or have prepared the Agency Budgets, which shall be recommended by the General Manager and Director of Financial Services to the Board of Directors no later than the first regular meeting in December of each year.

The Agency's annual budget process commences in the spring and concludes in the fall with the combined three budget unit Agency Budget considered and approved by the Board. Historically, the Power Division budget follows an accelerated schedule to meet the timing established by the Middle Fork Project Finance Authority for appropriating the funds for the Agency's Power Division needs.

Power Division Budget Process

The Power Division budget process commences in April. Staff prepare a draft Power Division Budget in June for refinement in July, with a draft to the Finance Committee and Board in July or early August. A draft budget is provided to the County staff and in consultation of Placer County staff, refinements are made to the Power Division Budget, which is then incorporated in the Authority Budget. The Middle Fork Project Finance Authority Budget is considered by the Authority Board in October, which provides the appropriation to the Agency's Power Division Budget.

Agency Wide and Water Division Budget Process

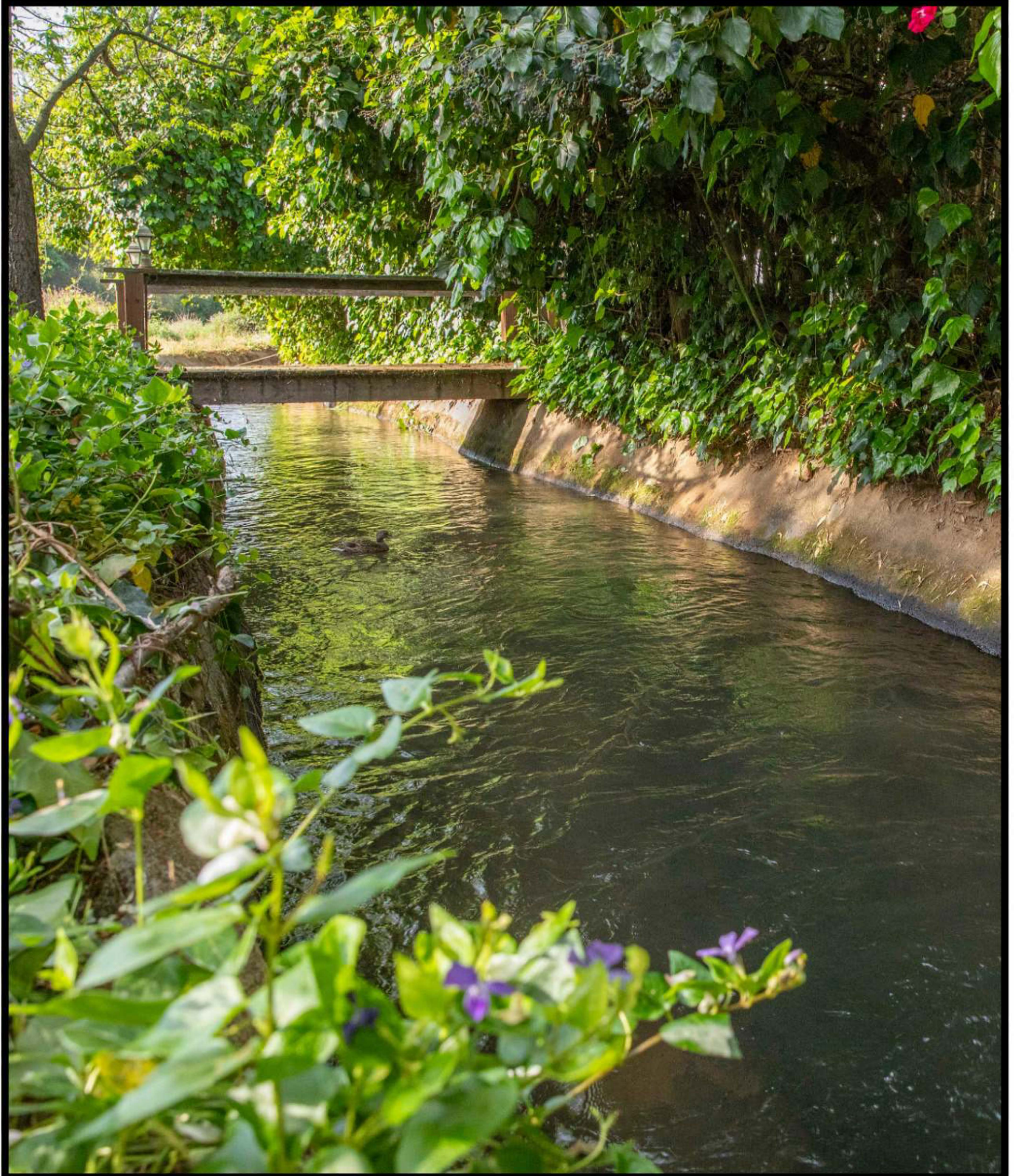
The Agency Wide and Water Division budget process commences in April with a current year budget performance assessment and initial discussion of the following year's budget. This is followed by various staff meetings to discuss the budgeting process, operating budget needs, potential new personnel positions, routine capital and project needs, rate setting and financial outlook.

Agency Finance Committee and Board Consideration

The Board's Finance Committee typically meets in the summer (June or July) to review the Budget Timeline and draft Power Division Budget. Depending on the needs of the Agency Wide and Water Division funds, various meetings may be held in the late summer and fall. Typically, the next year's Budget is ready for the Board's consideration sometime in October, November or early December.

For the 2025 budget process, in 2024 the Board's Finance Committee, consisting of Directors Alpine and Santini, met on July 8th to review the 2025 Budget Timeline and the Proposed 2025 Power Division Budget. The Committee met again on August 1st to discuss the Proposed 2025 Agency Wide and Water Division Budgets and September 23rd to discuss the Proposed 2025 Combined Agency Budget. Comments and suggestions from those meetings have been incorporated into the final budget document.

Annual Budget



Boardman Canal, Loomis

Placer County Water Agency
2025 Combined All-Inclusive Expense Budget

	2025 Adopted			
	Agency Wide	Power Division	Water Division	Total
Operating Expenses				
Total Operating Expenses	\$ 6,227,950	33,840,074	53,604,630	93,672,654
Total Operating Expenses	6,227,950	33,840,074	53,604,630	93,672,654
Capital Improvement Plan				
Middle Fork Project Infrastructure Projects	-	41,465,000	-	41,465,000
Reserves Funded Projects	5,372,000	-	-	5,372,000
Rates Funded Projects	-	-	17,586,000	17,586,000
Expansion Projects	-	-	139,070,000	139,070,000
Project Debt Service Costs (Rates and Expansion)	-	-	7,904,000	7,904,000
Total Capital Improvement Plan	5,372,000	41,465,000	164,560,000	211,397,000
Total Expense Budget*	\$ 11,599,950	75,305,074	218,164,630	305,069,654

* Includes Operating and Capital Appropriations, as well as Water Connection Charge (Expansion) Appropriations.

Placer County Water Agency

2025 Combining Budget Schedule

	2025 Adopted			
	Agency Wide	Power Division	Water Division	Combined Total
Revenue				
Water Sales	\$ 1,200,000	-	71,621,256	72,821,256
MFPFA Appropriation	-	75,305,074	-	75,305,074
Other Revenue	3,025,000	-	3,354,374	6,379,374
Total Revenue	4,225,000	75,305,074	74,975,630	154,505,704
Operations				
Board of Directors	189,914	-	-	189,914
General Manager's Office:				
General Manager	820,335	-	-	820,335
Legal Services	242,807	210,644	211,694	665,145
Strategic Affairs - Resource Management	2,062,105	820,065	-	2,882,170
Administrative Services	3,368,592	-	-	3,368,592
Customer Services	548,244	-	5,256,851	5,805,095
Field Services	-	10,000	21,267,665	21,277,665
Financial Services	4,241,092	3,597,736	-	7,838,828
Power System	-	18,686,682	-	18,686,682
Energy Marketing	-	1,656,431	-	1,656,431
Technical Services	534,986	2,794,706	13,639,655	16,969,347
Information Technology	4,579,600	962,321	1,618,680	7,160,601
Non-departmental Expenses	711,275	1,339,489	2,892,700	4,943,464
Service Level Support (Note 1)	(11,449,000)	2,747,000	7,297,000	(1,405,000)
Routine Capital	378,000	1,015,000	1,420,385	2,813,385
Total Operations	6,227,950	33,840,074	53,604,630	93,672,654
Capital Projects				
Capital Improvement Plan Appropriation	5,372,000	41,465,000	17,586,000	64,423,000
Project Debt Service	-	-	3,785,000	3,785,000
Total Capital Uses (Note 2)	5,372,000	41,465,000	21,371,000	68,208,000
Summary				
Total Revenue	4,225,000	75,305,074	74,975,630	154,505,704
Total Operations	6,227,950	33,840,074	53,604,630	93,672,654
Total Capital Projects	5,372,000	41,465,000	21,371,000	68,208,000
Revenue Under Expenses	(7,374,950)	-	-	(7,374,950)
(To) From Reserves	7,374,950	-	-	7,374,950
Net	\$ -	-	-	-

Note 1 - Service Level Support - Based on the 2025 Cost Allocation Plan, \$11,449,000 of **service level support** is attributed to **operating** divisions (\$2,747,000 to the Power Division and \$7,297,000 to the Water Division) and \$1,405,000 is attributed to capital projects.

Note 2 - Water Connection Charge (WCC) funds are restricted, therefore, the **2025 Water Connection Charge Capital Projects and Debt Service** totaling \$143,189,000 are not included on this Combining Budget Schedule, and are shown separately on page 35. WCC Capital Projects and Debt Service are included on the Combined All-Inclusive Expense Budget on page 13.

**Placer County Water Agency
Summary Routine Capital
Agency Wide, Power Division and Water Division
2025 Budget Schedule**

	2020 Budget	2021 Budget	2022 Budget	2023 Budget	2024 Budget	2025 Adopted Budget			
						Total	Agency Wide	Power	Water
Vehicles	\$ 779,926	513,000	856,000	160,000	645,000	1,001,000	-	457,000	544,000
Equipment & Tools	932,769	585,407	585,000	566,350	923,175	1,157,285	-	383,000	774,285
Office Furniture and Equipment	98,200	10,000	70,000	15,000	125,000	18,000	-	18,000	-
Computer Software and Hardware	786,424	578,400	705,300	222,000	539,200	637,100	378,000	157,000	102,100
Total Routine Capital	\$ 2,597,319	1,686,807	2,216,300	963,350	2,232,375	2,813,385	378,000	1,015,000	1,420,385

General Note - For budgeting purposes, routine capital is shown as a separate line item in the respective budget units.

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Agency Wide



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Placer County Water Agency

Agency Wide

2025 Budget Schedule

	2024 Adjusted Budget	2025 Adopted Budget
Revenue		
Water Sales (Long-term Contracted)	\$ 1,500,000	1,200,000
Interest Earnings	700,000	700,000
Property Tax	1,350,000	1,400,000
Rental Income	829,000	860,000
Other	65,000	65,000
Total Revenue	4,444,000	4,225,000
Operations		
Board of Directors (Note 1)	188,916	189,914
General Manager's Office:		
General Manager	823,175	820,335
Legal Services (Note 2)	234,700	242,807
Strategic Affairs - Resource Management	2,062,230	2,062,105
Administrative Services	3,223,729	3,368,592
Customer Services - Public Affairs	473,535	548,244
Financial Services	3,632,407	4,241,092
Technical Services:		
Engineering	247,131	165,211
Safety	378,974	369,775
Information Technology	4,182,758	4,579,600
Non-departmental Expenses	711,275	711,275
Service Level Support (Note 3)	(10,846,000)	(11,449,000)
Routine Capital	398,000	378,000
Total Operations	5,710,830	6,227,950
Capital Projects		
Capital Improvement Plan	10,755,000	5,122,000
County Wide Master Plan - FAP	250,000	250,000
Total Capital Projects	11,005,000	5,372,000
Summary		
Total Revenue	4,444,000	4,225,000
Total Operations	5,710,830	6,227,950
Total Capital Projects	11,005,000	5,372,000
Revenue Under Expenses	(12,271,830)	(7,374,950)
(To) From Reserves	12,271,830	7,374,950
Net	\$ -	-

Placer County Water Agency
Agency Wide
2025 Budget Schedule

Note References for Page 17

Note 1 - Board of Directors operations budget includes half of the biennial general election expenses estimated at \$140,000.

Note 2 - Legal Services' labor and benefits are budgeted one-third to each budget unit. Other operating expenses for Legal are budgeted 100% to Agency Wide and allocated annually through service level support.

Note 3 - Service Level Support is allocated to benefiting budget units and recovers the Agency's indirect costs that support the Agency Wide, Power and Water Divisions which cannot be directly attributed to individual projects, departments or activities. Since 2005, the Agency has used a Cost Allocation Plan (CAP) model for indirect cost allocation, which uses allocation factors to spread the indirect costs to the budget units. In 2021, the Agency engaged a consultant to revise and update the CAP model to utilize actual expenses from the most recent past completed year for the allocation base, instead of the proposed budget amounts. The allocated amounts below reflects allocation portions associated with 2023 Agency Wide actual amounts. Based on this lookback approach the 2025 Cost Allocation Plan model results in \$10,044,000 of service level support attributed to operating divisions and \$1,405,000 attributed to capital projects as follows:

	2024 Adjusted Budget	2025 Adopted Budget
Service Level Support:		
Power Division (Operations)	\$ (2,674,000)	(2,747,000)
Water Division (Operations)	(7,145,000)	(7,297,000)
Capital Projects	(1,027,000)	(1,405,000)
	\$ (10,846,000)	(11,449,000)

Placer County Water Agency
Agency Wide
Statement of Expenses by Department and Category
2025 Budget Schedule

	2024 Adjusted Budget	2025 Adopted Budget
Operating Expenses		
Expenses by Department:		
Board of Directors	\$ 188,916	189,914
General Manager's Office	3,120,105	3,125,247
Administrative Services	3,223,729	3,368,592
Customer Services - Public Affairs	473,535	548,244
Financial Services	3,632,407	4,241,092
Technical Services	626,105	534,986
Information Technology	4,182,758	4,579,600
Non-departmental Expenses (Note 1)	711,275	711,275
Service Level Support	(10,846,000)	(11,449,000)
Routine Capital	398,000	378,000
Total Departmental Expenses	\$ 5,710,830	6,227,950
Expenses by Category:		
Personnel Services (Salary & Benefits)	\$ 9,792,944	10,322,561
Operating Supplies	232,220	231,040
Operating Services	2,923,011	3,234,424
Insurance (Note 2)	1,213,950	1,883,260
Contracted Services	1,996,705	1,627,665
Service Level Support	(10,846,000)	(11,449,000)
Routine Capital	398,000	378,000
Total Expenses by Category	\$ 5,710,830	6,227,950

Note 1 - Non-departmental Expenses

	2024	2025
Other Post Employment Benefits (Retiree Health) Pre-Funding	113,000	110,000
CalPERS Unfunded Actuarial Liability Required Contribution	315,593	401,920
CalPERS Unfunded Actuarial Liability Discretionary Contribution	277,682	194,355
Workers' Compensation Claim Allowance	5,000	5,000
	\$ 711,275	711,275

Note 2 - Insurance for Agency Wide and Water Division is budgeted in Agency Wide and allocated through Service Level Support. Insurance for the Power Division is budgeted directly in the Power Division budget.

Placer County Water Agency
Agency Wide
Statement of Revenues, Expenses and Changes in Net Position - Actual and Budget
[Financial Statement Format]
Years 2020 - 2025

	Audited 2020	Audited 2021	Audited 2022	Audited 2023	Adjusted 2024 Budget	2025 Adopted Budget
Operating Revenue:						
Water Sales (Long-term Contracted)	\$ 962,920	2,002,788	1,752,638	2,289,419	1,500,000	1,200,000
Other	36,556	79,359	39,529	13,763	65,000	65,000
Total Operating Revenue	999,476	2,082,147	1,792,167	2,303,182	1,565,000	1,265,000
Operating Expenses:						
General and Administrative (Note 1)	1,731,674	29,645	3,886,536	4,658,453	5,312,830	5,849,950
Depreciation (Note 2)	1,070,997	1,020,802	1,005,524	702,501	-	-
Total Operating Expenses	2,802,671	1,050,447	4,892,060	5,360,954	5,312,830	5,849,950
Operating Income (Loss)	(1,803,195)	1,031,700	(3,099,893)	(3,057,772)	(3,747,830)	(4,584,950)
Non-Operating Revenue:						
Out of County Water Sales (Note 3)	6,650,000	12,500,000	14,400,000	-	-	-
Costs Recovered from Other Agencies	156,832	152,646	183,906	183,388	-	-
Investment Income (Note 4)	1,437,193	(226,534)	(1,429,496)	2,672,737	700,000	700,000
Property Taxes	1,117,624	1,206,204	1,343,615	1,367,849	1,350,000	1,400,000
Rental Income	690,000	700,000	728,000	790,000	829,000	860,000
Other (Note 5)	6,064,283	(61,923)	(55,957)	(7,336)	-	-
Total Non-Operating Revenue	16,115,932	14,270,393	15,170,068	5,006,638	2,879,000	2,960,000
Transfers	(592,996)	(2,615,763)	190,772	-	-	-
Net	13,719,741	12,686,330	12,260,947	1,948,866	(868,830)	(1,624,950)
Beginning Net Position	39,906,329	53,626,070	66,312,400	78,573,347	80,522,213	79,653,383
Ending Net Position	\$ 53,626,070	66,312,400	78,573,347	80,522,213	79,653,383	78,028,433

Note 1 - The **General and Administrative** operating expense budget does not include depreciation and excludes routine capital as these items are capitalized.

Note 2 - Depreciation - Included in the audited Financial Statement but it is not budgeted because it is not a cash outlay.

Note 3 - Out of County Water Sales revenue will be shown on the Financial Statement at time of receipt, whereas the Budget schedule shows the revenue when it is allocated.

Note 4 - Investment Income - Includes interest earnings and mark to market adjustment on investments.

Note 5 - Included in the 2020 **Other** non-operating revenue is the distribution of 2019 net revenues from the Middle Fork Project Finance Authority.

Placer County Water Agency
Agency Wide
Reserves
2025 Budget Schedule

	2024 Activity					2024	2025	2025	2025
	January 1,	Budget	CY Board Approved	Current Year	Current Year	Year-end	Adopted	Year-end	Adopted
	2024	Sources/(Uses)	(Uses)	Sources (Note 2)	Transfers (Note 3)	Estimated Balance	Sources/(Uses)	Estimated Balance	Minimum Target
Operating Reserve:									
Operational	\$ 1,961,679	(1,469,512)			1,000,000	1,492,167	(139,305)	1,352,862	2,560,000
General Elections (Note 1)	70,000	(70,000)				-	70,000	70,000	-
Total Operating Reserve	2,031,679	(1,539,512)	-	-	1,000,000	1,492,167	(69,305)	1,422,862	2,560,000
Capital Reserve:									
Vehicles, Equipment and Other Routine Capital Replacement	700,000	(305,000)				395,000		395,000	700,000
Renewable Energy Facilities	7,464,652	(4,450,000)	(455,000)	122,038		2,681,690	(25,000)	2,656,690	8,200,000
IT Infrastructure and Cybersecurity	1,000,000	(500,000)				500,000	(378,000)	122,000	1,000,000
Agency Wide Building Maintenance, New Facilities, and Improvements	1,975,129	(750,000)				1,225,129	(507,000)	718,129	3,000,000
Total Capital Reserve	11,139,781	(6,005,000)	(455,000)	122,038	-	4,801,819	(910,000)	3,891,819	12,900,000
Liabilities Reserve:									
Compensated Absences (current portion)	934,423					934,423		934,423	1,100,000
Insurance Claim Liability/Deductible	500,000					500,000		500,000	1,500,000
Pension Liability Funding Program	2,472,916	277,682				2,750,598	194,355	2,944,953	3,000,000
Total Liabilities Reserve	3,907,339	277,682	-	-	-	4,185,021	194,355	4,379,376	5,600,000
Specific Activities, Programs and Special Projects Reserve:									
MFP Water Rights Permit Extension	1,500,000	(35,000)		1,200,000	(1,000,000)	1,665,000	(35,000)	1,630,000	1,500,000
Financial Assistance Program (Grant/Loan Program)	79,440					79,440		79,440	-
Legal Defense Reserve Fund	1,531,266			1,500,000		3,031,266	(1,500,000)	1,531,266	3,000,000
Stewardship Matters	4,949,729	(3,085,000)		190,493		2,055,222	(1,600,000)	455,222	5,000,000
Yuba/Bear River Water Supply Reliability	1,150,000	(450,000)		500,000		1,200,000	(250,000)	950,000	4,500,000
Regional Water Supply Reliability Program	1,597,838	(330,000)				1,267,838	(600,000)	667,838	10,000,000
Regulatory Mandates	650,928		(650,000)			928		928	650,000
Catastrophic Events and Disaster Recovery	2,700,873			125,753		2,826,626	(2,605,000)	221,626	5,000,000
Total Specific Activities, Programs and Special Projects Reserve	14,160,074	(3,900,000)	(650,000)	3,516,246	(1,000,000)	12,126,320	(6,590,000)	5,536,320	29,650,000
Total Agency Wide Reserves	\$ 31,238,873	(11,166,830)	(1,105,000)	3,638,284	-	22,605,327	(7,374,950)	15,230,377	50,710,000

Note 1 - Operating Reserve for General Election - This account is to fund off election year's budget amount to smooth the budgeting for election cost to each year.

Note 2 - Sources - Includes Grant reimbursements.

Note 3 - Transfers - Based on Reserve analysis during the Budget process.

Agency Wide Division

Reserve Descriptions and Target Methodology

Operating Reserves

Policy: The operating reserve target balance shall be between one hundred days (3.5 months) and one hundred fifty days (5 months) of budgeted operating expenses excluding depreciation, calculated by dividing the total budgeted operating expenses by three hundred and sixty-five and multiplying one hundred fifty (upper range) and one hundred (lower range).

Operational

Description: To provide readily available funds to operate the Agency under conditions of significantly reduced revenue, unforeseen or unanticipated variations in expenses.

Target Methodology/Rationale/Considerations: Target balance shall be between one hundred days (3.5 months) and one hundred fifty days (5 months) of budgeted operating expenses excluding depreciation.

General Elections

Description: To provide annual budgeting for the biennial election costs (off cycle election).

Target Methodology/Rationale/Considerations: 1/2 of the biennial estimated election costs.

Capital Reserves

Policy: Based on the existing and future capital needs, the capital reserve target balance shall be determined by the Board of Directors during the budget process.

Vehicles, Equipment and Other Routine Capital Replacement

Description: To provide readily available funds for vehicle and equipment purchases.

Target Methodology/Rationale/Considerations: 2 year estimated equipment replacement needs.

Renewable Energy Facilities

Description: For the development and maintenance of renewable energy facilities, such as biomass or electrification infrastructure, and initiatives not related to the Middle Fork Project, but that benefit the Agency's county-wide stewardship mission.

Target Methodology/Rationale/Considerations: Percentage of Agency Wide Share of Ophir Biomass Center.

IT Infrastructure and Cybersecurity

Description: To provide readily available funds for IT infrastructure and cybersecurity needs as potential regulatory requirements or other matters dictate.

Target Methodology/Rationale/Considerations: Initial target set based on unknown, yet potential vulnerabilities will refine with new Information Security Manager. Including Disaster Recovery efforts in support of the Strategic Plan.

Agency Wide Building Maintenance, New Facilities, and Improvements

Description: To provide funds for capital needs of PCWA's Agency Wide buildings and building maintenance.

Target Methodology/Rationale/Considerations: 2 years estimated CIP needs related to Agency Wide Facilities plus funds for future building needs.

Liability Reserves

Policy: The Director of Financial Services and/or General Manager shall recommend reserve funding levels for insurance deductibles and other liabilities based on an assessment of risk and available funding.

Compensated Absences (current portion)

Description: For the current portion of the compensated absences liability.

Policy: Between 50% and 100% of accumulated employee leave balance, adjusted annual for current amount.

Insurance Claim Liability/Deductible

Description: For anticipated future costs of insurance deductibles or claim liabilities.

Target Methodology/Rationale/Considerations: Agency Wide Self Insured Worker's Compensation liability & other deductibles plus consideration as the Agency continues to analyze risk and coverage in a hard Insurance market.

Pension Liability Funding Program

Description: For anticipated future costs related to the Agency Wide portion of the Agency's Unfunded Pension Liability, post 90% funding target level.

Target Methodology/Rationale/Considerations: The current target is based on the June 30, 2019 Actuarial Evaluation and post 90% funded level. If a Section 115 Trust is established for the Agency Wide Division, this target amount would diminish. The target amount will be revised annually based on the unfunded accrued liability as provided by CalPERS.

Specific Activities, Programs and Special Projects Reserves

Policy: The Director of Financial Services and/or General Manager shall recommend reserve funding levels for specific activities, programs and special projects based on an assessment of need and available funding.

One-time County Water Sales (To Be Allocated)

Description: Agency Wide one-time water sales based on voluntary agreements to transfer water in dry year conditions. This reserve account is intended as a temporary account until such time as those funds are allocated or appropriated by the Board.

Target Methodology/Rationale/Considerations: No Target.

MFPFA Net Revenue Distributions (To Be Allocated)

Description: Cash distributions of the Middle Fork Project Finance Authority to the Agency. This reserve account is intended as a temporary account for MFP distributions to the Agency until such time as those funds are allocated or appropriated by the Board.

Target Methodology/Rationale/Considerations: No Target.

MFP Water Rights Permit Extension

Description: To fund the right of Placer County Water Agency to direct and to utilize 120,000 acre-feet of American River Water, pursuant to Placer County Water Agency's water right permits from the State of California. The complexities of this process, and the intermittent regulatory process requires setting aside funds to account for unforeseen delays, regulatory and legal defense.

Target Methodology/Rationale/Considerations: Reclamation Water Modeling and Water Forum Commitments.

Financial Assistance Program (FAP)

Description: To provide financial assistance to local districts (as defined by Board policy) for the development of eligible water supplies and facilities.

Target Methodology/Rationale/Considerations: Returned unspent FAP awards. No Target.

Legal Defense Reserve Fund

Description: To provide readily available resources for legal defense against claims arising against the Agency and litigation related to the defense of Placer County's water rights.

Target Methodology/Rationale/Considerations: Estimate based on litigating matters through State or Federal Court.

Stewardship Matters

Description: To provide readily available resources for programs and activities related to the stewardship of the County's water resources, including the consolidation, regionalization, or purchase of existing water systems.

Target Methodology/Rationale/Considerations: Consolidation Support and County's water resource needs.

Yuba/Bear River Water Supply Reliability

Description: Resources for Yuba and Bear River water supply reliability. Including Agency-wide share of the planning for potential purchase of all or part of the Drum Spaulding project.

Target Methodology/Rationale/Considerations: Purchase Planning, Estimated percentage of Drum Spaulding Project, Advocacy, Environmental, FERC Relicensing Monitoring (NID/PG&E).

Regional Water Supply Reliability Program

Description: Projects and activities that support diversification of the Agency's water supplies.

Target Methodology/Rationale/Considerations: Current needs are related to the Sacramento RiverArc Project.

Regulatory Mandates

Description: For the fiscal impact of compliance with new Federal, State and county regulations that arise periodically.

Target Methodology/Rationale/Considerations: Voluntary Agreements, Other Delta Issues, Climate Change, Water Bank.

Catastrophic Events and Disaster Recovery

Description: To provide interim appropriations and immediate funding for unforeseen needs or events that impact water resources throughout the County.

Target Methodology/Rationale/Considerations: Wildfire or other natural disasters could threaten Agency water supplies, facilities, or other infrastructure.

Power Division



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Placer County Water Agency
Power Division
2025 Budget Schedule

	2024 Adjusted Budget	2025 Adopted Budget
Revenue		
MFPFA Appropriation (Note 1)	\$ 76,614,351	75,305,074
Total Revenue	76,614,351	75,305,074
Operations		
General Manager's Office:		
Legal Services	202,540	210,644
Strategic Affairs Resource Management	936,579	820,065
Energy Marketing	1,645,227	1,656,431
Financial Services	3,422,675	3,597,736
Field Services	10,000	10,000
Power System	16,414,412	18,686,682
Technical Services	2,976,673	2,794,706
Information Technology	672,345	962,321
Non-departmental Expenses (Note 2)	1,102,000	1,339,489
Service Level Support	2,674,000	2,747,000
Routine Capital	1,447,900	1,015,000
Total Operations	31,504,351	33,840,074
Capital Projects		
Capital Improvement Plan	45,110,000	41,465,000
Total Capital Projects	45,110,000	41,465,000
Summary		
Total Revenue	76,614,351	75,305,074
Total Operations	31,504,351	33,840,074
Total Capital Projects	45,110,000	41,465,000
Revenue Under Expenses	-	-
(To) From Reserves (Note 3)	-	-
Net	\$ -	-

Note 1 - MFPFA Appropriation, the budgeted amount varies based on the annual operating and capital projects budgets. The Power Division budget includes MFPFA appropriations as revenue, because pursuant to the Joint Powers Agreement between the County and the Agency, the Middle Fork Project power sales are directed to and realized by the Authority. Additional appropriations approved during the year to increase the Capital Projects budget also increases the Revenue budget.

Note 2 - Non-departmental Expenses

	2024	2025
Other Post Employment Benefits (Retiree Health) Pre-Funding	\$ 113,000	110,000
CalPERS Unfunded Actuarial Liability Required Contribution	879,151	1,119,640
CalPERS Unfunded Actuarial Liability Discretionary Contribution	59,849	59,849
Workers' Compensation Claim Allowance	50,000	50,000
	\$ 1,102,000	1,339,489

Note 3 - Per Authority Policy, the **Reserves** for the Middle Fork Project are held by the MFPFA not the Agency, hence, no reserves are held by the Agency or presented in the Agency's Budget. The Authority's reserve amount held by MFPFA were \$58.9 million at October 31, 2024.

Placer County Water Agency
Power Division
Statement of Expenses by Department and Category
2025 Budget Schedule

	2024 Adjusted Budget	2025 Adopted Budget
Operating Expenses		
Expenses by Department:		
General Manager's Office	\$ 1,139,119	1,030,709
Energy Marketing	1,645,227	1,656,431
Financial Services (Note 1)	3,422,675	3,597,736
Field Services	10,000	10,000
Power System	16,414,412	18,686,682
Technical Services	2,976,673	2,794,706
Information Technology	672,345	962,321
Non-departmental Expenses	1,102,000	1,339,489
Service Level Support	2,674,000	2,747,000
Routine Capital	1,447,900	1,015,000
Total Departmental Expenses	\$ 31,504,351	33,840,074
Expenses by Category:		
Personnel Services (Salary & Benefits)	\$ 9,329,289	10,045,923
Operating Supplies	965,279	1,066,150
Operating Services	5,021,455	5,853,971
Insurance	2,201,900	2,400,000
Contracted Services	3,470,485	4,513,800
Cost Share Partnerships (Note 2)	3,728,000	3,745,000
FERC License Condition Implementation	2,666,043	2,453,230
Service Level Support	2,674,000	2,747,000
Routine Capital	1,447,900	1,015,000
Total Expenses by Category	\$ 31,504,351	33,840,074

Note 1 - The **Financial Services** budget is comprised primarily of insurance, cost share partnerships, and middle and back office support functions of Energy Marketing.

Note 2 - Cost Share Partnerships

	2025
US Forest Service:	
Operations and Maintenance	\$ 545,000
Heavy Maintenance	90,000
Technical Services	90,000
Subtotal US Forest Service	<u>725,000</u>
Bureau of Land Management	300,000
Bureau of Reclamation	220,000
Placer County:	
Public Safety	1,080,000
Public Accessibility	710,000
Impact on County Revenues	410,000
Administration	300,000
Subtotal Placer County	<u>2,500,000</u>
Total Cost Share Partnerships	<u>\$ 3,745,000</u>

All **Cost Share Partnerships** expenses are budgeted in the Power System budget with the exception of Impact on County Revenues and Administration which is included in the Financial Services budget.

Placer County Water Agency

Power Division

Statement of Revenues, Expenses and Changes in Net Position - Actual and Budget

[Financial Statement Format]

Years 2020 - 2025

	Audited 2020	Audited 2021	Audited 2022	Audited 2023	Adjusted 2024 Budget	2025 Adopted Budget
Revenue:						
MFPFA Appropriation (Power Sales) (Note 1)	\$ 38,192,945	35,421,810	29,336,660	34,121,756	76,614,351	75,305,074
Total Revenue	38,192,945	35,421,810	29,336,660	34,121,756	76,614,351	75,305,074
Operating Expenses:						
Electrical Operations & Maintenance	9,693,967	11,592,572	10,543,586	12,355,258	9,628,303	11,674,481
Recreation	2,338,479	2,493,901	2,658,915	2,299,454	3,030,000	3,035,000
Technical Services	1,277,394	2,509,589	3,234,319	3,473,606	2,976,673	2,794,706
Information Technology	-	-	442,353	686,415	672,345	962,321
Power General and Administrative	3,717,632	2,242,272	2,821,305	2,918,244	4,868,109	5,326,690
Administrative Services	1,024,056	1,199,125	1,377,430	780,552	-	-
Financial Services	992,499	740,119	901,381	1,736,678	3,422,675	3,597,736
Legal Services	134,156	136,147	200,756	210,990	202,540	210,644
Strategic Affairs Resource Management	213,335	338,178	548,712	574,741	936,579	820,065
Energy Marketing	1,534,511	965,304	1,320,184	1,199,143	1,645,227	1,656,431
Service Level Support	3,324,800	3,621,000	2,691,000	2,465,000	2,674,000	2,747,000
Depreciation (Note 2)	5,695,437	6,749,926	6,725,322	6,260,563	-	-
Total Operating Expenses	29,946,266	32,588,133	33,465,263	34,960,644	30,056,451	32,825,074
Operating Income (Loss)	8,246,679	2,833,677	(4,128,603)	(838,888)	46,557,900	42,480,000
Non-Operating Revenue:						
Interest Earnings and Other	481,697	74,650	(8,538)	(4,205)	-	-
Total Non-Operating Revenue:	481,697	74,650	(8,538)	(4,205)	-	-
Transfers	-	-	-	(99,613)	-	-
Net	8,728,376	2,908,327	(4,137,141)	(942,706)	46,557,900	42,480,000
Beginning Net Position	180,621,146	189,349,522	192,257,849	188,120,708	187,178,002	233,735,902
Ending Net Position	\$ 189,349,522	192,257,849	188,120,708	187,178,002	233,735,902	276,215,902

Note 1 - Power Sales - Since May 1, 2013, funds received from the sales of MFP power flow directly to MFPFA and the Agency's Power Division is funded by appropriation from MFPFA.

Note 2 - Depreciation - Included in the audited Financial Statement but it is not budgeted because it is not a cash outlay.

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Water Division



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Placer County Water Agency
Water Division
2025 Budget Schedule

	2024 Adjusted Budget	2025 Adopted Budget
Revenue		
Water Sales:		
Commodity	\$ 27,662,850	29,599,250
Fixed Charge	22,561,416	24,140,714
Renewal and Replacement	16,711,488	17,881,292
Total Water Sales	66,935,754	71,621,256
Other Revenue	4,595,910	3,354,374
Total Revenue	71,531,664	74,975,630
Operations		
Customer Services	5,236,382	5,256,851
GM Office: Legal Services	202,540	211,694
Field Services	20,672,665	21,267,665
Technical Services	13,951,632	13,639,655
Information Technology	1,460,398	1,618,680
Non-departmental Expenses	2,892,700	2,892,700
Service Level Support	7,145,000	7,297,000
Routine Capital	1,516,747	1,420,385
Total Operations	53,078,064	53,604,630
Capital Projects		
Capital Improvement Plan	14,664,600	17,586,000
Project Debt Service	3,789,000	3,785,000
Total Capital Projects - Rate Funded	18,453,600	21,371,000
Summary		
Total Revenue	71,531,664	74,975,630
Total Operations	53,078,064	53,604,630
Total Capital Projects	18,453,600	21,371,000
Revenue Under Expenses	-	-
(To) From Reserves	-	-
Net	\$ -	-

Placer County Water Agency
Water Division
2025 Revenue Budget Schedule

	2024 Adjusted Budget	2025 Adopted Budget
Revenue		
Water Sales - Treated Retail:		
Commodity	\$ 20,547,000	21,985,290
Fixed Charge	15,180,048	16,242,651
Renewal and Replacement Charge	13,579,704	14,530,283
Subtotal Water Sales - Treated Retail	49,306,752	52,758,224
Water Sales - Treated Resale: (Note 1)		
Commodity	2,384,910	2,551,854
Fixed Charge	6,804,648	7,280,973
Renewal and Replacement Charge	2,792,664	2,988,150
Subtotal Water Sales - Treated Resale	11,982,222	12,820,977
Water Sales - Untreated:		
Commodity	4,475,520	4,788,806
Resale Commodity (Note 2)	255,420	273,300
Fixed Charge	576,720	617,090
Renewal and Replacement Charge	339,120	362,859
Subtotal Water Sales - Untreated	5,646,780	6,042,055
Total Water Sales	66,935,754	71,621,256
Other Revenue:		
Approved Budget Carryover	1,323,350	-
Engineering Charges	1,134,000	1,162,350
Customer Service Charges	800,000	820,000
Contributions in Aid of Construction (Install Charges)	248,560	254,774
Interest Earnings (Operations Portion)	750,000	768,750
Interest Earnings (Capital Portion)	150,000	153,750
Other (Operating and Non-Operating)	190,000	194,750
Total Other Revenue	4,595,910	3,354,374
Total Revenue	\$ 71,531,664	74,975,630

Note 1 - Treated Water Resale and Industrial Customers

California American Water
City of Lincoln
Folsom Lake Mutual Water Company
Golden Hills Mutual Water Company
Hidden Valley Community Association
Lakeview Hills Community Association
Midway Heights
Willo-Glen Water Company
Rio Bravo

Note 2 - Untreated Water Resale Customers

Alpine Meadows Water Association
Christian Valley Park Community Service District
Dutch Flat Mutual Water
Heather Glen Community Service District
Meadow Vista County Water District

Placer County Water Agency
Water Division
Statement of Expense by Department and Category
2025 Budget Schedule

	2024 Adjusted Budget	2025 Adopted Budget
Operating Expenses		
Expenses by Department:		
Customer Services	\$ 5,236,382	5,256,851
GM Office: Legal Services	202,540	211,694
Field Services	20,672,665	21,267,665
Technical Services	13,951,632	13,639,655
Information Technology	1,460,398	1,618,680
Non-departmental Expenses (Note 1)	2,892,700	2,892,700
Service Level Support	7,145,000	7,297,000
Routine Capital	1,516,747	1,420,385
Total Departmental Expenses	\$ 53,078,064	53,604,630
Expenses by Category:		
Personnel Services (Salary & Benefits)	\$ 22,890,071	23,573,485
Operating Supplies	2,665,288	2,532,875
Chemicals	1,530,413	1,489,239
Operating Services	5,785,415	5,223,846
Purchased Water	5,752,430	6,107,000
MFP Water Pumping	1,970,000	2,450,000
Contracted Services	3,422,700	3,110,800
Service Level Support	7,145,000	7,297,000
Reserve Funding	400,000	400,000
Routine Capital	1,516,747	1,420,385
Total Expenses by Category	\$ 53,078,064	53,604,630

Note 1 -	<u>Non-departmental Expenses</u>	2024	2025
	Other Post Employment Benefits (Retiree Health) Pre-Funding	\$ 400,000	390,000
	CalPERS Unfunded Actuarial Liability Required Contribution	1,059,490	1,349,314
	CalPERS Unfunded Actuarial Liability Discretionary Contribution	913,210	703,386
	Workers Compensation Claim Allowance	120,000	50,000
	Reserve Funding (Vehicle Replacement Program)	400,000	400,000
		<u>2,892,700</u>	<u>2,892,700</u>

Placer County Water Agency
Water Division
Rate Funded Projects
Five Year Projected Capital Sources and Uses

	2024 Adjusted Budget	2025 Adopted Budget	2026 Projected Budget	2027 Projected Budget	2028 Projected Budget	2029 Projected Budget
Estimated Reserve Funds Available for Use, January 1	\$ 14,451,413	14,948,233	11,608,525	2,533,507	3,416,469	667,478
Capital Sources:						
Renewal & Replacement Charge Revenue(Note 1)	16,711,488	17,881,292	19,132,982	20,280,961	21,295,009	22,359,760
Debt Proceeds (Note 2)	2,088,932	-	-	3,250,000	3,250,000	-
Interest	150,000	150,000	150,000	150,000	150,000	150,000
Total Capital Sources	18,950,420	18,031,292	19,282,982	23,680,961	24,695,009	22,509,760
Capital Uses:						
Rate Funded Projects - in Capital Plan 5-yr Budget	14,664,600	17,586,000	24,570,000	19,010,000	23,660,000	17,000,000
Debt Service (paid in January & June)	3,789,000	3,785,000	3,788,000	3,788,000	3,784,000	3,161,000
New Debt Service (Colfax)	-	-	-	-	-	330,000
Total Capital Uses	18,453,600	21,371,000	28,358,000	22,798,000	27,444,000	20,491,000
Estimated Reserve Funds Available for Use, December 31	\$ 14,948,233	11,608,525	2,533,507	3,416,469	667,478	2,686,238

General Note - The Agency's practice is to maintain approximately \$5 million in this Renewal and Replacement reserve fund.

Note 1 - **Renewal & Replacement Charge Revenue** in years 2025 - 2027 is projected to increase based on the Rate Study, 2028 and 2029 are projected at a 5% increase.

Note 2 - **Debt Proceeds** - Final draw of \$2.1 million received in 2024 from the 2021 COPs. Colfax SRF loan proceeds anticipated in 2027 and 2028.

Placer County Water Agency
Water Division
Water Connection Charge (WCC) - Restricted
2025 Budget Schedule

Cash and Investments Balance - Beginning of Year	
	2024
Lower Zone 6 WCC Balance (Restricted)	\$ 66,412,723
Less: Rate Stabilization Reserve	10,000,000
Less: Projects Funded (amount available in construction fund)	10,542,073
Estimated Funds Available for Use, January 1	\$ 45,870,650

	2024 Adjusted Budget	2025 Adopted Budget
Estimated Funds Available for Use, January 1	\$ 45,870,650	35,284,650
Capital Sources:		
Water Connection Charge Revenue	6,000,000	7,000,000
Projected Debt Proceeds	-	75,000,000
Partner Contribution	-	43,000,000
Total Capital Sources	6,000,000	125,000,000
Capital Uses - Appropriations:		
Capital Improvement Plan Appropriation	12,460,000	139,070,000
Debt Service (paid in January & June)	4,126,000	4,119,000
Total Capital Uses	16,586,000	143,189,000
Estimated Funds Available for Use, December 31	\$ 35,284,650	17,095,650
<i>Estimated Units of Capacity (UOCs) paid</i>	263	307
Water Connection Charge Debt Outstanding (at January 1)	\$ 28,297,050	25,316,325

Placer County Water Agency
Water Division
Water Connection Charge (WCC) - Restricted
Five Year Projected Capital and Resource Needs

	2024 Adjusted Budget	2025 Adopted Budget	2026 Projected Budget	2027 Projected Budget	2028 Projected Budget	2029 Projected Budget
Estimated Funds Available for Use, January 1*	\$ 45,870,650	35,284,650	17,095,650	13,170,550	9,022,550	5,614,550
Capital Sources:						
Water Connection Charge Revenue	6,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000
Projected Partnership Contribution (Note 1)	-	43,000,000	-	-	-	-
Projected Debt Proceeds (Note 2)	-	75,000,000	-	-	-	-
Projected Grant Proceeds (Note 3)	-	-	2,358,900	3,200,000	-	-
Total Capital Sources	6,000,000	125,000,000	9,358,900	10,200,000	7,000,000	7,000,000
Capital Uses:						
Capital Improvement Plan Appropriation	9,460,000	11,070,000	1,455,000	4,320,000	1,472,000	245,000
Ophir WTP	3,000,000	128,000,000	3,300,000	1,500,000	440,000	-
Existing Debt Service (paid in January & June)	4,126,000	4,119,000	4,189,000	4,188,000	4,156,000	4,161,000
New Debt Service (Note 2)	-	-	4,340,000	4,340,000	4,340,000	4,340,000
Total Capital Uses	16,586,000	143,189,000	13,284,000	14,348,000	10,408,000	8,746,000
Estimated Funds Available for Use, December 31	\$ 35,284,650	17,095,650	13,170,550	9,022,550	5,614,550	3,868,550
Estimated Units of Capacity (UOCs) paid	263	307	307	307	307	307

Note 1 - City of Lincoln contribution of \$40 million including projected interest.

Note 2 - New Debt Service assumes a \$75M debt issuance for Ophir WTP of 30 years at 4% interest.

Note 3 - Anticipated Grant proceeds for the ARPS and ORPS Generators. (2026 amount approved, 2027 is the anticipated increase to the funding agreement)

Placer County Water Agency
Water Division
Statement of Revenues, Expenses and Changes in Net Position - Actual and Budget
[Financial Statement Format] Years 2020 - 2025

	Audited 2020	Audited 2021	Audited 2022	Audited 2023	2024 Adjusted Budget	2025 Adopted Budget
Operating Revenue:						
Water Sales	\$ 57,644,614	58,365,912	61,122,086	65,061,753	66,935,754	71,621,256
Engineering Charges	803,824	773,580	1,022,697	1,343,343	1,134,000	1,162,350
Customer Service Charges	686,222	716,060	924,021	864,522	800,000	820,000
Other Revenue	108,225	87,895	85,835	88,207	190,000	194,750
Total Operating Revenue	59,242,885	59,943,447	63,154,639	67,357,825	69,059,754	73,798,356
Operating Expenses:						
Purchased Water	4,770,465	4,710,148	5,091,299	5,402,042	5,752,430	6,107,000
Water Treatment	9,051,455	8,741,551	9,589,507	11,636,593	8,666,774	7,583,793
Pumping Plants & Wells	909,644	2,712,014	1,813,446	1,787,897	1,970,000	2,450,000
Transmission and Distribution:						
Treated Water	3,661,219	3,646,884	3,752,244	4,761,861	4,116,881	4,065,581
Untreated Water	4,536,722	3,860,441	4,379,304	5,342,325	4,469,055	4,717,262
Operations Administration	1,129,006	1,238,070	1,252,614	1,329,850	3,657,661	3,854,573
Customer Service and Collection	4,660,981	4,772,471	5,041,927	5,531,098	5,236,382	5,256,851
Automotive & Equipment	1,005,429	1,037,238	1,234,641	1,304,711	1,350,577	1,347,412
Engineering	5,071,772	3,643,484	4,338,294	4,575,939	3,321,444	3,509,098
General and Administrative	6,887,794	8,226,998	7,556,995	8,187,544	12,620,113	12,892,675
Subtotal Operating Expenses	41,684,487	42,589,299	44,050,271	49,859,860	51,161,317	51,784,245
Depreciation (Note 1)	18,687,778	19,987,320	20,537,381	21,008,771	-	-
Total Operating Expenses	60,372,265	62,576,619	64,587,652	70,868,631	51,161,317	51,784,245
Operating Income (Loss)	(1,129,380)	(2,633,172)	(1,433,013)	(3,510,806)	17,898,437	22,014,111
Non-Operating Revenue:						
Contributions in Aid of Construction	228,668	217,320	88,442	60,159	248,560	254,774
Water Connection Charge	8,730,256	14,231,261	14,326,014	10,822,775	6,000,000	7,000,000
Investment Income (Note 2)	3,571,603	(634,121)	(2,755,661)	8,022,743	750,000	768,750
Assessments	6,904	31,130	-	-	-	-
Gain (Loss) on Disposal of Assets	235,555	165,641	-	160,820	-	-
Grant	143,880	1,499,429	1,708,559	5,631,749	-	-
Other	863,612	(37,372)	(1,257,195)	681,219	-	-
Total Non-Operating Revenue	13,780,478	15,473,288	12,110,159	25,379,465	6,998,560	8,023,524
Non-Operating Expenses:						
Interest Expense	2,004,360	2,378,007	824,889	1,721,632	2,324,000	2,080,000
Total Non-Operating Expenses	2,004,360	2,378,007	824,889	1,721,632	2,324,000	2,080,000
Contributed Capital	7,136,700	4,329,400	2,735,248	1,520,500	-	-
Transfers	493,185	2,615,763	(190,772)	21,505,452	-	-
Net	18,276,623	17,407,272	12,396,733	43,172,979	22,572,997	27,957,635
Beginning Net Position	502,591,625	520,868,248	538,275,520	550,672,253	593,845,232	616,418,229
Ending Net Position	\$ 520,868,248	538,275,520	550,672,253	593,845,232	616,418,229	644,375,864

Note 1 - Depreciation - Included in the audited Financial Statement but it is not budgeted because it is not a cash outlay.

Note 2 - Investment Income - Includes interest earnings and mark to market adjustment on investments.

Placer County Water Agency
Water Division
Reserves
2025 Budget Schedule

	January 1, 2024	2024 Activity			2024 Year-end Estimated Balance	2025 Adopted Sources/(Uses)	2025 Year-End Estimated Balance	2025 Adopted Minimum Target
		Budget Sources/(Uses)	CY Board Approved (Uses)	CY Sources (Note 2)				
Operating Reserve:								
Operational	\$ 16,040,114	-		-	16,040,114		16,040,114	22,030,000
Revenue Volatility (Note 1)	5,000,000				5,000,000		5,000,000	5,000,000
American River Water Pumping (Electricity)	1,500,000				1,500,000		1,500,000	1,500,000
Total Operating Reserve	22,540,114	-	-	-	22,540,114	-	22,540,114	28,530,000
Capital Reserve:								
Building and Facilities Maintenance and Improvements	2,000,000				2,000,000		2,000,000	2,000,000
IT Infrastructure and Cybersecurity	1,000,000				1,000,000		1,000,000	1,000,000
Vehicles, Equipment and Other Routine Capital Replacement	1,500,000	400,000			1,900,000	400,000	2,300,000	1,500,000
Revolving Grant Matching Funds	500,000				500,000		500,000	500,000
Renewal and Replacement	14,451,413	-		2,088,932	16,540,345		16,540,345	49,730,000
Total Capital Reserve	19,451,413	400,000	-	2,088,932	21,940,345	400,000	22,340,345	54,730,000
Liabilities Reserve:								
Compensated Absences (current portion)	2,550,000				2,550,000		2,550,000	2,550,000
Insurance Claim Liability/Deductible	500,000				500,000		500,000	1,500,000
Pension Liability Funding Program	2,199,299	913,210			3,112,509	703,386	3,815,895	9,000,000
Total Liabilities Reserve	5,249,299	913,210	-	-	6,162,509	703,386	6,865,895	13,050,000
Specific Activities, Programs and Special Projects Reserve:								
Legal Defense Reserve Fund	1,500,000				1,500,000		1,500,000	1,500,000
Regulatory Mandates	1,000,000				1,000,000		1,000,000	1,000,000
Catastrophic Events and Disaster Recovery	5,000,000				5,000,000		5,000,000	5,000,000
Total Specific Activities, Programs and Special Projects Reserve	7,500,000	-	-	-	7,500,000	-	7,500,000	7,500,000
Total Water Division Reserves	\$ 54,740,826	1,313,210	-	2,088,932	58,142,968	1,103,386	59,246,354	103,810,000

Water Division Operations Debt

Operations Debt Outstanding (at January 1)	\$ 34,360,463	31,752,146
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Note 1 - Revenue Volatility reserve funds are available to offset potential water sales revenue shortfalls due to weather or other variances.

Note 2 - Current Year Sources includes debt proceeds of \$2.1 million received in 2024.

Water Division

Reserve Descriptions and Target Methodology

Operating Reserves

Policy: The operating reserve target balance shall be between one hundred days (3.5 months) and one hundred fifty days (5 months) of budgeted operating expenses excluding depreciation, calculated by dividing the total budgeted operating expenses by three hundred and sixty-five and multiplying one hundred fifty (upper range) and one hundred (lower range).

Operational

Description: To provide readily available funds to operate the Agency under conditions of significantly reduced revenue, unforeseen or unanticipated variations in expenses.

Target Methodology/Rationale/Considerations: Minimum 100 days of budgeted operating expenses.

Revenue Volatility

Description: To provide funds to offset potential water sales revenue shortfalls due to weather or other variances which can vary up to 20%.

Target Methodology/Rationale/Considerations: Up to 20% of the annual budgeted Water Sales commodity revenue. Minimum - Urban Water Management Plan Stage 3.

American River Water Pumping (Electricity)

Description: To provide funding for times of significant pumping or energy price volatility increasing water pumping expense.

Target Methodology/Rationale/Considerations: 2x the average electricity expense for MFP water pumping. Minimum - Urban Water Management Plan Stage 3.

Capital Reserves

Policy: Between the sum of the next two years of projected capital projects costs, excluding expansion (WCC) projects, as determined in the annual Capital Investment Program, and the next five years of projected capital project costs.

Building Maintenance, Facilities Maintenance, and Improvements

Description: To provide funds for building and facilities maintenance and improvements.

Target Methodology/Rationale/Considerations: Estimated costs of building and facility maintenance projects over next 5 years.

IT Infrastructure and Cybersecurity

Description: To provide readily available funds for IT infrastructure and cybersecurity needs as potential regulatory requirements or other matters dictate.

Target Methodology/Rationale/Considerations: Initial target set based on unknown, yet potential vulnerabilities will refine with new Information Security Manager. Including Disaster Recovery efforts in support of the Strategic Plan.

Vehicles, Equipment and Other Routine Capital Replacement

Description: To provide readily available funds for vehicle and equipment purchases.

Target Methodology/Rationale/Considerations: 2 year estimated equipment replacement needs.

Revolving Grant Matching Funds

Description: To provide readily available funds, if needed, to fund grant expenses anticipated on being reimbursed.

Target Methodology/Rationale/Considerations: Based on anticipated grant matching requirements.

Renewal and Replacement

Description: This Reserve account is a sinking fund account whereby annual Renewal and Replacement Revenue is placed then used as approved by the budget. The Reserve is to fund renewal and replacement capital projects for the existing water system.

Target Methodology/Rationale/Considerations: Based on the asset management plan of replacement analysis, the minimum target should be \$25 million.

Liability Reserves

Policy: *The Director of Financial Services and/or General Manager shall recommend reserve funding levels for insurance deductibles and other liabilities based on an assessment of risk and available funding.*

Compensated Absences (current portion)

Description: For the current portion of the compensated absences liability.

Policy: Between 50% and 100% of accumulated employee leave balance, adjusted annual for current amount.

Insurance Claim Liability/Deductible

Description: For anticipated future costs of insurance deductibles or claim liabilities.

Target Methodology/Rationale/Considerations: Self Insured Worker's Compensation liability & other deductibles plus consideration as the Agency continues to analyze risk and coverage in a hard Insurance market.

Pension Liability Funding Program

Description: For anticipated future costs related to the Water Division portion of the Agency's Unfunded Pension Liability, post 90% funding target level.

Target Methodology/Rationale/Considerations: The current target is based on the June 30, 2019 Actuarial Evaluation and post 90% funded level. If a Section 115 Trust is established for the Water Division, this target amount would diminish. The target amount will be revised annually based on the unfunded accrued liability as provided by CalPERS.

Specific Activities, Programs and Special Projects Reserves

Policy: The Director of Financial Services and/or General Manager shall recommend reserve funding levels for specific activities, programs and special projects based on an assessment of need and available funding.

Legal Defense Reserve Fund

Description: To provide readily available resources for legal defense against claims arising against the Agency and litigation related to the defense of Placer County's water rights.

Target Methodology/Rationale/Considerations: Amount based on estimate from legal counsel for Prop 218 defense, PG&E Water Rights Contract Protection.

Regulatory Mandates

Description: To provide resources for the fiscal impact of compliance with new Federal, State and County regulations between cost-of-service study cycles.

Target Methodology/Rationale/Considerations: New changes to water supplies, water sales, drought restrictions.

Catastrophic Events and Disaster Recovery

Description: To provide an immediate funding source for significant events or catastrophes.

Target Methodology/Rationale/Considerations: A minimum balance of 1-1.5% of water capital assets net of depreciation.

Capital Improvement Plan



Ben Franklin Reservoir, Penryn



Stratton Way Main Replacement, Auburn

Capital Improvement Plan

This Capital Improvement Plan (CIP) consists of three sections: 1) 2025 Capital Improvement Plan detailing the various 2025 Agency Wide, Power Division and Water Division CIP budgeted projects, 2) 2025 Capital Improvement Plan – Five Year Plan and 3) 2025 Capital Improvement Plan Project Descriptions.

The first section is the ***2025 Capital Improvement Plan***, which details the budgeted 2025 project description, the administering department, the funding source (for example, Water Connection Charge, Water Rate Revenue or Middle Fork Project) and the 2025 budgeted amounts.

The second section is the ***2025 Capital Improvement Plan - Five Year Plan***, which details the project description, anticipated funding source, administering department, the 2025 budgeted amounts and the estimated annual funding appropriation requirements for the subsequent four years (2025 – 2029).

The third section is the ***2025 Capital Improvement Plan Project Descriptions***, which presents a brief description of each 2025 project nature and details.

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2025 Capital Improvement Plan



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2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
AGENCY WIDE PROJECTS										
09018A	American River Water Rights Extension	ENG	Water Supply	917,680	-	-	-	35,000	-	35,000
22045A	Drum Spaulding Water Supply Protection	RM	Water Supply	360,154	-	-	-	250,000	-	250,000
14056W	RiverArc	ENG	Planning	484,050	-	-	-	100,000	-	100,000
21025W	Duncan Hill Treated Water Improvements Project	ENG	TWT&D	5,635,381	-	-	2,605,000	-	-	2,605,000
22027W	Old State Highway - Buena Vista to Taylor Road	ENG	TWT&D	23,130	-	-	-	1,600,000	-	1,600,000
22020A	Ferguson Office Lobby Remodel	ENG	Other	14,662	-	-	-	157,000	-	157,000
22044A	Ophir Energy Facility	ENG	Other	325	-	-	-	25,000	-	25,000
	AW Phone Project	IT	Other	-	-	-	-	200,000	-	200,000
	<i>Facility Improvements</i>			<i>178,043</i>						
	HVAC Improvements	FIELD	Facility Imprv.	-	-	-	-	50,000	-	50,000
	Building Maintenance	FIELD	Facility Imprv.	-	-	-	-	100,000	-	100,000
23022A	Facility Improvements Projects		Facility Imprv.	178,043	-	-	-	150,000	-	150,000
	Agency Wide Projects			7,613,425	-	-	2,605,000	2,517,000	-	5,122,000
COUNTY-WIDE MASTER PLAN										
	Financial Assistance Program	CWMP	Other	-	-	-	-	250,000	-	250,000
	County Wide Master Plan		Other	Ongoing	-	-	-	250,000	-	250,000
TOTAL AGENCY WIDE PROJECTS					-	-	2,605,000	2,767,000	-	5,372,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
POWER DIVISION PROJECTS (MINOR PROJECTS FOR MFP FINANCE AUTHORITY)										
14002P	Project Adjustment Fund	PWR	Planning	500,000	-	-	-	-	500,000	500,000
SUBTOTAL POWER DIVISION PROJECTS [MINOR PROJECTS FOR MFP FINANCE AUTHORITY]					-	-	-	-	500,000	500,000
POWER DIVISION PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)										
	<i>Major Projects Stand-Alone</i>									
22036P	Long Canyon Project	SARM	Environmental	80,509	-	-	-	-	400,000	400,000
17004P	French Meadows Forest Management	SARM	Environmental	265,917	-	-	-	-	250,000	250,000
20046W	ERP System	IT	Other	981,882	-	-	-	-	200,000	200,000
	<i>Sediment Removal</i>			-						
23045P	Ralston Afterbay Sediment Removal (Mosquito Fire)	PWR	Other	4,998,281	-	-	-	-	750,000	750,000
20043P	Interbay Sediment Removal	PWR	Other	19,010	-	-	-	-	2,500,000	2,500,000
23027P	Sediment Removal	PWR	Other	5,017,291	-	-	-	-	3,250,000	3,250,000
	<i>French Meadows Powerhouse Reliability Upgrades</i>			325,095						
19013P	FM Penstock Interior Inspection & Recoating	PWR	Plant	2,547,508	-	-	-	-	100,000	100,000
	FM Penstock Exterior Coating Inspection	PWR	Plant	-	-	-	-	-	250,000	250,000
19020P	FMPH Generator and GSU Protection Upgrade	PWR	Plant	71,479	-	-	-	-	50,000	50,000
20021P	FMPH Turbine PRV Replacement	PWR	Plant	848,557	-	-	-	-	2,000,000	2,000,000
	FMPH RTU Replacement	PWR	Plant	-	-	-	-	-	325,000	325,000
	LL Anderson Dam - Crest Improvements	PWR	Plant	-	-	-	-	-	50,000	50,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
	LL Anderson Dam - Log Boom Replacement	PWR	Plant	-	-	-	-	-	50,000	50,000
14007P	French Meadows Powerhouse Reliability Upgrades	PWR	Plant	3,792,639	-	-	-	-	2,825,000	2,825,000
	<i>Hell Hole Powerhouse Reliability Upgrades</i>			1,085,084						
12016P	Hell Hole Substation	PWR	Plant	800,159	-	-	-	-	800,000	800,000
14003P	Hell Hole Powerhouse Reliability Upgrades	PWR	Plant	1,885,243	-	-	-	-	800,000	800,000
	<i>Middle Fork Powerhouse Reliability Upgrades</i>			300,000						
24031P	MF Penstock Internal Coating	PWR	Plant	-	-	-	-	-	250,000	250,000
24056P	MFPH Main Transformer and Bus Protection Replacement	PWR	Plant	-	-	-	-	-	150,000	150,000
	MFPH Transformer Replacement	PWR	Plant	-	-	-	-	-	3,600,000	3,600,000
24055P	MFPH Online Partial Discharge Monitoring Upgrade	PWR	Plant	-	-	-	-	-	300,000	300,000
	MF Penstock Drainage	PWR	Plant	-	-	-	-	-	1,200,000	1,200,000
	MF Penstock External Coating Inspection	PWR	Plant	-	-	-	-	-	250,000	250,000
	MFPH Plant RTU Replacement	PWR	Plant	-	-	-	-	-	350,000	350,000
	Interbay Dam Radial Gate Structural Retrofit	PWR	Plant	-	-	-	-	-	50,000	50,000
14009P	Middle Fork Powerhouse Reliability Upgrades	PWR	Plant	300,000	-	-	-	-	6,150,000	6,150,000
	<i>Oxbow Powerhouse Reliability Upgrades</i>			130,702						
24011P	OXPH Plant RTU Replacement	PWR	Plant	-	-	-	-	-	100,000	100,000
22032P	Abay Dam Radial Gate Structural Retrofit	PWR	Plant	20,375	-	-	-	-	150,000	150,000
21009P	Abay Dam Radial Gate Hoist Improvement	PWR	Plant	174,861	-	-	-	-	650,000	650,000
24032P	Abay Dam Lift Joint "Body" Drains	PWR	Plant	-	-	-	-	-	650,000	650,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
	After-Bay LLO Gate Modifications	PWR	Plant	-	-	-	-	-	1,000,000	1,000,000
	OXPH Battery Bank Online Monitoring Equipment Upgrade	PWR	Plant	-	-	-	-	-	120,000	120,000
	After-Bay Log Boom Replacement	PWR	Plant	-	-	-	-	-	100,000	100,000
14010P	Oxbow Powerhouse Reliability Upgrades	PWR	Plant	325,938	-	-	-	-	2,770,000	2,770,000
	<i>Ralston Powerhouse Reliability Upgrades</i>			<i>61,310</i>						
19015P	RA Penstock Internal Relining	PWR	Plant	125,138	-	-	-	-	5,250,000	5,250,000
24051P	RAPH Online Partial Discharge Monitoring Upgrade	PWR	Plant	-	-	-	-	-	150,000	150,000
	RAPH Main Transformer Replacement	PWR	Plant	-	-	-	-	-	1,000,000	1,000,000
	RA Penstock External Coating Inspection	PWR	Plant	-	-	-	-	-	250,000	250,000
	RAPH Battery Bank Online Monitoring Equipment Upgrade	PWR	Plant	-	-	-	-	-	120,000	120,000
14012P	Ralston Powerhouse Reliability Upgrades	PWR	Plant	186,448	-	-	-	-	6,770,000	6,770,000
SUBTOTAL POWER DIVISION UPGRADE AND RENEWAL, REPLACEMENT & RELIABILITY PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					-	-	-	-	23,415,000	23,415,000
	<i>FERC License - Project Infrastructure</i>			<i>16,142,186</i>						
12018P	Duncan Creek Diversion Dam Upgrade & Recreation Trail	PWR	Plant	1,426,652	-	-	-	-	100,000	100,000
20006P	South Fork Long Canyon Diversion Upgrade	PWR	Plant	2,457,814	-	-	-	-	2,500,000	2,500,000
20005P	North Fork Long Canyon Diversion Upgrade	PWR	Plant	2,144,981	-	-	-	-	2,500,000	2,500,000
09009A	HH Dam Seasonal Storage	PWR	Plant	379,195	-	-	-	-	750,000	750,000
18043P	HH Outlet Works Upgrade	PWR	Plant	24,642	-	-	-	-	6,000,000	6,000,000
	Interbay Dam LLO Gate Modifications	PWR	Plant	-	-	-	-	-	100,000	100,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
15016P	MFP Cooperative Road Management	PWR	Other	665,600	-	-	-	-	250,000	250,000
23044P	Ralston Afterbay Sediment Relocation Plan (FERC SMP)	PWR	Environmental	500,000	-	-	-	-	300,000	300,000
14013P	FERC License - Project Infrastructure	PWR	Plant	23,741,070	-	-	-	-	12,500,000	12,500,000
	<i>FERC License - Project Recreation Facilities</i>			<i>2,477,866</i>						
15009P	FM South Shore Water Supply	PWR	Environmental	3,364,919	-	-	-	-	150,000	150,000
14018P	Indian Bar River Access	PWR	Environmental	1,642,903	-	-	-	-	250,000	250,000
14019P	FM Campground and Dump Station	PWR	Environmental	7,753,098	-	-	-	-	500,000	500,000
16012P	Hell Hole Recreation Work Station & Storage Facility for USFS	PWR	Environmental	7,550,250	-	-	-	-	50,000	50,000
21048P	HH Parking Improvements	PWR	Environmental	378,217	-	-	-	-	50,000	50,000
21049P	HH Support Facilities Water Supply	PWR	Environmental	1,661,188	-	-	-	-	500,000	500,000
14020P	FM Boat Ramp Extension and Picnic Area	PWR	Environmental	506,516	-	-	-	-	500,000	500,000
23033P	FM North Shore Water Supply	PWR	Environmental	466,254	-	-	-	-	100,000	100,000
23034P	McGuire Picnic Area Conversion to Group Campground	PWR	Environmental	99,899	-	-	-	-	300,000	300,000
23032P	Lewis Campground	PWR	Environmental	140,000	-	-	-	-	100,000	100,000
20028P	Afterbay Picnic Area	PWR	Environmental	93,004	-	-	-	-	800,000	800,000
20029P	MF Stream Gage Trail Improvements	PWR	Environmental	11,288	-	-	-	-	25,000	25,000
23043P	HH Worker Campground	PWR	Environmental	67,390	-	-	-	-	200,000	200,000
21022P	MFPH Pedestrian Bypass	PWR	Environmental	-	-	-	-	-	150,000	150,000
20030P	Abay Sediment Removal Access Point	PWR	Environmental	53,354	-	-	-	-	1,000,000	1,000,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
19039P	Middle Meadows Campground Vertical Well	PWR	Environmental	-	-	-	-	-	25,000	25,000
14017P	HH Boat Ramp Extension	PWR	Environmental	408,999	-	-	-	-	150,000	150,000
	Ahart Campground	PWR	Environmental	-	-	-	-	-	65,000	65,000
	Gates Group Campground	PWR	Environmental	-	-	-	-	-	65,000	65,000
	HH and Big Meadows Campground	PWR	Environmental	-	-	-	-	-	70,000	70,000
14014P	FERC License - Project Recreation Facilities	PWR	Environmental	26,675,145	-	-	-	-	5,050,000	5,050,000
SUBTOTAL POWER DIVISION FERC LICENSE PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					-	-	-	-	17,550,000	17,550,000
SUBTOTAL POWER DIVISION PROJECTS [MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY]					-	-	-	-	40,965,000	40,965,000
TOTAL POWER DIVISION PROJECTS					-	-	-	-	41,465,000	41,465,000
WATER DIVISION PROJECTS										
WATER DIVISION - EXPANSION PROJECTS										
	<i>Treatment Projects</i>									
23040W	Ophir WTP - Phase 1	ENG	Treatment	2,790,482	128,000,000	-	-	-	-	128,000,000
	Treatment Projects	ENG	Treatment	Ongoing	128,000,000	-	-	-	-	128,000,000
	<i>Treated Water Transmission & Distribution Projects</i>									
16022W	Placer Parkway Pipeline	ENG	TWT&D	153,711	8,300,000	-	-	-	-	8,300,000
21025W	Duncan Hill Treated Water Improvements Project	ENG	TWT&D	5,635,381	2,500,000	-	-	-	-	2,500,000
	Treated Water Transmission & Distribution Projects	ENG	TWT&D	Ongoing	10,800,000	-	-	-	-	10,800,000
	<i>Planning Projects</i>									
14056W	RiverArc	ENG	Planning	484,050	130,000	-	-	-	-	130,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
	2025 Urban Water Management Plan	ENG	Planning	-	40,000	-	-	-	-	40,000
	Water System Planning	ENG	Planning	-	100,000	-	-	-	-	100,000
	Planning Projects	ENG	Planning	Ongoing	270,000	-	-	-	-	270,000
SUBTOTAL WATER DIVISION EXPANSION PROJECTS					139,070,000	-	-	-	-	139,070,000
WATER DIVISION - RATES PROJECTS										
	<i>Treatment Projects</i>			<i>10,338</i>						
18005W	Colfax WTP Replacement Project	ENG	Treatment	32,009,619	-	250,000	-	-	-	250,000
	Foothill #1 ACTIFLO Mixer & Scraper Replacement	ENG	Treatment	-	-	150,000	-	-	-	150,000
24013W	Sunset WTP Basin/Floculator Rehabilitation	ENG	Treatment	27,291	-	600,000	-	-	-	600,000
24015W	Water Treatment Plant Maintenance	ENG	Treatment	-	-	325,000	-	-	-	325,000
18032W	Treatment Projects	ENG	Treatment	32,047,248	-	1,325,000	-	-	-	1,325,000
	<i>Treated Water Transmission & Distribution Projects</i>			<i>-</i>						
	Electric Street Pipeline Replacement	ENG	TWT&D	-	-	250,000	-	-	-	250,000
22027W	Old State Highway - Buena Vista to Taylor Road	ENG	TWT&D	23,130	-	1,500,000	-	-	-	1,500,000
	Water Meter Retrofit Program - CII	CS	TWT&D	-	-	250,000	-	-	-	250,000
	Water Meter Retrofit Program - Residential	CS	TWT&D	-	-	250,000	-	-	-	250,000
	Tinker PS HVAC Modification	Field	TWT&D	-	-	25,000	-	-	-	25,000
	Aeolia Drive Pipe Replacement	ENG	TWT&D	-	-	700,000	-	-	-	700,000
18033W	Treated Water Transmission & Distribution	ENG	TWT&D	23,130	-	2,975,000	-	-	-	2,975,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
	<i>Treated Water Transmission & Distribution - Other Projects</i>			77,413						
	Non Agency Project Facility Relocation	ENG	TWT&D-O	-	-	100,000	-	-	-	100,000
22002W	Treated Water Transmission & Distribution - Other Projects	ENG	TWT&D-O	77,413	-	100,000	-	-	-	100,000
	<i>Raw Water Transmission & Distribution Projects</i>			49,677						
21015W	I-80 RW Crossings Replacement	ENG	RWT&D	99,655	-	5,800,000	-	-	-	5,800,000
	ARPS Intake #6 Repair & Condition Assessment	ENG	RWT&D	-	-	300,000	-	-	-	300,000
18023W	Ben Franklin Canal Repair Stn 9 to 20	ENG	RWT&D	663,568	-	1,000,000	-	-	-	1,000,000
	2025 RWT&D Maintenance	ENG	RWT&D	-	-	490,000	-	-	-	490,000
22013W	Antelope Siphon Blowoff	ENG	RWT&D	67,785	-	100,000	-	-	-	100,000
	Raw Water Efficiency Electrical Control Cabinets	ENG	RWT&D	-	-	300,000	-	-	-	300,000
18034W	Raw Water Transmission & Distribution Projects	ENG	RWT&D	880,686	-	7,990,000	-	-	-	7,990,000
	<i>Treated Water Storage Projects</i>			2,294						
21044W	Alta Redwood Tank Replacement	ENG	TW Storage	28,757	-	200,000	-	-	-	200,000
	Colfax Tanks (1 MG & 0.3 MG) Roof Recoating	ENG	TW Storage	-	-	150,000	-	-	-	150,000
	Foothill Tank (1 MG) Roof Recoating	ENG	TW Storage	-	-	200,000	-	-	-	200,000
21012W	Monte Vista Tank Replacement	ENG	TW Storage	764,810	-	200,000	-	-	-	200,000
18035W	Treated Water Storage Projects	ENG	TW Storage	795,861	-	750,000	-	-	-	750,000
	<i>Raw Water Storage Projects</i>			847						
17011W	Lake Alta Dam Modifications	ENG	RW Storage	85,732	-	250,000	-	-	-	250,000
18036W	Raw Water Storage Projects	ENG	RW Storage	86,579	-	250,000	-	-	-	250,000

2025 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2025 TOTAL
	<i>Field Services Projects</i>									
19001W	Field Services RWCIP	FIELD	Various	136,915	-	425,000	-	-	-	425,000
	Field Guniting CIP	FIELD	Various	-	-	1,400,000	-	-	-	1,400,000
19003W	Field Services TWCIP	FIELD	Various	77	-	900,000	-	-	-	900,000
24019W	Field Services Raw Water Efficiency	FIELD	Various	100,000	-	700,000	-	-	-	700,000
	Field Services Projects	FIELD	Various	Ongoing	-	3,425,000	-	-	-	3,425,000
	<i>Instrumentation, Control, and SCADA Projects</i>			150,379						
	Foothill WTP SCADA PLC Phase 3	IT	I, C, & SCADA	-	-	300,000	-	-	-	300,000
	Water System Reservoir Storage Level Monitoring	SARM	I, C, & SCADA	-	-	96,000	-	-	-	96,000
22016W	Instrumentation, Control, and SCADA Projects	IT	I, C, & SCADA	150,379	-	396,000	-	-	-	396,000
	<i>Planning Projects</i>									
	2025 Water System Renewal and Replacement Planning	ENG	Planning	-	-	40,000	-	-	-	40,000
	Arc Flash Analysis	ENG	Planning	-	-	50,000	-	-	-	50,000
	Urban Water Management Plan	ENG	Planning	-	-	40,000	-	-	-	40,000
	Planning Projects	ENG	Planning	Ongoing	-	130,000	-	-	-	130,000
	<i>Other Projects</i>									
22029W	Water System Security Improvements - Phase 2	ENG	Miscellaneous	89,597	-	185,000	-	-	-	185,000
	Facility Maintenance (Water Division)	FIELD	Miscellaneous	-	-	60,000	-	-	-	60,000
	Other Projects	ENG	Miscellaneous	Ongoing	-	245,000	-	-	-	245,000
SUBTOTAL WATER DIVISION - RATES PROJECTS					-	17,586,000	-	-	-	17,586,000
TOTAL WATER DIVISION PROJECTS					139,070,000	17,586,000	-	-	-	156,656,000
TOTAL CIP BUDGET					139,070,000	17,586,000	2,605,000	2,767,000	41,465,000	203,493,000

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Five Year Capital Improvement Plan



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2025 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
AGENCY WIDE PROJECTS										
09018A	American River Water Rights Extension	ENG	Water Supply	917,680	35,000	350,000	35,000	-	-	420,000
22045A	Drum Spaulding Water Supply Protection	RM	Water Supply	360,154	250,000	50,000	50,000	50,000	50,000	450,000
14056W	RiverArc	ENG	Planning	484,050	100,000	75,000	70,000	35,000	35,000	315,000
	Foresthill Facility Center Exterior Painting	PWR	Other	-	-	-	-	200,000	-	200,000
21025W	Duncan Hill Treated Water Improvements Project	ENG	TWT&D	5,635,381	2,605,000	-	-	-	-	2,605,000
22027W	Old State Highway - Buena Vista to Taylor Road	ENG	TWT&D	23,130	1,600,000	-	-	-	-	1,600,000
22020A	Ferguson Office Lobby Remodel	ENG	Other	14,662	157,000	-	-	-	-	157,000
22044A	Biomass Arbor	ENG	Other	325	25,000	-	-	-	-	25,000
	AW Phone Project	IT	Other	-	200,000	-	-	-	-	200,000
	<i>Facility Improvements</i>			<i>130,047</i>						
	HVAC Improvements	FIELD	Facility Imprv.	-	50,000	-	-	-	-	50,000
	Building Maintenance	FIELD	Facility Imprv.	-	100,000	100,000	100,000	100,000	100,000	500,000
23022A	Facility Improvements Projects		Facility Imprv.	130,047	150,000	100,000	100,000	100,000	100,000	550,000
	Agency Wide Projects				5,122,000	575,000	255,000	385,000	185,000	6,522,000
COUNTY-WIDE MASTER PLAN										
	Financial Assistance Program	CWMP	Other	-	250,000	-	-	-	-	250,000
	County Wide Master Plan		Other	Ongoing	250,000	-	-	-	-	250,000
TOTAL AGENCY WIDE PROJECTS					5,372,000	575,000	255,000	385,000	185,000	6,772,000

2025 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
POWER DIVISION PROJECTS (MINOR PROJECTS FOR MFP FINANCE AUTHORITY)										
14002P	Project Adjustment Fund	PWR	Planning	500,000	500,000	-	-	-	-	500,000
	Jib Crane Replacement	PWR	Plant	-	-	250,000	-	-	-	250,000
	MFP Turbine Vibration Monitoring System	PWR	Plant	-	-	450,000	-	-	-	450,000
SUBTOTAL POWER DIVISION PROJECTS [MINOR PROJECTS FOR MFP FINANCE AUTHORITY]					500,000	700,000	-	-	-	1,200,000
POWER DIVISION PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)										
	<i>Major Projects Stand-Alone</i>									
22036P	Long Canyon Project	SARM	Environmental	80,509	400,000	400,000	300,000	300,000	300,000	1,700,000
17004P	French Meadows Forest Management	SARM	Environmental	210,717	250,000	50,000	50,000	50,000	50,000	450,000
20046W	ERP System	IT	Other	981,882	200,000	-	-	-	-	200,000
	Backup Generator Upgrades	PWR	Plant	-	-	2,000,000	100,000	-	-	2,100,000
	<i>Sediment Removal</i>			-						
20043P	Interbay Sediment Removal	PWR	Plant	19,010	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
23045P	Ralston Afterbay Sediment Removal (Mosquito Fire)	PWR	Plant	4,998,281	750,000	-	-	-	-	750,000
23027P	Sediment Removal	PWR	Other	5,017,291	3,250,000	2,500,000	2,500,000	2,500,000	2,500,000	13,250,000
	<i>French Meadows Powerhouse Reliability Upgrades</i>			325,095						
19013P	FM Penstock Interior Relining	PWR	Plant	2,547,508	100,000	25,000	-	-	-	125,000
	FM Penstock External Coating Inspection	PWR	Plant	-	250,000	-	-	-	-	250,000
19020P	FMPH Generator and GSU Protection Upgrade	PWR	Plant	71,479	50,000	-	-	-	-	50,000
24052P	FMPH Transmission Line Protection Upgrade	PWR	Plant	-	-	350,000	-	-	-	350,000

2025 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
20021P	FMPH Turbine PRV Replacement	PWR	Plant	848,557	2,000,000	-	-	-	-	2,000,000
	FMPH Plant RTU Replacement	PWR	Plant	-	325,000	-	-	-	-	325,000
	FMPH Unit Control Board Upgrade	PWR	Plant	-	-	200,000	200,000	-	-	400,000
	FMPH Station Service Modernization	PWR	Plant	-	-	-	350,000	350,000	600,000	1,300,000
23041P	FMPH Main Transformer Replacement	PWR	Plant	-	-	-	600,000	-	-	600,000
	LL Anderson Dam - Crest Improvements	PWR	Plant	-	50,000	400,000	8,000,000	250,000	-	8,700,000
	LL Anderson Dam to Duncan Creek Comm	PWR	Plant	-	-	50,000	100,000	600,000	-	750,000
	FMPH Overhaul & Generator Rewind	PWR	Plant	-	-	200,000	200,000	2,000,000	2,000,000	4,400,000
	FMPH existing GSU XFMR Refurbish	PWR	Plant	-	-	-	-	200,000	1,000,000	1,200,000
	LL Anderson Dam - Log Boom Replacement	PWR	Plant	-	50,000	75,000	500,000	-	-	625,000
14007P	French Meadows Powerhouse Reliability Upgrades	PWR	Plant	3,792,639	2,825,000	1,300,000	9,950,000	3,400,000	3,600,000	21,075,000
	<i>Hell Hole Powerhouse Reliability Upgrades</i>			<i>1,085,084</i>						
24054P	Hell Hole Excitation Improvements	PWR	Plant	-	-	120,000	-	-	-	120,000
12016P	Hell Hole Substation	PWR	Plant	800,159	800,000	8,500,000	-	-	-	9,300,000
	Hell Hole Dam Low Level Outlet Tunnel Safety Improvements	PWR	Plant	-	-	-	250,000	2,500,000	-	2,750,000
14003P	Hell Hole Powerhouse Reliability Upgrades	PWR	Plant	1,885,243	800,000	8,620,000	250,000	2,500,000	-	12,170,000
	<i>Middle Fork Powerhouse Reliability Upgrades</i>			<i>300,000</i>						
24031P	MF Penstock Internal Coating	PWR	Plant	-	250,000	-	-	500,000	3,000,000	3,750,000
24056P	MFPH Main Transformer and Bus Protection Replacement	PWR	Plant	-	150,000	250,000	-	-	-	400,000
	MFPH Transformer Replacement	PWR	Plant	-	3,600,000	1,000,000	-	-	-	4,600,000

2025 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
24055P	MFPH Online Partial Discharge Monitoring Upgrade	PWR	Plant	-	300,000	-	-	-	-	300,000
	MFPH Battery Bank Online Monitoring Upgrade and Rack Replacement	PWR	Plant	-	-	120,000	-	-	-	120,000
	MF Penstock Drainage	PWR	Plant	-	1,200,000	75,000	75,000	-	-	1,350,000
	MF Penstock External Coating Inspection	PWR	Plant	-	250,000	-	-	-	-	250,000
	MFPH Plant RTU Replacement	PWR	Plant	-	350,000	100,000	-	-	-	450,000
	MFPH Station Service Modernization	PWR	Plant	-	-	100,000	700,000	-	2,000,000	2,800,000
	MFPH Unit 1 Overhaul & Generator Rewind	PWR	Plant	-	-	200,000	2,000,000	2,000,000	-	4,200,000
	Interbay Dam Radial Gate Structural Retrofit	PWR	Plant	-	50,000	100,000	200,000	200,000	-	550,000
	MFPH Unit Control Board Upgrade	PWR	Plant	-	-	150,000	150,000	75,000	-	375,000
	MFPH 60k V & 230 kV T-Line Protection Upgrade	PWR	Plant	-	-	250,000	150,000	-	-	400,000
14009P	Middle Fork Powerhouse Reliability Upgrades	PWR	Plant	300,000	6,150,000	2,345,000	3,275,000	2,775,000	5,000,000	19,545,000
	<i>Oxbow Powerhouse Reliability Upgrades</i>			<i>130,702</i>						
	OXPH Intake Gate Hoist Replacement	PWR	Plant	-	-	1,200,000	350,000	150,000	-	1,700,000
	OXPH Bus & T-Line Protection Replacement	PWR	Plant	-	-	250,000	-	-	-	250,000
24011P	OXPH Plant RTU Replacement	PWR	Plant	-	100,000	-	-	-	-	100,000
22032P	Abay Dam Radial Gate Structural Retrofit	PWR	Plant	20,375	150,000	200,000	200,000	-	-	550,000
21009P	Abay Dam Radial Gate Hoist Improvement	PWR	Plant	174,861	650,000	-	-	-	-	650,000
24032P	Abay Dam Lift Joint "Body" Drains	PWR	Plant	-	650,000	-	-	-	-	650,000
	After-Bay LLO Gate Modifications	PWR	Plant	-	1,000,000	250,000	-	-	-	1,250,000
	OXPH Battery Bank Online Monitoring Equipment Upgrade	PWR	Plant	-	120,000	-	-	-	-	120,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
	After-Bay Log Boom Replacement	PWR	Plant	-	100,000	100,000	500,000	-	-	700,000
	OXPH Unit Control Board Upgrades	PWR	Plant	-	-	100,000	100,000	100,000	-	300,000
	OXPH Station Service Modernization	PWR	Plant	-	-	-	350,000	350,000	-	700,000
	OXPH Unit Overhaul & Generator Rewind	PWR	Plant	-	-	-	200,000	200,000	2,000,000	2,400,000
14010P	Oxbow Powerhouse Reliability Upgrades	PWR	Plant	325,938	2,770,000	2,100,000	1,700,000	800,000	2,000,000	9,370,000
	<i>Ralston Powerhouse Reliability Upgrades</i>			<i>61,310</i>						
19015P	RA Penstock Internal Relining	PWR	Plant	125,138	5,250,000	250,000	250,000	250,000	-	6,000,000
	RA Penstock Access Improvements	PWR	Plant	-	-	1,500,000	500,000	-	-	2,000,000
24051P	RAPH Online Partial Discharge Monitoring Upgrade	PWR	Plant	-	150,000	-	-	-	-	150,000
	RA Penstock External Coating Inspection	PWR	Plant	-	250,000	-	-	-	-	250,000
	RAPH Battery Bank Online monitoring Equipment Upgrade	PWR	Plant	-	120,000	-	-	-	-	120,000
	RAPH Main Transformer Replacement	PWR	Plant	-	1,000,000	-	-	-	-	1,000,000
	RAPH XFMR & Transmission Line Protection Replacement	PWR	Plant	-	-	350,000	150,000	-	-	500,000
	RAPH Plant RTU Replacement	PWR	Plant	-	-	350,000	100,000	-	-	450,000
	RAPH Unit Control Board Upgrade	PWR	Plant	-	-	-	150,000	150,000	-	300,000
	RAPH Station Service Modernization	PWR	Plant	-	-	-	-	600,000	600,000	1,200,000
14012P	Ralston Powerhouse Reliability Upgrades	PWR	Plant	186,448	6,770,000	2,450,000	1,150,000	1,000,000	600,000	11,970,000
SUBTOTAL POWER DIVISION UPGRADE AND RENEWAL, REPLACEMENT & RELIABILITY PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					23,415,000	21,765,000	19,275,000	13,325,000	14,050,000	91,830,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
	<i>FERC License - Project Infrastructure</i>			<i>16,142,186</i>						
12018P	Duncan Creek Diversion Dam Upgrade & Recreation Trail	PWR	Plant	1,426,652	100,000	100,000	100,000	-	-	300,000
20006P	South Fork Long Canyon Diversion Upgrade	PWR	Plant	2,457,814	2,500,000	120,000	120,000	75,000	-	2,815,000
20005P	North Fork Long Canyon Diversion Upgrade	PWR	Plant	2,144,981	2,500,000	120,000	120,000	75,000	-	2,815,000
09009A	HH Dam Seasonal Storage	PWR	Plant	379,195	750,000	150,000	150,000	-	-	1,050,000
21021P	MFP Power and Communication Pole	PWR	Plant	360,048	-	-	2,000,000	-	3,000,000	5,000,000
18043P	HH Outlet Works Upgrade	PWR	Plant	24,642	6,000,000	500,000	100,000	-	-	6,600,000
	MFP Facility Painting - Visual Resource Management Plan	PWR	Plant	-	-	200,000	-	-	-	200,000
	Interbay LLO Gate Modifications	PWR	Plant	-	100,000	250,000	1,000,000	-	-	1,350,000
15016P	MFP Cooperative Road Management	PWR	Plant	665,600	250,000	250,000	250,000	250,000	-	1,000,000
23044P	Ralston Afterbay Sediment Relocation Plan (FERC SMP)	PWR	Environmental	500,000	300,000	300,000	-	6,500,000	150,000	7,250,000
14013P	FERC License - Project Infrastructure	PWR	Plant	24,101,118	12,500,000	1,990,000	3,840,000	6,900,000	3,150,000	28,380,000
	<i>FERC License - Project Recreation Facilities</i>			<i>2,477,866</i>						
15009P	FM South Shore Water Supply	ENG	Environmental	3,364,919	150,000	150,000	-	-	-	300,000
14018P	Indian Bar River Access	ENG	Environmental	1,642,903	250,000	100,000	-	-	-	350,000
14019P	FM Campground and Dump Station	ENG	Environmental	7,753,098	500,000	500,000	-	-	-	1,000,000
16012P	Hell Hole Recreation Work Station & Storage Facility for USFS	ENG	Environmental	7,550,250	50,000	500,000	250,000	-	-	800,000
21048P	HH Parking Improvements	ENG	Environmental	378,217	50,000	100,000	-	-	-	150,000
21049P	HH Support Facilities Water Supply	ENG	Environmental	1,661,188	500,000	900,000	-	-	-	1,400,000
14020P	FM Boat Ramp Extension and Picnic Area	ENG	Environmental	506,516	500,000	500,000	1,500,000	-	-	2,500,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
23033P	FM North Shore Water Supply	ENG	Environmental	466,254	100,000	500,000	4,000,000	500,000	-	5,100,000
23034P	McGuire Picnic Area Conversion to Group Campground	ENG	Environmental	99,899	300,000	500,000	500,000	1,500,000	-	2,800,000
23032P	Lewis Campground	ENG	Environmental	140,000	100,000	200,000	500,000	1,500,000	-	2,300,000
20028P	Afterbay Picnic Area	ENG	Environmental	93,004	800,000	-	-	-	-	800,000
20029P	MF Stream Gage Trail Improvements	ENG	Environmental	11,288	25,000	50,000	-	-	-	75,000
23043P	HH Worker Campground	ENG	Environmental	67,390	200,000	1,000,000	50,000	-	-	1,250,000
21022P	MFPH Pedestrian Bypass	ENG	Environmental	-	150,000	400,000	-	-	-	550,000
20030P	Abay Sediment Removal Access Point	ENG	Environmental	53,354	1,000,000	50,000	-	-	-	1,050,000
	Middle Meadows CG Vertical Well	ENG	Environmental	-	25,000	-	-	-	-	25,000
14017P	HH Boat Ramp Extension	ENG	Environmental	408,999	150,000	500,000	2,000,000	-	-	2,650,000
	Ahart CG	ENG	Environmental	-	65,000	50,000	50,000	125,000	125,000	415,000
	Gates Group Campground	ENG	Environmental	-	65,000	50,000	50,000	125,000	125,000	415,000
	HH and Big Meadows Campground	ENG	Environmental	-	70,000	140,000	70,000	250,000	500,000	1,030,000
	Coyote Group Campground	ENG	Environmental	-	-	-	-	160,000	160,000	320,000
22043P	HH Upper Campground	ENG	Environmental	135,000	-	200,000	300,000	1,000,000	-	1,500,000
	HH Vista (13 yrs)	ENG	Environmental	-	-	-	-	10,000	10,000	20,000
	McGuire Boat Ramp & Parking Area, Poppy Creek CG	ENG	Environmental	-	-	-	-	200,000	250,000	450,000
	Poppy Campground and Trail (13 yrs)	ENG	Environmental	-	-	-	50,000	150,000	150,000	350,000
14014P	FERC License - Project Recreation Facilities	ENG	Environmental	26,810,145	5,050,000	6,390,000	9,320,000	5,520,000	1,320,000	27,600,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
SUBTOTAL POWER DIVISION FERC LICENSE PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					17,550,000	8,380,000	13,160,000	12,420,000	4,470,000	55,980,000
SUBTOTAL POWER DIVISION PROJECTS [MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY]					40,965,000	30,145,000	32,435,000	25,745,000	18,520,000	147,810,000
TOTAL POWER DIVISION PROJECTS					41,465,000	30,845,000	32,435,000	25,745,000	18,520,000	149,010,000
WATER DIVISION PROJECTS										
WATER DIVISION - EXPANSION PROJECTS										
	<i>Treatment Projects</i>									
23040W	Ophir WTP - Phase 1	ENG	Treatment	2,790,482	128,000,000	3,300,000	1,500,000	440,000	-	133,240,000
23015W	ARPS and ORPS Standby Power Phase 2	ENG	Treatment	7,694,603	-	500,000	-	-	-	500,000
	Treatment Projects	ENG	Treatment	Ongoing	128,000,000	3,800,000	1,500,000	440,000	-	133,740,000
	<i>Treated Water Transmission & Distribution Projects</i>									
16022W	Placer Parkway Pipeline	ENG	TWT&D	153,711	8,300,000	830,000	-	-	-	9,130,000
	Industrial Ave. Pipeline	ENG	TWT&D	-	-	-	-	1,377,000	-	1,377,000
21017W	Barton Rd. Pipeline - Phase 1 (La Vista Dr. to Brace Rd.)	ENG	TWT&D	87,980	-	50,000	4,200,000	-	-	4,250,000
21025W	Duncan Hill Treated Water Improvements Project	ENG	TWT&D	5,635,381	2,500,000	-	-	-	-	2,500,000
	Treated Water Transmission & Distribution Projects	ENG	TWT&D	Ongoing	10,800,000	880,000	4,200,000	1,377,000	-	17,257,000
	<i>Raw Water Transmission & Distribution Projects</i>									
	Rock Creek Pump Station	ENG	RWT&D	-	-	-	-	-	150,000	150,000
	Raw Water Transmission & Distribution Projects	ENG	RWT&D	Ongoing	-	-	-	-	150,000	150,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
	<i>Planning Projects</i>									
14056W	RiverArc	ENG	Planning	484,050	130,000	55,000	60,000	95,000	95,000	435,000
	2025 Urban Water Management Plan	ENG	Planning	-	40,000	20,000	-	-	-	60,000
	Water System Planning	ENG	Planning	-	100,000	-	60,000	-	-	160,000
	Planning Projects	ENG	Planning	Ongoing	270,000	75,000	120,000	95,000	95,000	655,000
SUBTOTAL WATER DIVISION EXPANSION PROJECTS					139,070,000	4,755,000	5,820,000	1,912,000	245,000	151,802,000
WATER DIVISION - RATES PROJECTS										
	<i>Treatment Projects</i>			<i>10,338</i>						
	Bowman WTP Upgrades - Phase 4	ENG	Treatment	-	-	-	350,000	1,800,000	-	2,150,000
18005W	Colfax WTP Replacement Project	ENG	Treatment	32,009,619	250,000	-	-	-	-	250,000
	Foothill WTP Rehabilitation	ENG	Treatment	-	-	2,000,000	3,000,000	4,000,000	-	9,000,000
	Foothill #1 ACTIFLO Mixer & Scraper Replacement	ENG	Treatment	-	150,000	2,000,000	-	-	-	2,150,000
24013W	Sunset WTP Basin/Flocculator Rehabilitation	ENG	Treatment	27,291	600,000	1,500,000	-	-	-	2,100,000
	Sunset WTP Communication Tower and Generator Replacement	ENG	Treatment	-	-	-	-	30,000	-	30,000
	Alta Forebay Bypass	ENG	Treatment	-	-	-	-	50,000	150,000	200,000
24015W	Water Treatment Plant Maintenance	ENG	Treatment	-	325,000	-	-	-	-	325,000
	Colfax WTP Abandonment and Demolition	ENG	Treatment	-	-	-	75,000	-	-	75,000
18032W	Treatment Projects	ENG	Treatment	32,047,248	1,325,000	5,500,000	3,425,000	5,880,000	150,000	16,280,000
	<i>Treated Water Transmission & Distribution Projects</i>			<i>-</i>						
22015W	Bowman Pipeline Replacement - Porter Dr to Haines Rd	ENG	TWT&D	44,468	-	2,400,000	-	-	-	2,400,000
24012W	Fulweiler Ave to Garfield St. Main Replacement	ENG	TWT&D	25,263	-	1,500,000	-	-	-	1,500,000
	Electric Street Pipeline Replacement	ENG	TWT&D	-	250,000	2,500,000	-	-	-	2,750,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
	Rocklin Pipeline Replacement Program	ENG	TWT&D	-	-	-	300,000	3,400,000	3,400,000	7,100,000
23002W	Sunset Blvd Pipeline Replacement - Whitney to 3rd	ENG	TWT&D	46,332	-	3,200,000	-	-	-	3,200,000
22027W	Old State Highway - Buena Vista to Taylor Road	ENG	TWT&D	23,130	1,500,000	-	-	-	-	1,500,000
	System Filling Stations	ENG	TWT&D	-	-	-	-	-	50,000	50,000
	Water Meter Retrofit Program - CII	CS	TWT&D	-	250,000	680,000	680,000	-	-	1,610,000
	Water Meter Retrofit Program - Residential	CS	TWT&D	-	250,000	500,000	500,000	1,400,000	1,400,000	4,050,000
	Weimar System AMI	CS	TWT&D	-	-	-	-	200,000	180,000	380,000
	Tinker PS HVAC Modification	Field	TWT&D	-	25,000	-	-	-	-	25,000
	Langs Hill	ENG	TWT&D	-	-	250,000	2,500,000	-	-	2,750,000
	Washington Irving	ENG	TWT&D	-	-	-	320,000	4,000,000	-	4,320,000
	Canyon Way Loop	ENG	TWT&D	-	-	-	-	300,000	3,500,000	3,800,000
	Aeolia Drive Pipe Replacement	ENG	TWT&D	-	700,000	-	-	-	-	700,000
18033W	Treated Water Transmission & Distribution	ENG	TWT&D	139,193	2,975,000	11,030,000	4,300,000	9,300,000	8,530,000	36,135,000
	<i>Treated Water Transmission & Distribution - Other Projects</i>			<i>77,413</i>						
	Non Agency Project Facility Relocation	ENG	TWT&D-O	-	100,000	120,000	120,000	120,000	120,000	580,000
22002W	Treated Water Transmission & Distribution - Other Projects	ENG	TWT&D-O	77,413	100,000	120,000	120,000	120,000	120,000	580,000
	<i>Raw Water Transmission & Distribution Projects</i>			<i>49,677</i>						
21015W	I-80 RW Crossings Replacement	ENG	RWT&D	99,655	5,800,000	-	2,250,000	2,250,000	2,250,000	12,550,000
	Auburn Tunnel Pump Station 1,2, & 3 Pumps R&R	FIELD	RWT&D	-	-	300,000	300,000	300,000	300,000	1,200,000
	American River Pump Station Pump R&R	FIELD	RWT&D	-	-	300,000	300,000	300,000	300,000	1,200,000
	ARPS Intake #6 Repair & Condition Assessment	ENG	RWT&D	-	300,000	-	-	-	-	300,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
	Kilmer Siphon Replacement	ENG	RWT&D	-	-	400,000	-	-	-	400,000
	Lower Banvard Pipe (Lozanos Rd.)	ENG	RWT&D	-	-	-	-	800,000	-	800,000
	Middle Fiddler Railroad Flume Repair	ENG	RWT&D	-	-	50,000	-	-	-	50,000
18023W	Ben Franklin Canal Repair Stn 9 to 20	ENG	RWT&D	663,568	1,000,000		-	-	-	1,000,000
	Moore Canal Fish Screen	ENG	RWT&D	-	-	300,000	400,000	-	-	700,000
	Lakeshore Flume Replacement	ENG	RWT&D	-	-	-	-	-	200,000	200,000
	Rock Creek Pump Station	ENG	RWT&D	-	-	-	-	-	300,000	300,000
	2025 RWT&D Maintenance	ENG	RWT&D	-	490,000	-	-	-	-	490,000
22013W	Antelope Siphon Blowoff	ENG	RWT&D	67,785	100,000	-	-	-	-	100,000
	Turner Pump Station	FIELD	RWT&D	-	-	-	100,000	-	-	100,000
	Raw Water Efficiency Electrical Control Cabinets	ENG	RWT&D	-	300,000	-	-	-	-	300,000
18034W	Raw Water Transmission & Distribution Projects	ENG	RWT&D	880,686	7,990,000	1,350,000	3,350,000	3,650,000	3,350,000	19,690,000
	<i>Treated Water Storage Projects</i>			<i>2,294</i>						
21044W	Alta Redwood Tank Replacement	ENG	TW Storage	28,757	200,000	1,500,000	-	-	-	1,700,000
	Meadow Vista Intertie	ENG	TW Storage	-	-	-	-	-	300,000	300,000
	Midas Tank (3 MG) Interior Recoating	ENG	TW Storage	-	-	-	1,000,000	-	-	1,000,000
	Colfax Tanks (1 MG & 0.3 MG) Roof Recoating	ENG	TW Storage	-	150,000	-	-	-	-	150,000
	Foothill Tank (1 MG) Roof Recoating	ENG	TW Storage	-	200,000	-	-	-	-	200,000
	Tank Recoating	ENG	TW Storage	-	-	-	-	1,000,000	1,000,000	2,000,000
21012W	Monte Vista Tank Replacement	ENG	TW Storage	764,810	200,000	-	-	-	-	200,000
17008W	Colfax Ballpark Tank Slope Stabilization	ENG	TW Storage	2,437	-	-	415,000	-	-	415,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
18035W	Treated Water Storage Projects	ENG	TW Storage	798,298	750,000	1,500,000	1,415,000	1,000,000	1,300,000	5,965,000
	<i>Raw Water Storage Projects</i>			<i>847</i>						
17011W	Lake Alta Dam Modifications	ENG	RW Storage	85,732	250,000	-	2,400,000	60,000	-	2,710,000
18036W	Raw Water Storage Projects	ENG	RW Storage	86,579	250,000	-	2,400,000	60,000	-	2,710,000
	<i>Field Services Projects</i>									
19001W	Field Services RWCIP	FIELD	Various	136,915	425,000	550,000	550,000	550,000	550,000	2,625,000
	Field Gunite CIP	FIELD	Various	-	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	7,000,000
19003W	Field Services TWCIP	FIELD	Various	77	900,000	900,000	500,000	500,000	500,000	3,300,000
24019W	Field Services Raw Water Efficiency	FIELD	Various	100,000	700,000	1,000,000	1,000,000	1,000,000	1,000,000	4,700,000
	Field Services Projects	FIELD	Various	Ongoing	3,425,000	3,850,000	3,450,000	3,450,000	3,450,000	17,625,000
	<i>Instrumentation, Control, and SCADA Projects</i>			<i>150,379</i>						
23013W	SCADA - Ophir Road Pump Station - Programable Logic Controller Replacement	IT	I, C, & SCADA	296,139	-	-	300,000	-	-	300,000
	Foothill WTP SCADA PLC Phase 3	IT	I, C, & SCADA	-	300,000	-	-	-	-	300,000
	WTP & PS PLC Upgrades	IT	I, C, & SCADA	-	-	150,000	150,000	-	-	300,000
	Water System Reservoir Storage Level Monitoring	SARM	I, C, & SCADA	-	96,000	-	-	-	-	96,000
22016W	Instrumentation, Control, and SCADA Projects	IT	I, C, & SCADA	446,518	396,000	150,000	450,000	-	-	996,000
	<i>Planning Projects</i>									
	2025 Water System Renewal and Replacement Planning	ENG	Planning	-	40,000	-	-	-	-	40,000
	Arc Flash Analysis	ENG	Planning	-	50,000	50,000	50,000	50,000	50,000	250,000
	Urban Water Management Plan	ENG	Planning	-	40,000	20,000	-	-	-	60,000
	Planning Projects	ENG	Planning	Ongoing	130,000	70,000	50,000	50,000	50,000	350,000

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Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	TOTAL 2025-2029
	<i>Other Projects</i>									
22029W	Water System Security Improvements - Phase 2	ENG	Miscellaneous	89,597	185,000	-	-	-	-	185,000
	Fuel System Upgrade (Dispensers)	FIELD	Facilities Maint	-	-	100,000	-	-	-	100,000
	Facility Maintenance (Water Division)	FIELD	Miscellaneous	-	60,000	800,000	50,000	50,000	50,000	1,010,000
	Water System Security Improvements - Future	ENG	Miscellaneous	-	-	100,000	-	100,000	-	200,000
	Other Projects	ENG	Miscellaneous	Ongoing	245,000	1,000,000	50,000	150,000	50,000	1,495,000
SUBTOTAL WATER DIVISION - RATES PROJECTS					17,586,000	24,570,000	19,010,000	23,660,000	17,000,000	101,826,000
TOTAL WATER DIVISION PROJECTS					156,656,000	29,325,000	24,830,000	25,572,000	17,245,000	253,628,000
TOTAL CIP BUDGET					203,493,000	60,745,000	57,520,000	51,702,000	35,950,000	409,410,000

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Capital Improvement Plan - 2025 Project Descriptions



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Placer County Water Agency 2025

Project Descriptions

AGENCY WIDE PROJECTS

American River Water Rights Extension

This project will prepare the required environmental documents to extend the horizon of perfecting the American River Water Rights to Year 2043. This will include analyzing impacts of increasing PCWA's American River diversions from current levels to 120,000 acre-feet. The areas of analysis will include the American River, Folsom Reservoir, Lower American River, the Central Valley Project and State Water Project areas north of the Delta, the Delta, and expected locations of consumption. The Project also includes negotiations with the Bureau of Reclamation to secure a Long-term Warren Act Contract (LTWAC) for utilization of Folsom Reservoir and Endangered Species Act (ESA) consultation with National Marine Fisheries Service.

Drum Spaulding Water Supply Protection

This project focuses on the protection of the Agency's water supply that originates in the Yuba River Watershed and includes technical, political, and/or legal engagement to protect the senior water rights and water supply interests of the Agency and the needs of its customers. Although not limited to these, the three priority interest areas are the relicensing of hydroelectric projects in the Yuba River Watershed, the divestiture of PG&E generation assets, and climate change impacts to water supply reliability.

RiverArc

The RiverArc project is a collaborative project lead by PCWA, in partnership with the City of Sacramento, the City of Roseville and Sacramento County. It is a regional reliability and resilience project intended to support water supply and environment benefits in the Sacramento Region. The Project would shift a portion of existing and planned regional water demand from the Lower American River to the much larger Sacramento River. The 2025 budget for this project includes PCWA's annual contribution to the Partnership for project planning activities, identifying and pursuing state and federal funding opportunities, coordination with partner agencies, and developing project governance agreements.

Duncan Hill Treated Water Improvements Project

This project includes the installation of residential service connections, meters, enclosures, and backflow device installations not included in the original project defined under Water Connection Charge Expansion Projects. This Agency Wide portion of the project is anticipated to be funded by the State Water Resources Control Board and be reimbursed through project progress claims.

Old State Highway – Buena Vista to Taylor Road

This project is for sewer improvement costs in cooperation with the Agency's water main replacement project. This Agency Wide portion of the project is anticipated to be reimbursed through a cost share with South Placer Municipal Utility District (SPMUD).

Ferguson Office Lobby Remodel

This project will modify and improve the use of office space in the Administrative Services Department and the lobby of the Agency's Business Center. It will include creation of a new conference space, modifications to the Bear River Room, and a reorganization of staff workspaces.

Ophir Energy Facility

This project will evaluate the feasibility of constructing a renewable energy project on Agency owned property to the immediate west of the Ophir Water Treatment Plant to offset future electrical demands.

Agency Wide Phone Project

This project will replace the current Agency phone system, which is no longer adequately supported, with a new modern system. all Agency facilities.

Facility Improvement Projects

This category includes various projects to repair or replace items at existing Agency office locations.

HVAC Improvements – This project is for the maintenance and minor improvements to existing HVAC systems at existing Agency Wide facilities.

Building Maintenance – This project is for the maintenance and minor improvements to existing Agency Wide facilities.

COUNTY-WIDE MASTER PLAN PROJECTS

Financial Assistance Program

The Financial Assistance Program (FAP) is to provide financial assistance, in the form of loans or grants, to eligible districts to improve the supply and reliability of water within the Agency's jurisdiction.

POWER DIVISION PROJECTS

Minor Projects:

Project Adjustment Fund

This Project Fund provides for staff to establish and fund new projects early in a given fiscal year before debt service has been paid or power generation revenue has been realized.

Major Projects:

Long Canyon Project (formerly known as Middle Fork Project Forest Management)

The Long Canyon Project will expand the forest thinning activities begun as part of the French Meadows Project throughout the watershed in an effort to reduce the threat of extreme wildfires and the associated impacts to MFP infrastructure, water quality, recreation, and the environment.

French Meadows Forest Management

The French Meadows Project aims to accelerate ecologically-based forest and watershed restoration on approximately 28,000 acres of Tahoe National Forest and private lands around the French Meadows Reservoir through a shared stewardship approach involving collaborative management, diverse fundraising, innovative project implementation, and watershed research.

Sediment Removal

Ralston Afterbay Sediment Removal (Mosquito Fire) – This project will remove fine sediment deposited immediately upstream, and in close proximity to the Ralston Afterbay Dam and the Oxbow Powerhouse Tunnel inlet as a result of the Mosquito Fire and the winter storms of the 2022/2023 season.

Interbay Sediment Removal – This project will remove sediment deposited in Interbay Reservoir.

French Meadows Powerhouse Reliability Upgrades

French Meadows Penstock Interior Inspection and Recoating – This project will inspect and remove the existing coal tar penstock lining, prepare surface for recoating, and install a new penstock lining. Construction is currently scheduled for May 2025.

French Meadows Penstock Exterior Coating Inspection – This project will inspect the existing exterior coating on the penstock and determine if recoating is required.

French Meadows Generator and GSU Protection Upgrade – This project is for the upgrade of the existing electromechanical protective relays on the generator and generator step-up (GSU) transformer with microprocessor-based relays.

French Meadows Powerhouse Turbine PRV Replacement – This project is for the modification or replacement of the turbine Pressure Relief Valve (PRV) to a combination PRV and turbine bypass valve. The PRV is not designed for continuous

water bypass around the turbine. This turbine PRV modification or replacement will allow continuous water bypass around the turbine.

French Meadows Powerhouse RTU Replacement – This project replaces the legacy Remote Telemetry Unit (RTU) with a modern, upgraded RTU at the French Meadows Powerhouse and will allow remote monitoring and control of a hydroelectric powerhouse.

LL Anderson Dam – Crest Improvements – The 2016 FERC Part 12D Safety Inspection recommended performing a compatibility analysis of the core, filters (fine and transition), and foundation. A study completed in March 2021 indicated the core and fine filter met the specifications when originally designed and constructed, however gradations of the transition zone were not strictly compatible based on current guidelines. There is no indication at this time that the transition zone material is compromised, however further investigation and analysis is warranted.

LL Anderson Dam – Log Boom Replacement – A number of significant dam safety incidents have occurred across the nation as a result of extensive floating debris, leading the Agency staff to evaluate existing debris/log boom effectiveness at all MFP reservoirs. After evaluation, a replacement effort to include a more robust system with more operational flexibility for controlled releases of retained material will likely be warranted.

Hell Hole Powerhouse Reliability Upgrades

Hell Hole Substation – This project will replace the substation located adjacent to the French Meadows powerhouse that is integral to 12kV transmission line which connects Hell Hole Powerhouse with French Meadows Powerhouse. The substation has reached the end of its operational life and must be replaced.

Middle Fork Powerhouse Reliability Upgrades

Middle Fork Penstock Internal Coating – This project will inspect and eventually, remove the existing coal tar penstock lining, prepare surface for recoating, and install a new penstock lining similar to the project for French Meadows Penstock.

Middle Fork Powerhouse Main Transformer and Bus Protection Replacement – This project will replace the original electro-mechanical main transformer and bus protection relay devices with solid state, microprocessor-based devices.

Middle Fork Powerhouse Transformer Replacement – This project will replace the three existing single-phase generator step up (GSU) transformers with new units. Two of the three are the original construction with one of the three replaced in the 1980's. All three have reached the end of their operational lives and require replacement.

Middle Fork Powerhouse Online Partial Discharge Monitoring Upgrade – This project will install equipment that monitors partial discharge activity of the generator's insulation. It will be used to monitor the health of the insulation which is the largest contributing factor in determining when a generator rewind is required, thus reducing

the risk of an unscheduled shutdown of the unit due to an unexpected failure of the insulation.

Middle Fork Penstock Drainage – This project includes improvements to existing drainage swales, ditches, culverts, and subdrains that collect and direct runoff away from structural improvements and previously identified areas of slope instability along the penstock alignment.

Middle Fork Penstock External Coating Inspection – This project will inspect the existing exterior coating on the penstock and determine if recoating is required.

Middle Fork Powerhouse Plant RTU Replacement – This project replaces the legacy Remote Telemetry Unit (RTU) with a modern, upgraded RTU at the Middle Fork Powerhouse and will allow remote monitoring and control of a hydroelectric powerhouse.

Interbay Dam Radial Gate Structural Retrofit – Radial gate structural analyses at Interbay and Ralston Afterbay dams in 2022 suggest seismic acceleration amplification loading conditions could result in the need for structural upgrades. This project includes structural modelling and preliminary designs.

Oxbow Powerhouse Reliability Upgrades

Oxbow Powerhouse Plant RTU Replacement – This project will replace the legacy Remote Telemetry Unit (RTU) with a modern, current technology RTU which is required so that the SCADA system can monitor and control the powerhouse remotely.

Abay Dam Radial Gate Structural Retrofit – This project includes structural retrofit of the steel radial gates on the spillway at Ralston Afterbay Dam. These retrofits are required to meet current seismic design standards as required by FERC and DSOD's dam safety regulations.

Abay Dam Radial Gate Hoist Improvement – This project will assess the operational life and safety of existing radial gate hoists, including chains, motors, gear assemblies, etc. at Ralston Afterbay Dam.

Abay Dam Lift Joint "Body" Drains – This project will install internal lift joint drains, or "body drains", similar to the installations completed at other concrete gravity dams around the country and following the lessons learned from the Wanapum Dam incident. This recommendation stemmed from the completion of a recent Ralston Afterbay Dam stability analysis.

AfterBay LLO Gate Modifications – This project will investigate, and potentially install, improvements to the low-level outlet (LLO) of Ralston Afterbay Dam. The LLO is frequently impacted by sediment which makes operation challenging. This project will determine if alternatives to the existing configuration exist to permit operation even when the LLO is impacted by sediment.

Oxbow Powerhouse Battery Bank Online Monitoring Equipment Upgrade – This project will install a Battery Bank Online Monitoring System at the Oxbow Powerhouse to provide continuous supervision of each battery's key performance indexes required by NERC standards.

AfterBay Log Boom Replacement – A number of significant dam safety incidents have occurred across the nation as a result of extensive floating debris, leading the Agency staff to evaluate existing debris/log boom effectiveness at all MFP reservoirs. After evaluation, a replacement effort to include a more robust system with more operational flexibility for controlled releases of retained material will likely be warranted.

Ralston Powerhouse Reliability Upgrades

Ralston Penstock Internal Lining Inspection – This project will inspect and eventually, remove the existing coal tar penstock lining, prepare surface for recoating, and install a new penstock lining similar to the project for French Meadows Penstock.

Ralston Powerhouse Online Partial Discharge Monitoring Upgrade – This project will install equipment that monitors partial discharge activity of the generator’s insulation. It will be used to monitor the health of the insulation which is the largest contributing factor in determining when a generator rewind is required, thus reducing the risk of an unscheduled shutdown of the unit due to an unexpected failure of the insulation.

Ralston Powerhouse Main Transformer Replacement - This project will replace the existing generator step up (GSU) transformer with a new unit which has reached the end of its operational life and requires refurbishment.

Ralston Penstock External Coating Inspection – This project will inspect the existing exterior coating on the penstock and determine if recoating is required.

Ralston Powerhouse Battery Bank Online Monitoring Equipment Upgrade – This project will install a Battery Bank Online Monitoring System at the Ralston Powerhouse to provide continuous supervision of each battery’s key performance indexes required by NERC standards.

FERC License Implementation - Project Infrastructure

These capital projects consist of infrastructure work required under the new FERC license. The work includes:

Duncan Creek Diversion Dam Upgrade and Trail – This project will modify and reconstruct the diversion structure at Duncan Creek Diversion Dam. The new structure will include: bedload and suspended sediment transport past the diversion dam during high-flow events; capability to operate the facility with a new schedule of minimum instream flows based on the time of year and the water year type; capability to pass downstream spring pulse flows during wet and above-normal water years; and downstream fish passage.

South Fork Long Canyon Diversion Upgrade – This project will modify and/or construct a new diversion structure at South Fork Long Canyon, including sediment passage capabilities, screen diversion flows, and fish transport.

North Fork Long Canyon Diversion Upgrade, Stream Gage and Trail – This project will modify and/or construct a new diversion structure at North Fork Long Canyon, including sediment passage capabilities, screen diversion flows, and fish transport.

Hell Hole Dam Seasonal Storage – This project will install operable spillway gates at the uncontrolled granite spillway of the dam and allow the storage of an additional 6,000 acre-feet of water. The additional capacity would provide several potential benefits: capturing spill water for generation; allowing more generation to be shifted from spring to the summer and fall when demands are higher; and, increasing the head pressure and therefore turbine output at Middle Fork Powerhouse.

Hell Hole Outlet Works Upgrade – This project will complete improvements to the Hell Hole Reservoir Low Level Outlet and associated appurtenances. This will permit increased flow volumes through the LLO to meet FERC pulse flow and flow ramp down requirements as required by the new FERC license.

Interbay Dam LLO Gate Modifications – This project will allow for increased flow volumes through the LLO facility to meet revised FERC stream release requirements. The improvements include removal of the existing 20” diameter outlet pipe/valves and replacing with a 26” diameter outlet pipe/valves.

Middle Fork Project Cooperative Road Management – This project is to establish an agreement and procedures to create and annually fund a road maintenance account for repair and maintenance of joint use Agency and US Forest Service roads.

Ralston Afterbay Sediment Relocation Plan – This project will remove, classify, and relocate sediment that meets specific size requirements from above Afterbay Dam to locations immediately downstream of Afterbay Dam in compliance with the MFP Sediment Management Plan (SMP).

FERC License Implementation – Project Recreation Facilities

This project consists of work to rehabilitate recreational facilities that are required by the new FERC license. The work includes:

French Meadows South Shore Water Supply – This project will replace the existing horizontal groundwater well with a new groundwater well suitable for supplying the French Meadows campground, picnic area and boat ramp. The water system will be a new vertical well, storage tank, building, generator, and piping to the three sites.

Indian Bar River Access – This project will reconstruct the existing boat ramp facility at Indian Bar to include a whitewater raft staging area, supplemental raft slide, and additional restrooms.

French Meadows Campground and RV Dump Station – The purpose of this project is to update the French Meadows RV dump station and to redesign and reconstruct select elements of the French Meadows campground. Upgrades include reconstructing interior roads and campground spurs to accommodate larger vehicles,

replace multiple vault toilets, replace message boards, signs, camp site amenities and the on-site water system.

Hell Hole Recreation Work Station and Storage Facility for USFS – This project will design and construct a work station that will support Forest Service recreation management needs in the Hell Hole area. This project also will design and construct an RV campground that will support 12-15 parking spurs and associated utilities that will provide seasonal accommodations for Agency staff and contractors working in the MFP.

Hell Hole Parking Improvements – This project will rehabilitate the existing parking area associated with the Hell Hole Boat ramp, provide potable water, and replace the existing chain link fence with black plastisol fencing.

Hell Hole Support Facilities Water Supply – This project will construct a new well and support infrastructure in the vicinity of the Hell Hole Cottages to provide potable water to the area.

French Meadows Boat Ramp Extension and Picnic Area – This project will reduce the overall size of the picnic area and improve site accessibility, parking, signage, and facilities (picnic tables, faucets, etc.). The boat ramp extension will extend the existing boat ramp approximately 365 feet to provide for additional boat launching opportunities.

French Meadows North Shore Water Supply – This project will bring the existing access road to Forest Service standards and will replace all existing water distribution infrastructure (pipe, drains, valves, etc.).

McGuire Picnic Area Conversion to Group Campground – This project will convert the existing picnic area and beach to a group campground that consists of one 25 person and one 50 person campsites. This project will also rehabilitate the access road and parking area.

Lewis Campground – This project will redesign and reconstruct select elements of the Lewis Campground. Upgrades include reconstructing interior roads and campground spurs to accommodate larger vehicles, replace multiple vault toilets, replace message boards, signs, camp site amenities and the on-site water distribution system.

Afterbay Picnic Area This project will reduce the overall size of the picnic area and improve site accessibility, parking, and signage.

Middle Fork Stream Gage Trail Improvements – This project will improve the trail to the stream gage and bring it to minimum Forest Service standards.

Hell Hole Worker Campground – This project will improve the entry and parking, electrical, water, picnic areas, and dump station at the worker campground.

Middle Fork Powerhouse Pedestrian Bypass – This project will create a pedestrian bypass around the Middle Fork Powerhouse to permit the public to access the Middle Fork American River upstream of the Powerhouse.

Abay Sediment Removal Access Point – This project will reconfigure the existing access ramp and improve the parking area and signage.

Middle Meadows Campground Vertical Well – This project will install a new vertical well and water supply for the Middle Meadows Group Campground in the Eldorado National Forest.

Hell Hole Boat Ramp Extension – This is a two-phase project that will extend and improve the existing boat ramp. Phase 1 includes an extension of approximately 250 linear feet, to elevation 4,485'. Phase 2 will involve extending the boat ramp to elevation 4,455' (dependent on the alignment slope and reservoir bed conditions).

Ahart Campground – This project will improve the existing campground with a new vertical well and hand pump, general grading improvements, replacement of tables and fire rings with accessible units, accessible toilet structures, and paving approximately 0.6 miles of access road to the campground.

Gates Group Campground – This project will include a redesign and reconstruction of the three group campsites (Ponderosa, Aspen, & Lodgepole) to meet all current standards, including design for accessibility.

Hell Hole and Big Meadows Campground – This project will include improvements to the existing campground facilities such as parking and roadway improvements for boat trailer access, new signage and informational kiosk, upgrades for potable water access, and campsite fixture improvements (grills, tables, fire rings, etc.).

WATER DIVISION PROJECTS

Water Connection Charge Expansion Projects:

Treatment Projects

Treatment projects include repair, modification, or installation of new infrastructure related to water treatment plants and/or their processes that result in producing potable drinking water from source water supplies.

Ophir WTP Phase 1 – Construction of a new water treatment plant located on Ophir Road. Rated capacity of initial phase of the WTP is 10MGD. The initial improvements will allow for future expansion of the plant.

Treated Water Transmission and Distribution Projects

Treated Water Transmission and Distribution projects include repair, modification, or installation of new infrastructure related to the treated water system. The infrastructure includes, but is not limited to, pipelines, pressure reducing stations, valves, meters, pump stations, buildings, electrical systems and instrumentation, and other components related to distributing treated water to wholesale and retail customers.

Placer Parkway Pipelines – This project extends water infrastructure in the future Placer Parkway from Highway 65 west to Foothills Boulevard to West Placer. This project would be constructed simultaneously with the County constructing the portion of road.

Duncan Hill Treated Water Improvements Project – Construction of a new 1.6 mile long 12-inch transmission pipeline through the Duncan Hill community that will provide an intertie from the Auburn-Bowman system to the Foothill system, consolidating them into one system and allow the Agency to move as much as 2 MGD to the lower system.

Planning Projects

Planning projects analyze proposed infrastructure alternatives necessary to expand capacity of water systems to serve new development. Analyses include demand forecasting, evaluating available capacity, hydraulic modeling, feasibility studies, cost estimates and financial studies. Infrastructure includes all components, from water supply through distribution. Results of these projects are compiled into technical memorandums, reports, and/or masterplans.

RiverArc – The RiverArc project is a collaborative project lead by PCWA, in partnership with the City of Sacramento, the City of Roseville and Sacramento County. It is a regional reliability and resilience project intended to support water supply and environment benefits in the Sacramento Region. The Project would shift a portion of existing and planned regional water demand from the Lower American River to the much larger Sacramento River. The 2025 budget for this project includes PCWA's annual contribution to the Partnership for project planning activities, identifying and pursuing state and federal funding opportunities, coordination with partner agencies, and developing project governance agreements.

Urban Water Management Plan – Urban Water Management Plans (UWMP) are required by state law for water suppliers with 3,000 or more connections or supplying 3,000 or more acre-feet annually of treated water. The plans must be updated and submitted to the Department of Water Resources at least every five years. Combined with Senate Bill 610, the UWMP Act was created to ensure prudent levels of water supply planning in the land use entitlement process and incorporate water use efficiency and evaluation of dry year conditions into this planning. The required plan content includes a water supply summary, a forecast of future demands, a supply versus demand strategy, including dry year scenarios, elements addressing water use efficiency, a Drought Risk Assessment, and a Water Shortage Contingency Plan.

Water System Planning – This project will analyze costs and planned improvements for future expansion and development. This information will be used to evaluate Water Connection Charges (WCC's).

Rates Projects:

Treatment Projects

Treatment projects include repair, modification, or installation of new infrastructure related to water treatment plants and/or their processes that result in producing potable drinking water from source water supplies.

Colfax WTP Replacement Project – The existing WTP is approaching the end of its operational life and requires full replacement. A new 2 MGD plant will be constructed at a different site and will include additional capacity to accommodate future consolidations of smaller water purveyors in the region.

Foothill #1 ACTIFLO Mixer and Scraper Replacement – This project will replace the ACTIFLO mixer and sludge scraper equipment in Plant 1 of the Foothill WTP and may include minor electrical, instrumentation, and controls improvements to support replaced equipment.

Sunset WTP Basin/Flocculator Rehabilitation – This project will replace the existing horizontal flocculators in kind and rehabilitate the concrete flocculation basins in the Sunset Water Treatment Plant. Basin rehabilitation includes repairing major and minor cracks, lining the basins with epoxy coating, and replacing corroded metal structures.

Water Treatment Plant Maintenance – This project will procure and install various instrumentation, process equipment, and safety equipment at various plants along with rehabilitation of the Alta WTP prefilter.

Treated Water Transmission and Distribution Projects

Treated Water Transmission and Distribution projects include repair, modification, or installation of new infrastructure related to the treated water system. The infrastructure includes, but is not limited to, pipelines, pressure reducing stations, valves, meters, pump stations, buildings, electrical systems and instrumentation, and other components related to distributing treated water to wholesale and retail customers.

Old State Highway – Buena Vista to Taylor Road – This project will replace 1,800-feet with 8-inch main, replace 3 wharf hydrants with standard hydrants, and replace 20 service lines and meters. This project will also be in partnership with SPMUD who will be replacing 1,310-feet of existing sewer main and four sewer laterals.

Water Meter Retrofit Program – CII – The purpose of this project is to retrofit commercial meters with Advanced Metering Infrastructure (AMI) technology to establish real time metering and monitoring.

Water Meter Retrofit Program – Residential – The purpose of this project is to retrofit selected residential meters with Advanced Metering Infrastructure (AMI) technology to establish real time metering and monitoring.

Tinker Pump Station HVAC Modification – This project will replace existing HVAC units that are at the end of their useful life at the Tinker Road Pump Station.

Aeolia Drive Pipe Replacement – This project will replace approximately 600-feet of a 6-inch steel pipeline within Aeolia Drive and replace approximately 12 service lines and new meters due to aging infrastructure. This project will also be in partnership with the City of Auburn who will be installing sewer main within the same limits.

Treated Water Transmission & Distribution - Other Projects

Treated Water Transmission & Distribution Projects include Agency facility relocation resulting from non-Agency projects such as street repairs and repaving, road realignments, intersection conversions into roundabouts, and storm drainage repairs where the Agency facilities do not possess prior property rights. This budget is used “as needed” and cannot be used for any other project.

Non-Agency Project Facility Relocation – Budget allocation for use to relocate Agency facilities for non-Agency projects.

Raw Water Transmission and Distribution Projects

Raw Water Transmission and Distribution projects include repair, modification, or installation of new infrastructure related to the raw water system. The infrastructure includes, but is not limited to, pipelines, pressure reducing stations, valves, meters, pump stations, buildings, electrical systems and instrumentation, and other components related to distributing raw water to wholesale and retail customers.

I-80 RW Crossings Replacement – This is a long-term project to assess and replace the 26 raw water crossings along Interstate 80 from Roseville to Alta. The initial project will replace up to five of the most critical crossings which are part of the Boardman Canal.

ARPS Intake #6 Repair & Condition Assessment – This project includes the inspection and condition assessment of the American River intake and wet well. The project will also include minor repairs within these areas along with removal of sediment.

Ben Franklin Canal Repair Station 9 to 20 – This project will construct approximately 880-feet of new 12-inch piped canal in a new alignment, replacing the existing aging piped canal that crosses beneath private infrastructure. The project also includes slip lining of approximately 670-feet of existing piped canal with cured-in-place pipe.

RWT&D Maintenance – The 2025 Raw Water Transmission and Distribution maintenance projects include modifications and rehabilitation to raw water pump stations within the canal system.

Antelope Siphon Blowoff – This project will replace the current 6-inch blowoff valve located along the Antelope Canal in the southbound shoulder of Sierra College with a 12-inch blowoff valve and drain line to an in-ground dry well.

Raw Water Efficiency Electrical Control Cabinets – The purpose of this project is to procure and install control cabinets at various existing control gate locations in the canal system.

Treated Water Storage Projects

Treated Water Storage projects include repair, modification, or installation of new infrastructure related to the storage of treated water. The infrastructure includes, but is not limited to, storage tanks, tank mixers and vents, and electrical systems and instrumentation.

Alta Redwood Tank Replacement – This project will install a new 150,000+ gallon steel storage tank adjacent to the Alta WTP.

Colfax Tanks (1 MG & 0.3 MG) Roof Recoating – The purpose of this project is to recoat the roofs of the Colfax 1 MG and 0.3 MG tanks.

Foothill Tank (1 MG) Roof Recoating – The purpose of this project is to recoat the roof of the Foothill 1 MG tank.

Monte Vista Tank Replacement – This project will install a new steel storage tank, abandon the existing redwood tank, and replace the existing raw water pump, intake piping, and screen within the Monte Vista Water Treatment Plant. The project also includes installation of a new power feed, distribution meter, sample lines, and fiber optic cable between the treatment plant and the tank site.

Raw Water Storage Projects

Raw Water Storage projects include repair, modification, or installation of new infrastructure related to the storage of raw water. The infrastructure includes, but is not limited to, storage tanks, standpipes, reservoirs, dams, spillways, and associated appurtenances, and electrical systems and instrumentation.

Lake Alta Dam Modifications – Improvements are necessary to the two dams to comply with current Division of Safety of Dams (DSOD) requirements. Anticipated work includes raising the dams to meet current freeboard requirements and removing trees that may impact the integrity on the dam.

Field Services Projects

Field Service projects repair and/or replace portions of the system that have deteriorated due to age such as canal guniting, flume components, and sections of pipe and services. The purpose of these projects is to minimize leaks and optimize the efficiency of the water system throughout the year.

Raw Water Maintenance Projects

Lazzarini Flume Understructure and Tin Replacement – This project will replace aging wooden understructure and tin lining on the 145-foot flume. The flume is part of the Boardman Canal at 600 Lazzarini Road and Highway 174 in Colfax.

Tailrace Flume Understructure and Plywood Replacement – This project will replace aging wooden understructure and plywood cover on the 262-foot flume. The flume is part of the Alta Tailrace at Nary Red Rd and Alta Bonny Nook Rd in Alta.

Shirland Canal Re-routing at Maidu Yard – This project will re-route a portion of the Shirland Canal behind the Maidu Yard to allow for yard expansion/growth.

Guniting – Prepping canal and shooting guniting for approximately 2-3 miles of canal at various locations for the purpose of lining currently unlined, eroded and/or leaking canals or stopping leaks in lined canals.

Treated Water Maintenance Projects

Sawyer St and Circle Dr Auburn – This project will replace 860-feet of 4-inch steel main with new ductile iron pipe and addition of a 225-foot loop of 8-inch ductile iron pipe. This project will replace aged infrastructure with a history of leaks in Auburn, improve water quality, and provide system reliability.

Alley between San Francisco Street and High Street, Rocklin Phase 2 – This project will replace 450-feet of aged 6-inch steel main with a history of leaks in Rocklin with new 6-inch ductile iron.

Electric Street Pipeline Replacement – This project will replace 705-feet of 6-inch steel main with a history of leaks in Auburn with new 8-inch ductile iron pipe.

Raw Water Efficiency

Antelope Stub Canal to Pipe – The purpose of this project is to replace 1,300-feet of canal with pipe. It is estimated that installing this section of pipe could save up to 190 AF of water per year.

RW RTU Cabinets – The purpose of this project is to purchase and install 10 Raw Water SCADA cabinets for installation at critical locations that will add operational efficiency and decrease drive time for canal operations. It includes the purchase, installation, and testing of the cabinets.

Instrumentation, Control, and SCADA Projects

Projects include replacement, modification, or installation of new SCADA related hardware and software required to support the drinking water operations.

Foothill WTP SCADA PLC Phase 3 – This project is a continuation of the modernization of the Foothill WTP SCADA system. Phase 3 will replace the PLC chassis and upgrade the communications to the remote I/O PLC's, ensuring that all SCADA components are supported by the manufacturer with spares and replacements available.

Planning Projects

Planning projects analyze proposed infrastructure alternatives necessary to expand capacity of water systems to serve new development. Analyses include demand forecasting, evaluating available capacity, hydraulic modeling, feasibility studies, cost estimates and financial studies.

Infrastructure includes all components, from water supply through distribution. Results of these projects are compiled into technical memorandums, reports, and/or masterplans.

Water System Renewal and Replacement Planning – The purpose of this project is to analyze infrastructure needs, cost, and timing to support the Agency’s Renewal and Replacement Program.

Arc Flash Analysis – The purpose of this project is to complete arc flash studies to comply with NFPA 70E standards. This will be an ongoing program effort.

Urban Water Management – Urban Water Management Plans (UWMP) are required by state law for water suppliers with 3,000 or more connections or supplying 3,000 or more acre-feet annually of treated water. The plans must be updated and submitted to the Department of Water Resources at least every five years. Combined with Senate Bill 610, the UWMP Act was created to ensure prudent levels of water supply planning in the land use entitlement process and incorporate water use efficiency and evaluation of dry year conditions into this planning. The required plan content includes a water supply summary, a forecast of future demands, a supply versus demand strategy, including dry year scenarios, elements addressing water use efficiency, a Drought Risk Assessment, and a Water Shortage Contingency Plan.

Other Projects

These projects typically include security and general facility and site improvement projects.

Water System Security Improvements – Phase 2 – The purpose of this project is to upgrade the electronic access control system and video monitoring system at the Foothill Water Treatment Plant and Bowman Water Treatment Plant.

Water System Reservoir Storage Level Monitoring – This project will install reservoir level gages with SCADA and telemetry at three of our water system reservoirs.

Facility Maintenance (Water Division) – The purpose of this project is to provide improvements to equipment, roofing, plumbing, HVAC systems, or other appurtenances at pump stations or related water facilities. HVAC replacement at the Bowman WTP is anticipated in 2025.

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Supplemental Information

WATER FACTS

1 Cubic Foot	=	7.48 GAL
100 Cubic Feet	=	748 GAL
100 Cubic Feet	=	1 CCF (std. bill unit*)
1 Acre-Foot**	=	43,560 CF
1 Acre-Foot**	=	325,851 GAL
1 CFS	=	448.8 GPM
1 CFS	=	646,272 GPD
1 CFS for 24 hours	=	1.98 AF
1 CFS for 30 days	=	59.5 AF
1 CFS for one year	=	724 AF
1 Gallon	=	8.34 Pounds
1 MGD	=	3.07 AF per day
1 MGD	=	1,120 AF per year
1 Miner's Inch	=	11.22 GPM
1 Miner's Inch	=	16,157 GPD
1 Miner's Inch	=	1.49 AF for 30 days
1 Miner's Inch	=	18.10 AF for 1 year

ABBREVIATIONS

AF	=	Acre-foot	GAL	=	Gallon
CF	=	Cubic foot	GPD	=	Gallons per day
CCF	=	100 Cubic feet	GPM	=	Gallons per minute
CFS	=	Cubic foot per second	MGD	=	Million gallons per day

* The Agency bills per unit of measure, which is 100 cubic feet (unit).

** An acre-foot of water is enough to cover one acre of land one foot deep.





PLACER COUNTY WATER AGENCY
SINCE 1957

BOARD OF DIRECTORS

Gray Allen, District 1

Primo Santini, District 2

Mike Lee, District 3

Robert Dugan, District 4

Joshua Alpine, District 5

Andrew Fecko, General Manager

BUSINESS CENTER

144 Ferguson Road

MAIL

P.O. Box 6570

Auburn, CA 95604

PHONE

(530) 823-4850

(800) 464-0030

WWW.PCWA.NET

OVERVIEW OF THE PLACER COUNTY WATER AGENCY

Placer County Water Agency (PCWA) was created in 1957 under its own state legislative Act entitled the “Placer County Water Agency Act.” The Agency is self-governed with policy and regulatory decisions determined by an independently elected five member Board of Directors. Highly experienced men and women working together as a team under administrative direction of a General Manager provide Agency services and activities. Since its inception the Agency has been actively involved in Placer County’s 1,500 square miles on a wide variety of water and energy issues.

Agency Wide

Agency officials understand the complexities, interrelationships and importance of sustaining reliable and affordable water and energy for Placer County’s present and future needs. The Agency holds extensive “area of origin” surface water entitlements on the Middle Fork American River and long-term contracts for Yuba River water which are used to serve retail and wholesale customers within Placer County. The Agency is actively involved in numerous collaborative partnerships, watershed stewardship, surface and groundwater management integrated water resource planning, and regional infrastructure projects. These include involvement in water issues affecting the Lake Tahoe and Truckee River, the American River, the Yuba/Bear Rivers, the Sacramento River and the Bay/Delta system. Advocacy for water entitlements and energy resources for all Placer County residents are at the forefront of Agency Wide interests and activities.

Power System

The Agency’s Power System was established with the construction of the Middle Fork American River Hydroelectric Project (MFP) that began in 1963 and was completed in 1967. The Agency owns and operates five interconnected hydroelectric power plants, two large storage reservoirs (French Meadows and Hell Hole), two small regulating reservoirs and twenty-four miles of tunnels. With approximately 347,000 acre-feet of gross water storage capacity and 232.4 megawatts of reliable generating capacity, the MFP produces an average 850,000 megawatt hours of hydroelectric power each year that is sold directly to the California Independent System Operator (CAISO). This is sufficient to provide reliable power to nearly a quarter of a million retail residential electricity customers. In addition to energy sales, the MFP also provides energy-related products that are sold through bilateral contracts, which includes resource adequacy, renewable energy credits and carbon free credits. The MFP also provides important public recreational opportunities enabling public access to lands and reservoirs, including campgrounds and boating facilities as constructed by the Agency and operated through the U.S. Forest Service.

Water System

The Agency’s Water System was established in 1968. It has become the largest water purveyor in the county serving more than 41,000 water accounts. Surface water supplies are purchased from PG&E (from the Yuba/Bear Rivers) and Agency Wide (from the American River). The Agency owns and operates 170 miles of untreated water canals, ditches, flumes and pipelines in addition to several small reservoirs, most of which were built in the Gold Rush era. A significant amount of Agency untreated water irrigates pastures, orchards, rice fields, farms, ranches, golf courses and landscaping. The Agency owns and operates 9 water treatment plants, 29 water tanks, and over 600 miles of treated water pipelines. Treated surface water is sold directly to Agency customers residing in Auburn, Colfax, Loomis, Rocklin, portions of Roseville and throughout various unincorporated areas of Placer County. Agency treated water is sold wholesale to the City of Lincoln and other purveyors who retail it directly to their customers. The Agency also utilizes groundwater to occasionally supplement surface water supplies when needed in Western Placer County.

Inquiries may be referred to the PCWA Customer Service Center at (530) 823-4850 or via www.pcwa.net.

Placer County Water Agency

AUTHORIZED POSITIONS

As of: November 21, 2024

The following is a summary of authorized regular positions of the Agency.

GOVERNANCE POSITIONS:

BOARD OF DIRECTORS

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STAFF POSITIONS:

REGULAR: Regular positions are also referred to as “full time” or “core” positions and each is budgeted at 2,080 hours annually (40 hour week x 52 weeks). This table represents staff as they are primarily budgeted, although some staff provides support to other divisions. Agency Wide labor and benefit costs are almost entirely allocated to Power and Water Divisions through service level support.

Departments	Agency			Total
	Wide	Power	Water	
General Manager’s Office				
• General Manager	4			4
• Legal Office	0.67	0.67	0.66	2
• Strategic Affairs Resource Management	3			3
Administrative Services	7			7
Energy Marketing		4		4
Finance	14	1		15
Customer Services	2		28	30
Field			70	70
Information Technologies	13	2	3	18
Technical Services				
• Drinking Water Operations			23	23
• Engineering	1	1	24	26
Power System*		36		36
REGULAR POSITIONS TOTAL	44.7	44.7	148.6	238

*3 FTE’s are authorized but not budgeted

Prepared by:



Placer County Water Agency

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