



PCWA

2023 Annual Budget



Placer County Water Agency
Auburn, California

2023 Budget



**Placer County Water Agency
Auburn, California
www.pcwa.net**

**Prepared by the Department of Financial Services
Adopted November 3, 2022**



PLACER COUNTY WATER AGENCY

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MEMORANDUM

DATE: November 3, 2022

TO: Chair and Members of the Board of Directors

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

RE: Transmittal for the Adopted 2023 Placer County Water Agency Budget

Overview

2023 Combined All-Inclusive Expense Budget

The Adopted 2023 Placer County Water Agency (Agency) Budget totals \$164.9 million, which is comprised of:

	2022 Adjusted Budget	2023 Adopted Budget
Agency Wide Operating	\$ 3.8	\$ 5.1
Power Division Operating	29.0	31.5
Water Division Operating	46.7	49.4
Combined Capital	71.8	78.9
Total in Millions	\$ 151.3	\$ 164.9

Overall, the Adopted 2023 Combined Agency Budget¹ of \$164.9 million is \$13.5 million more than the 2022 Adjusted Budget² comprised of a combined operating budget increase of \$6.4 million and a \$7.1 million increase in combined capital project funding. The 2023 Combined Operating Budgets have increased over the Adjusted 2022 Budget as follows: \$2.6 million in the Water Division, \$1.2 million in Agency Wide and \$2.6 million in the Power Division.

2023 Adopted Budget – Budget Unit Overview

Agency Wide

The 2023 Agency Wide Budget totals \$18.9 million including \$5.1 million in operating and \$13.8 million in capital project appropriation. The revenue budget is decreased \$12.1 million

¹ Numbers may not balance due to rounding.

² Adjusted Budget as of September 25, 2022.

or 76.6% under the 2022 Adjusted Budget as the 2021 Out of County Water Sales were received too late in the year to be included in the 2022 budget process. Pursuant to policy, these funds are directed to Agency Wide Reserves for the Board's consideration and allocation in the following years budget process.

The Operational Expense Budget is increased from the 2022 Adjusted Budget by a net amount of \$1.2 million or 32.3% based on the following:

- Board of Directors is a net increase of \$14,000 primarily because of anticipated additional conference and traveling post pandemic.
- General Manager's Office is a net increase of \$106,000 attributed to an increase in labor and benefits allocated to Agency Wide efforts. Additionally, there are increases in annual SWRCB water rights and transfer fees for \$25,000, outside legal \$20,000, travel and training \$14,000, and memberships \$26,000.
- Administrative Services is a net increase of \$77,000, largely attributed to labor and benefits.
- Customer Services is a net increase of \$30,000, \$13,500 for labor and benefits and \$16,500 for anticipated increases in public outreach.
- Financial Services is a net increase of \$49,000 attributed to an increase in labor and benefits and a decrease in outside legal.
- Technical Services is a net increase of \$217,000, attributed to an increase in labor and benefits and \$23,000 increase in consulting for the Agency's in-house safety program.
- Information Technology is a net increase of \$44,000, which includes a decrease in labor and benefits of \$68,000 as Information Technology will now allocate a portion of labor to Water and Power Divisions for oversight of Operational Technology, and an increase in software licensing and consulting totaling \$108,000.
- Non-Departmental Expenses increased \$27,000 related to required contributions to the Agency's Section 115 Other Post Employment Benefit trust. This amount is determined by an Actuarial study.
- Routine Capital increased \$405,000 because of additional planned purchases of IT equipment in 2023.

These overall changes in the 2023 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 benefitting funds: Power Division, Water Division and capital projects are appropriately allocated support costs totaling \$10.4 million. This results in a net increase to the Agency Wide budget of \$1.2 million.

Power Division

The 2023 Power Division Budget totals \$60.0 million including \$31.5 million in operating and \$28.5 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 2023 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, not PCWA. PCWA’s Power Division receives appropriations from the Authority for the operations and capital projects of the Middle Fork Project.

The Operational Expense Budget is increased from the 2022 Adjusted Budget by a net amount of \$2.6 million or 8.9% based on the following:

- Power System is a net increase of \$2.1 million, which is attributed to an increase of \$677,000 in contracted services for mandated inspections or surveys such as investigation of the LL Anderson crest material and lidar slope surveys at Hell Hole, interbay and LL Anderson, \$514,000 in increases to labor and benefits, \$291,000 inflationary increases in cost share partnerships, and \$582,000 in operating supplies and services for replacement of the 12kv transmission line at Hell Hole as well as planned penstock caulking and maintenance and inflationary impacts on supplies.
- Energy Marketing is a net increase of \$214,000 almost entirely related to increases in labor and benefits related to a reorganization of personnel in 2023.
- Technical Services is a net increase of \$668,000, entirely attributed to FERC License Operating Implementation efforts.
- Information Technology is a increase of \$265,000, \$181,000 attributed to an increase in labor and benefits and \$84,000 related to increases in software license and consulting.
- Administrative Services increased \$96,000 for anticipated increases in insurance costs.
- Office of the General Manager is a net decrease of \$218,000 in labor and benefits related to a reorganization of personnel in 2023.
- Service Level Support decreased \$226,000 based on the results of the updated cost allocation plan that allocates service level support costs to the benefiting funds in a rational methodical manner.
- Routine Capital is decreased \$137,000 with less vehicles and equipment purchases planned in 2023.

Water Division

The 2023 Water Division Budget totals \$85.9 million, which is comprised of a \$49.4 million operating budget, \$28.8 million capital project budget (which includes the Water Connection Charge capital component that totals \$2.1 million), and \$7.8 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 2023 Adopted water sales revenue includes a 8.0% revenue adjustment from the most recently completed 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 Operational Expense Budget is increased from the 2022 Adjusted Budget by a net amount of \$2.6 million or 5.6% based on the following:

- Customer Services is a net increase of \$285,000, an increase in meter related inventory for new and replacement meters totaling \$183,000 and increase in non-discretionary labor and benefits of \$214,000. These increases are netted with a decrease of \$58,000 in contracted services and temporary labor and overtime decreasing \$55,000.
- Field Services is a net increase of \$2.0 million, attributed to an increase in labor and benefits totaling \$603,000 which includes the addition of 2 new maintenance worker positions, purchased water is increased a net \$455,000 because of the CPI price increase in the PG&E water supply contract of 8.75%. Other key increases include landscaping in the amount of \$285,000, paving increased \$295,000, fuel, tires, and motor vehicle parts \$218,000, general inventory and field/shop supplies \$150,000, and chemicals \$40,000.
- Technical Services is a net increase of \$1.9 million. Chemicals is increased \$167,000 related to inflation and supply chain constraints, labor and benefits is increased \$242,000 which includes an additional drinking water operator and elimination of an assistant engineering position, pumping costs increased \$697,000 related to additional costs of electricity plus additional fuel and maintenance for the backup generators, contracted services are increased a net \$532,000 attributed to the Weimar acquisition and increased oversight of the Bickford Ranch development which is offset by developer reimbursements. Operating services and supplies are increased \$289,000 for additional maintenance, both preventative and on-going.

- Information Technology is increased a net amount of \$73,000 mostly related to anticipated increases in software licensing.
- Non-Departmental Expenses is increased \$0.5 million. Other post-employment benefit trust contributions, determined by actuary, are increased \$99,000. \$400,000 is also included to payback water reserves that were used in 2022 to advance fund vehicle replacement program purchases.
- Service Level Support is decreased \$88,000 based on the results of the updated cost allocation plan that allocates service level support costs to the benefiting funds in a rational methodical manner.
- Routine Capital is decreased \$2.1 million largely because 2022 included vehicle replacement program purchases that were accelerated from future years.

Capital Improvement Plan Budget – 2023 and Five Year (2023 – 2027)

The Agency's Five Year (2023– 2027) Capital Improvement Plan (CIP) totals \$210.9 million and is comprised of the following: Agency Wide totals \$15.0 million, Power Division totals \$93.8 million and Water Division totals \$102.1 million. The Agency's CIP varies annually depending on the extent and magnitude of projects being implemented, such as the building of a water treatment plant, which will result in large capital outlays over several years.

The 2023 CIP totals \$71.1 million (excluding Water Division Capital debt service) and is detailed as follows:

Agency Wide

The 2023 Agency Wide CIP Budget totals \$13.8 million, with the largest projects being funding for the Colfax Water Treatment Plant - Regionalization Capacity at \$12 million, the Electric Vehicle (EV) Infrastructure for \$760,000, Enterprise Resource Planning project totaling \$700,000. The Five-Year CIP Budget includes the IT Business Network Core Switch Upgrades totaling \$500,000 and RiverArc totaling \$440,000.

Power Division

The 2023 Power Division CIP Budget totals \$28.5 million with the largest projects being the French Meadows Campground totaling \$7.9 million and Hell Hole Recreation Work Station Facility for the US Forest Service totaling \$7.7 million.

Over the past 13 plus 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 Five-Year CIP for upgrades and renewal and replacement totaling \$40.9 million with the largest of these capital projects being the Ralston Penstock Internal Coating totaling \$5.4 million, the Ibay Sediment Removal totaling \$4.3 million, and the French Meadows Penstock Interior Inspection and Recoating totaling \$2.8 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 in the next 5 years (2023 – 2027), which have an estimated five-year cost of \$52.9 million. The significant FERC License capital projects of the Five-Year CIP are the French Meadows Campground totaling \$8.9 million, the Hell Hole Dam Seasonal Storage totaling \$7.3 million, and the Hell Hole Recreation Workstation and Storage Facility for US Forest Service totaling \$9.0 million.

In September 2022, a fire began in the MFP area near Oxbow Reservoir, now named the Mosquito Fire. The Authority and Agency Boards approved an \$8 million project budget for anticipated inspections, surveying, repairs, road work, slope stabilization and more. The Adopted 2023 CIP budget does not include additional funding for the Mosquito Fire Project based on the appropriations to date and lack of information on actual damages and unknown costs associated with recovery from the fire. At the time of this memo the fire has burned over 75,000 acres, is 95% contained, and much of the damage is still unknown.

Water Division

The 2023 Water Division CIP Budget totals \$28.8 million which is comprised of \$2.1 million in expansion (Water Connection Charge (WCC) funded) capital projects and \$26.7 million in renewal, replacement and reliability (rate funded) capital projects.

In the 2023 CIP Budget, the largest WCC funded capital project is the construction of the Duncan Hill Treated Water Pipeline totaling \$2 million. The largest Five-Year CIP WCC funded capital projects are Regional University Tank totaling \$6.4 million and the Placer Ranch Well totaling \$4.1 million.

In the 2023 CIP Budget, the largest renewal, replacement and reliability capital projects are Treatment projects totaling \$15.7 million with the new Colfax Water Treatment Plant for \$13.2 million and the Bowman Water Treatment Plant Flocculator Basin Rebuild for \$1.8 million.

Significant Five-Year CIP renewal, replacement and reliability projects include the Rocklin Pipeline Replacement Program totaling \$7.6 million and \$5.0 million towards costs related to continued gunite repair work at various locations throughout the system.

There continues to be a substantial demand to maintain water system infrastructure renewal, replacement, reliability and dependability needs. Emphasis is placed upon project prioritization and those areas where water use efficiency objectives can be achieved.

Staffing

Since 2019, the number of authorized fulltime equivalents (FTE) has increased from 227 to 234, or 3.1%. The number of FTEs is increasing to 234 with the adoption of the 2023 budget, with the addition of two Service Workers in the Treated Water Division of the Field Services Department, and one Water Treatment Plant Operator in the Drinking Water Operations Division of the Technical Services Department. In addition, the Engineering Division of Technical Services is eliminating one Assistant Engineer position.

Department	2019	2020	2021	2022	2023
<i>Division</i>	<i>Adjusted Budget</i>	<i>Adjusted Budget</i>	<i>Adjusted Budget</i>	<i>Adjusted Budget</i>	<i>Adopted Budget</i>
General Manager's Office	5	7.5	7.5	7.5	7.5
<i>General Manager</i>	2	2.5	2.5	2.5	3
<i>Strategic Affairs</i>	2	3	3	3	2.5
<i>Legal Office</i>	1	2	2	2	2
Administrative Services	8.5	9	8	8	8
<i>Human Resources & Risk</i>	8.5	9	8	8	8
Financial Services	13.5	13.5	13.5	13.5	13.5
<i>Accounting & Budget</i>	9.5	9.5	9.5	9.5	9.5
<i>Procurement & Contracts</i>	3	3	3	3	3
<i>Energy Risk Administration</i>	1	1	1	1	1
Customer Services	33	33	33	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	3	3	0	0
Field Services	54	56	56	59	61
<i>Treated & Untreated Water</i>	45	47	47	47	49
<i>Vehicle & Equipment Maintenance</i>	4	4	4	4	4
<i>Support</i>	5	5	5	5	5
<i>Facility Maintenance</i>	0	0	0	3	3
Technical Services	72	72	73	59	58
<i>Engineering</i>	27	26	27	28	26
<i>Drinking Water Operations</i>	35	36	35	31	32
<i>Information Technology</i>	10	10	11	0	0
Energy Marketing	4	4	4	4	4
Power System*	37	37	36	34	35
Information Technology	0	0	0	17	17
Total Authorized FTE's:	227	232	231	232	234
Change From Previous Year	1	5	-1	1	2

*2023 - 3 FTE's are authorized but not budgeted

The table on the preceding page shows the number of FTEs for this five-year period, as amended by Board actions:

Historical Staffing Narrative:

- 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.
- For 2020, the Board authorized the addition of two Service Workers in the Treated Water Division of the Field Services Department, and one Water Quality Specialist in the Drinking Water Operations Division of the Technical Services Department. During 2020, the Board authorized the addition of the Director of Resource Management in the Office of the General Manager. The Board also authorized repurposing of an authorized position in the Technical Services Department within the Water Division to Deputy Staff Counsel Position in the Office of the General Manager, within the Agency Wide Division. In addition, the Board authorized a Limited Term Position in the Department of Administrative Services, which was eliminated with an incumbent employee's retirement in June 2021.
- During 2019, the Information Technology Division of Administrative Services Department was reorganized and transferred to the Technical Services Department. In addition, the Board authorized the addition of an Information Technology Manager in the Information Technology Division of Technical Services Department.

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, 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 below shows labor and benefits allocated between the operations and capital budgets. Of the total 2023 Agency Budget, approximately 94% of the Agency's labor and benefits budget is attributable to operations, and the remaining 6% to capital. Total labor and benefits are projected to increase 5.9% in 2023, which includes a 5% COLA increase netted with various benefit expense changes.

Labor and Benefits by Operations and Capital				
	2022 Adjusted Budget	2023 Adopted Budget	\$ Change	% Change
Agency Wide	\$8,787,683	9,239,928	452,245	5.1%
Power	8,505,840	9,254,511	748,671	8.8%
Water	21,119,223	22,241,912	1,122,689	5.3%
Capital	2,561,150	2,635,375	74,225	2.9%
Grand Total	\$ 40,973,896	43,371,726	2,397,830	5.9%

* * * * *

The 2023 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 2023 Budget

Budget Policy, Process and Format

The Agency's Budget Policy, [Agency Rules and Regulations, Chapter 8, Article 2], 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 May as staff prepare a draft Power Division Budget 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

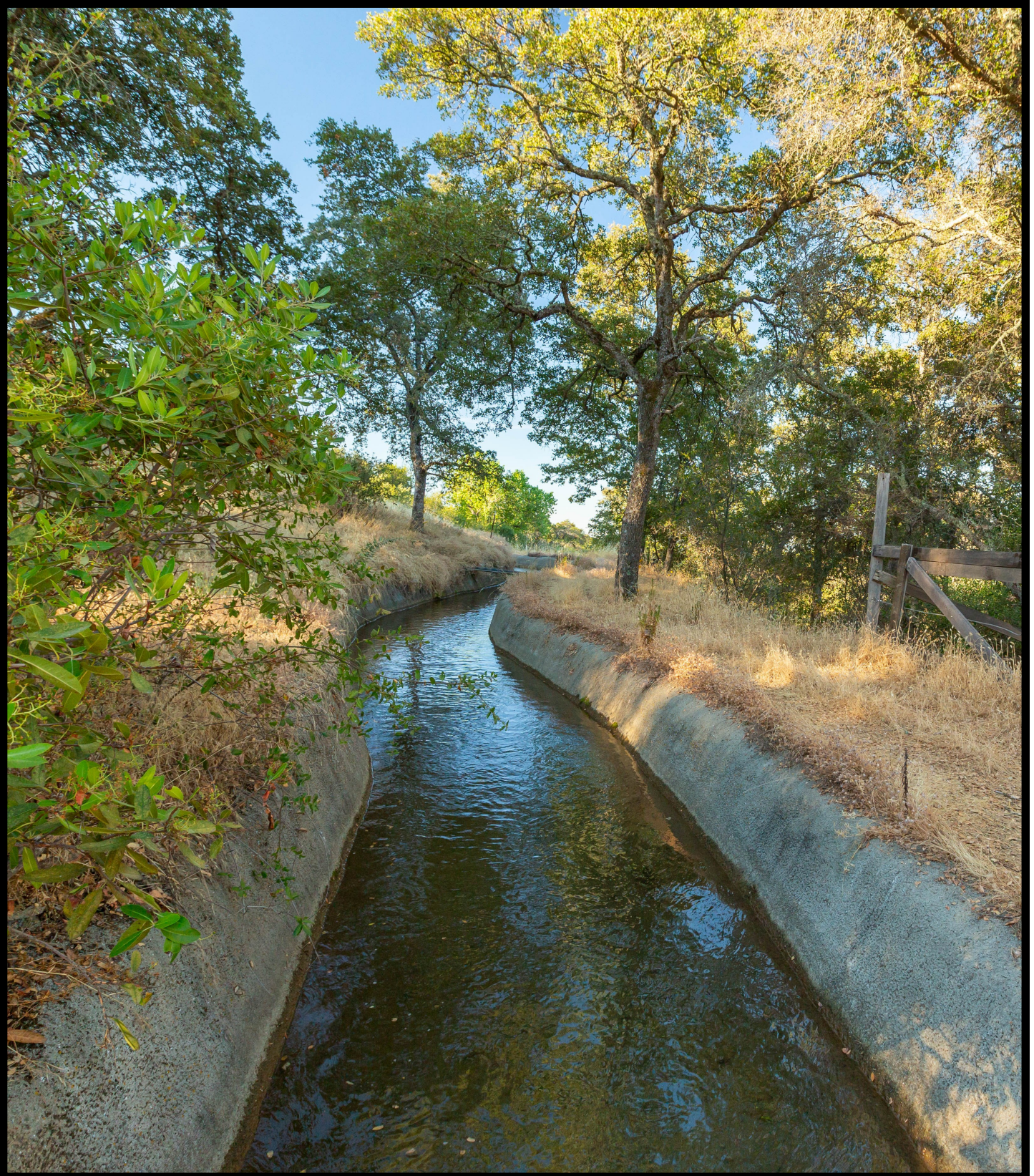
followed by various staff meetings to discuss the budgeting process, operating budget needs, potential new personnel positions, routine capital and project needs, rate setting and financial outlook.

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.

In 2022, the Board's Finance Committee, consisting of Directors Alpine and Santini, met on July 7th to review the 2023 Budget Timeline, and the Proposed 2023 Power Division Budget. The Committee met again on August 4th, August 22nd, and September 12th, to discuss the Proposed 2023 Agency Wide and Water Division Budgets and October 17th to discuss the Proposed 2023 Combined Agency Budget. Comments and suggestions from those meetings have been incorporated into the final budget document.

Annual Budget



Antelope Canal, near Clover Valley Reservoir, Penryn

Placer County Water Agency
2023 Combined All-Inclusive Expense Budget

	2023 Adopted			
	Agency Wide	Power Division	Water Division	Total
Operating Expenses				
Total Operating Expenses	\$ 5,062,962	31,539,440	49,370,131	85,972,533
Total Operating Expenses	5,062,962	31,539,440	49,370,131	85,972,533
Capital Improvement Plan				
Middle Fork Project Infrastructure Projects	-	28,510,000	-	28,510,000
Reserves Funded Projects	13,814,000	-	-	13,814,000
Rates Funded Projects	-	-	26,740,000	26,740,000
Expansion Projects	-	-	2,060,000	2,060,000
Project Debt Service Costs (Rates and Expansion)	-	-	7,761,000	7,761,000
Total Capital Improvement Plan	13,814,000	28,510,000	36,561,000	78,885,000
Total Expense Budget*	\$ 18,876,962	60,049,440	85,931,131	164,857,533

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

Placer County Water Agency
2023 Combining Budget Schedule

	2023 Adopted			
	Agency Wide	Power Division	Water Division	Combined Total
Revenue				
Water Sales	\$ 1,200,000	-	61,977,550	63,177,550
MFPFA Appropriation	-	60,049,440	-	60,049,440
Other Revenue	2,505,000	-	3,148,560	5,653,560
Total Revenue	3,705,000	60,049,440	65,126,110	128,880,550
Operations				
Board of Directors	190,115	-	-	190,115
General Manager's Office:				
General Manager	765,430	-	-	765,430
Legal Services	224,663	190,680	190,680	606,023
Strategic Affairs - Resource Management	2,035,027	716,356	-	2,751,383
Administrative Services	3,907,676	1,695,300	-	5,602,976
Customer Services	421,860	-	5,178,271	5,600,131
Field Services	-	10,000	17,505,215	17,515,215
Financial Services	2,443,419	1,184,570	-	3,627,989
Power System	-	17,569,569	-	17,569,569
Energy Marketing	-	1,512,053	-	1,512,053
Technical Services	634,955	3,920,495	14,222,934	18,778,384
Information Technology	3,269,042	618,917	1,458,981	5,346,940
Non-departmental Expenses	787,275	1,183,000	3,186,700	5,156,975
Service Level Support (Note 1)	(10,359,000)	2,465,000	6,664,000	(1,230,000)
Routine Capital	742,500	473,500	963,350	2,179,350
Total Operations	5,062,962	31,539,440	49,370,131	85,972,533
Capital Projects				
Capital Improvement Plan Appropriation	13,814,000	28,510,000	26,740,000	69,064,000
Project Debt Service	-	-	4,711,000	4,711,000
Total Capital Uses (Note 2)	13,814,000	28,510,000	31,451,000	73,775,000
Summary				
Total Revenue	3,705,000	60,049,440	65,126,110	128,880,550
Total Operations	5,062,962	31,539,440	49,370,131	85,972,533
Total Capital Projects	13,814,000	28,510,000	31,451,000	73,775,000
Revenue Under Expenses	(15,171,962)	-	(15,695,021)	(30,866,983)
(To) From Reserves	15,171,962	-	15,695,021	30,866,983
Net	\$ -	-	-	-

Note 1 - Service Level Support - Based on the 2023 Cost Allocation Plan, \$10,359,000 of service level support is attributed to operating divisions (\$2,465,000 to the Power Division and \$6,664,000 to the Water Division) and \$1,230,000 is attributed to capital projects.

Note 2 - Water Connection Charge (WCC) funds are restricted, therefore, the **2023 Water Connection Charge Capital Projects and Debt Service** totaling \$5,110,000 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
2023 Budget Schedule**

	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Adopted Budget			
						Total	Agency Wide	Power	Water
Vehicles	\$ 1,008,400	1,160,352	779,926	513,000	856,000	435,000	-	275,000	160,000
Equipment & Tools	1,132,064	765,205	932,769	585,407	585,000	604,850	-	38,500	566,350
Office Furniture and Equipment	125,000	110,000	98,200	10,000	70,000	65,000	-	50,000	15,000
Computer Software and Hardware	310,500	607,800	786,424	578,400	705,300	1,074,500	742,500	110,000	222,000
Total Routine Capital	\$ 2,575,964	2,643,357	2,597,319	1,686,807	2,216,300	2,179,350	742,500	473,500	963,350

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
2023 Budget Schedule

	2022 Adjusted Budget	2023 Adopted Budget
Revenue		
Out of County Water Sales (2021 Source Revenue)	\$ 12,500,000	-
Water Sales (Long-term Contracted)	1,000,000	1,200,000
Interest Earnings	450,000	450,000
Property Tax	1,075,000	1,200,000
Rental Income	728,000	790,000
Other	65,000	65,000
Total Revenue	15,818,000	3,705,000
Operations		
Board of Directors (Note 1)	176,216	190,115
General Manager's Office:		
General Manager	690,746	765,430
Legal Services (Note 2)	246,978	224,663
Strategic Affairs - Resource Management	1,981,089	2,035,027
Administrative Services	3,830,672	3,907,676
Customer Services - Public Affairs	391,868	421,860
Financial Services	2,394,766	2,443,419
Technical Services:		
Engineering	143,779	309,434
Safety	274,710	325,521
Information Technology	3,225,425	3,269,042
Non-departmental Expenses	760,275	787,275
Service Level Support (Note 3)	(10,628,000)	(10,359,000)
Routine Capital	337,000	742,500
Total Operations	3,825,524	5,062,962
Capital Projects		
Capital Improvement Plan	1,728,500	13,629,000
County Wide Master Plan - FAP	225,000	185,000
Total Capital Projects	1,953,500	13,814,000
Summary		
Total Revenue	15,818,000	3,705,000
Total Operations	3,825,524	5,062,962
Total Capital Projects	1,953,500	13,814,000
Revenue Under Expenses	10,038,976	(15,171,962)
(To) From Reserves	(10,038,976)	15,171,962
Net	\$ -	-

See Notes on following page.

Placer County Water Agency
Agency Wide
2023 Budget Schedule

Note References for Page 17

- Note 1 - Board of Directors** operating expense includes an annual budget for half of the biennial general election expenses estimated at \$140,000.
- Note 2 - The Legal Services** Department was established by Board action on April 24, 2016, and staffed with one attorney in July 2016, who directs, plans, and organizes an array of legal functions, as well as provides comprehensive representation for the Agency on a variety of legal and strategic matters. The position of Deputy Staff Counsel was added in May of 2021. On September 18, 2021, the Board of Directors appointed Dan Kelly as General Counsel. 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 2021 Agency Wide actual amounts. Based on this lookback approach the 2023 Cost Allocation Plan model results in \$9,129,000 of service level support attributed to operating divisions and \$1,230,000 attributed to capital projects as follows:

	2022 Adjusted Budget	2023 Adopted Budget
Service Level Support:		
Power Division (Operations)	\$ (2,691,000)	(2,465,000)
Water Division (Operations)	(6,752,000)	(6,664,000)
Capital Projects	(1,185,000)	(1,230,000)
	<u>\$ (10,628,000)</u>	<u>(10,359,000)</u>

Placer County Water Agency
Agency Wide
Statement of Expenses by Department and Category
2023 Budget Schedule

	2022 Adjusted Budget	2023 Adopted Budget
Operating Expenses		
Expenses by Department:		
Board of Directors	\$ 176,216	190,115
General Manager's Office	2,918,813	3,025,120
Administrative Services	3,830,672	3,907,676
Customer Services - Public Affairs	391,868	421,860
Financial Services	2,394,766	2,443,419
Technical Services	418,489	634,955
Information Technology	3,225,425	3,269,042
Non-departmental Expenses (Note 1)	760,275	787,275
Service Level Support	(10,628,000)	(10,359,000)
Routine Capital	337,000	742,500
Total Departmental Expenses	\$ 3,825,524	5,062,962

Expenses by Category:		
Personnel Services (Salary & Benefits)	\$ 8,787,683	9,239,928
Operating Supplies	197,929	208,244
Operating Services	2,087,842	2,259,040
Insurance (Note 2)	900,000	900,000
Contracted Services	2,143,070	2,072,250
Service Level Support	(10,628,000)	(10,359,000)
Routine Capital	337,000	742,500
Total Expenses by Category	\$ 3,825,524	5,062,962

Note 1 - Non-departmental Expenses	2022	2023
Other Post Employment Benefits (Retiree Health) Pre-Funding	162,000	189,000
CalPERS Unfunded Actuarial Liability Required Contribution	503,275	227,138
CalPERS Unfunded Actuarial Liability Discretionary Contribution	90,000	366,137
Workers' Compensation Claim Allowance	5,000	5,000
	\$ 760,275	787,275

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 2018 - 2023

	Audited 2018	Audited 2019	Audited 2020	Audited 2021	Adjusted 2022 Budget	2023 Adopted Budget
Operating Revenue:						
Water Sales (Long-term Contracted)	1,151,413	1,339,457	962,920	2,002,788	1,000,000	1,200,000
Other	31,264	86,170	36,556	79,359	65,000	65,000
Total Operating Revenue	1,182,677	1,425,627	999,476	2,082,147	1,065,000	1,265,000
Operating Expenses:						
General and Administrative (Note 1)	1,181,770	1,136,134	1,731,674	29,645	3,488,524	4,320,462
Depreciation (Note 2)	913,666	915,671	1,070,997	1,020,802	-	-
Total Operating Expenses	2,095,436	2,051,805	2,802,671	1,050,447	3,488,524	4,320,462
Operating Income (Loss)	(912,759)	(626,178)	(1,803,195)	1,031,700	(2,423,524)	(3,055,462)
Non-Operating Revenue:						
Out of County Water Sales (Note 3)	-	-	6,650,000	12,500,000	-	-
Costs Recovered from Other Agencies	78,431	72,418	156,832	152,646	-	-
Investment Income (Note 4)	545,015	1,500,264	1,437,193	(226,534)	450,000	450,000
Property Taxes	1,054,705	1,140,713	1,117,624	1,206,204	1,075,000	1,200,000
Rental Income	583,000	634,000	690,000	700,000	728,000	790,000
Other (Note 5)	101,771	(74,637)	6,064,283	(61,923)	-	-
Total Non-Operating Revenue	2,362,922	3,272,758	16,115,932	14,270,393	2,253,000	2,440,000
Transfers	(720,380)	(125,000)	(592,996)	(2,615,763)	-	-
Net	729,783	2,521,580	13,719,741	12,686,330	(170,524)	(615,462)
Beginning Net Position	41,864,926	37,384,749	39,906,329	53,626,070	66,312,400	66,141,876
Restatement (Note 6)	(5,209,960)	-	-	-	-	-
Ending Net Position	37,384,749	39,906,329	53,626,070	66,312,400	66,141,876	65,526,414

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.

Note 6 - Net Position Restatement - In 2018, with the implementation of GASB 75, the unfunded other post-employment benefits liability is reported on the Statement of Net Position, resulting in a prior period adjustment to net position. Prior to the issuance of these statements, and in accordance with existing GASB standards, these liabilities were previously disclosed in the Notes to Financial Statements.

Placer County Water Agency
Agency Wide
Reserves
2023 Budget Schedule

	January 1, 2022	2022 Activity Budget Sources/(Uses)	CY Board Approved (Uses)	Transfers (Note 3)	2022 Allocation of 2021 Water Sales	2022 Year-end Estimated Balance	2023 Adopted Sources/(Uses)	2023 Year-end Estimated Balance	2023 Minimum Target
Operating Reserve:									
Operational	\$ 1,599,802	(671,024)		1,500,000		2,428,778	(1,255,599)	1,173,179	2,080,000
General Elections (Note 1)	70,000	(70,000)				-	70,000	70,000	-
Total Operating Reserve	1,669,802	(741,024)	-	1,500,000		2,428,778	(1,185,599)	1,243,179	2,080,000
Capital Reserve:									
Vehicles, Equipment and Other Routine Capital Replacement	697,364					697,364	(302,000)	395,364	700,000
Renewable Energy Facilities	2,425,000		(500,000)			1,925,000	(110,009)	1,814,991	8,200,000
IT Infrastructure and Cybersecurity	999,988					999,988	(491,605)	508,383	1,000,000
Agency Wide Building Maintenance, New Facilities, and Improvements	3,195,281	(670,000)		(1,500,000)		1,025,281		1,025,281	3,000,000
Total Capital Reserve	7,317,633	(670,000)	(500,000)	(1,500,000)		4,647,633	(903,614)	3,744,019	12,900,000
Liabilities Reserve:									
Compensated Absences (current portion)	892,981					892,981		892,981	1,100,000
Insurance Claim Liability/Deductible	498,805					498,805		498,805	500,000
Pension Liability Funding Program	2,013,344					2,013,344	366,137	2,379,481	3,000,000
Total Liabilities Reserve	3,405,130	-	-	-		3,405,130	366,137	3,771,267	4,600,000
Specific Activities, Programs and Special Projects Reserve:									
Out of County Water Sales (To Be Allocated) (Note 2)	12,500,000				(12,500,000)	-		-	-
MFP Water Rights Permit Extension	1,581,731	(85,000)				1,496,731	(35,000)	1,461,731	1,500,000
Financial Assistance Program (Grant/Loan Program)	70,983		(40,000)			30,983		30,983	-
Legal Defense Reserve Fund	2,075,888					2,075,888		2,075,888	3,000,000
Enterprise Resource Planning (ERP) System Replacement (AW portion)	648,895					648,895	(648,895)	-	-
Stewardship Matters	1,410,827		(100,000)		12,500,000	13,810,827	(12,000,000)	1,810,827	5,000,000
Yuba/Bear River Water Supply Reliability	1,000,000					1,000,000		1,000,000	4,500,000
Regional Water Supply Reliability Program	2,602,818	(50,000)				2,552,818	(115,000)	2,437,818	10,000,000
Regulatory Mandates	924,991	(275,000)				649,991	(649,991)	-	650,000
Catastrophic Events and Disaster Recovery	3,373,945					3,373,945		3,373,945	5,000,000
Total Specific Activities, Programs and Special Projects Reserve	26,190,078	(410,000)	(140,000)	-	-	25,640,078	(13,448,886)	12,191,192	29,650,000
Total Agency Wide Reserves	\$ 38,582,643	(1,821,024)	(640,000)	-	-	36,121,619	(15,171,962)	20,949,657	49,230,000

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 - Out of County Water Sales - This is a holding account for when revenues are received. The allocation of revenues are considered by the Finance Committee and the Board during the annual Budget cycle.

Note 3 - Transfers based on 2022 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 annual 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.

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.

Enterprise Resource Planning (ERP) System Replacement (Agency Wide portion)

Description: Estimate of Agency Wide's portion of the replacement of the existing ERP System.

Target Methodology/Rationale/Considerations: To be eliminated with 2023 Budget use.

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
2023 Budget Schedule

	2022 Adjusted Budget	2023 Adopted Budget
Revenue		
MFPFA Appropriation (Note 1)	\$ 64,401,109	60,049,440
Total Revenue	64,401,109	60,049,440
Operations		
Administrative Services	1,600,000	1,695,300
Field Services	10,000	10,000
Financial Services	1,361,065	1,184,570
General Manager's Office:		
Legal Services	121,652	190,680
Strategic Affairs Resource Management	1,003,194	716,356
Power System	15,507,610	17,569,569
Energy Marketing	1,298,782	1,512,053
Technical Services	3,253,089	3,920,495
Information Technology	354,067	618,917
Non-departmental Expenses (Note 2)	1,155,000	1,183,000
Service Level Support	2,691,000	2,465,000
Routine Capital	610,300	473,500
Total Operations	28,965,759	31,539,440
Capital Projects		
Capital Improvement Plan	35,435,350	28,510,000
Total Capital Projects	35,435,350	28,510,000
Summary		
Total Revenue	64,401,109	60,049,440
Total Operations	28,965,759	31,539,440
Total Capital Projects	35,435,350	28,510,000
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	2022	2023
Other Post Employment Benefits (Retiree Health) Pre-Funding	\$ 166,000	194,000
CalPERS Unfunded Actuarial Liability Required Contribution	829,000	632,742
CalPERS Unfunded Actuarial Liability Discretionary Contribution	110,000	306,258
Workers' Compensation Claim Allowance	50,000	50,000
	\$ 1,155,000	1,183,000

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 \$34.9 million at October 1, 2022.

Placer County Water Agency
Power Division
Statement of Expenses by Department and Category
2023 Budget Schedule

	2022 Adjusted Budget	2023 Adopted Budget
Operating Expenses		
Expenses by Department:		
Administrative Services (Note 1)	\$ 1,600,000	1,695,300
Field Services	10,000	10,000
Financial Services (Note 2)	1,361,065	1,184,570
General Manager's Office	1,124,846	907,036
Power System	15,507,610	17,569,569
Energy Marketing	1,298,782	1,512,053
Technical Services	3,253,089	3,920,495
Information Technology	354,067	618,917
Non-departmental Expenses	1,155,000	1,183,000
Service Level Support	2,691,000	2,465,000
Routine Capital	610,300	473,500
Total Departmental Expenses	\$ 28,965,759	31,539,440
Expenses by Category:		
Personnel Services (Salary & Benefits)	\$ 8,505,840	9,254,511
Operating Supplies	744,600	925,350
Operating Services	4,648,069	5,084,237
Insurance	1,600,000	1,695,300
Contracted Services	3,784,200	4,442,650
Cost Share Partnerships (Note 3)	3,519,000	3,643,000
FERC License Condition Implementation	2,862,750	3,555,892
Service Level Support	2,691,000	2,465,000
Routine Capital	610,300	473,500
Total Expenses by Category	\$ 28,965,759	31,539,440

Note 1 - The **Administrative Services** budget is comprised of insurance which is a direct expense.

Note 2 - The **Financial Services** budget is comprised primarily of cost share partnerships, and middle and back office support functions which are direct expenses.

Note 3 - Cost Share Partnerships

	2023
US Forest Service:	
Operations and Maintenance	\$ 560,000
Heavy Maintenance	95,000
Technical Services	95,000
Subtotal US Forest Service	750,000
Bureau of Land Management	285,000
Bureau of Reclamation	225,000
Placer County:	
Public Safety	1,030,000
Public Accessibility	670,000
Impact on County Revenues	383,000
Administration	300,000
Subtotal Placer County	2,383,000
Total Cost Share Partnerships	\$ 3,643,000

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 2018 - 2023

	Audited 2018	Audited 2019	Audited 2020	Audited 2021	Adjusted 2022 Budget	2023 Adopted Budget
Revenue:						
MFPFA Appropriation (Power Sales) (Note 1)	35,460,053	33,362,891	38,192,945	35,421,810	64,401,109	60,049,440
Total Revenue	35,460,053	33,362,891	38,192,945	35,421,810	64,401,109	60,049,440
Operating Expenses:						
Electrical Operations & Maintenance	10,625,383	9,242,533	9,693,967	11,592,572	9,650,745	11,451,832
Recreation	2,182,171	2,296,433	2,338,479	2,493,901	2,669,000	2,960,000
Technical Services	563,015	689,292	1,277,394	1,873,869	3,253,089	3,920,495
Information Technology	-	-	-	-	354,067	618,917
Power General and Administrative	3,858,767	4,583,773	3,717,632	2,115,678	4,352,865	4,350,737
Administrative Services	876,657	891,004	1,024,056	1,199,125	1,600,000	1,695,300
Financial Services	1,224,919	1,239,478	992,499	740,119	1,361,065	1,184,570
Legal Services	44,778	91,358	134,156	136,147	121,652	190,680
Strategic Affairs Resource Management	296,547	237,456	213,335	338,178	1,003,194	716,356
Energy Marketing	1,377,515	1,521,093	1,534,511	965,304	1,298,782	1,512,053
Service Level Support	2,282,000	3,267,387	3,324,800	3,621,000	2,691,000	2,465,000
Depreciation (Note 2)	5,273,551	4,881,379	5,695,437	6,749,926	-	-
Total Operating Expenses	28,605,303	28,941,186	29,946,266	31,825,819	28,355,459	31,065,940
Operating Income (Loss)	6,854,750	4,421,705	8,246,679	3,595,991	36,045,650	28,983,500
Non-Operating Revenue:						
Interest Earnings and Other	251,672	555,111	481,697	74,650	-	-
Total Non-Operating Revenue:	251,672	555,111	481,697	74,650	-	-
Transfers	613,074	-	-	-	-	-
Net	7,719,496	4,976,816	8,728,376	3,670,641	36,045,650	28,983,500
Beginning Net Position	168,958,648	175,644,330	180,621,146	189,349,522	193,020,163	229,065,813
Restatement (Note 3)	(1,033,814)	-	-	-	-	-
Ending Net Position	175,644,330	180,621,146	189,349,522	193,020,163	229,065,813	258,049,313

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.

Note 3 - Net Position Restatement - In 2018, with the implementation of GASB 75, the unfunded other post-employment benefits liability is reported on the Statement of Net Position, resulting in a prior period adjustment to net position. Prior to the issuance of these statements, and in accordance with existing GASB standards, these liabilities were previously disclosed in the Notes to Financial Statements.

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Water Division



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Placer County Water Agency
Water Division
2023 Budget Schedule

	2022 Adjusted Budget	2023 Adopted Budget
Revenue		
Water Sales:		
Commodity	\$ 23,816,000	25,613,750
Fixed Charge	17,474,200	20,890,200
Renewal and Replacement	15,046,900	15,473,600
Total Water Sales	56,337,100	61,977,550
Other Revenue	2,829,000	3,148,560
Total Revenue	59,166,100	65,126,110
Operations		
Customer Services	4,893,756	5,178,271
GM Office: Legal Services	163,334	190,680
Field Services	15,529,083	17,505,215
Technical Services	12,296,041	14,222,934
Information Technology	1,385,498	1,458,981
Non-departmental Expenses	2,687,700	3,186,700
Service Level Support	6,752,000	6,664,000
Routine Capital	3,039,480	963,350
Total Operations	46,746,892	49,370,131
Capital Projects		
Capital Improvement Plan	20,834,500	26,740,000
Project Debt Service	4,738,000	4,711,000
Debt Proceeds	(3,000,000)	-
Total Capital Projects - Rate Funded	22,572,500	31,451,000
Summary		
Total Revenue	59,166,100	65,126,110
Total Operations	46,746,892	49,370,131
Total Capital Projects (Net of Debt Proceeds)	22,572,500	31,451,000
Revenue Under Expenses	(10,153,292)	(15,695,021)
(To) From Reserves	10,153,292	15,695,021
Net	\$ -	-

Placer County Water Agency
Water Division
2023 Revenue Budget Schedule

	2022 Adjusted Budget	2023 Adopted Budget
Revenue		
Water Sales - Treated Retail:		
Commodity	\$ 17,495,100	19,025,000
Fixed Charge	13,064,600	14,055,600
Renewal and Replacement Charge	11,414,000	12,573,800
Subtotal Water Sales - Treated Retail	41,973,700	45,654,400
Water Sales - Treated Resale: (Note 1)		
Commodity	1,813,200	2,208,250
Fixed Charge	4,169,900	6,300,600
Renewal and Replacement Charge	3,366,800	2,585,800
Subtotal Water Sales - Treated Resale	9,349,900	11,094,650
Water Sales - Untreated:		
Commodity	4,181,500	4,144,000
Resale Commodity (Note 2)	326,200	236,500
Fixed Charge	239,700	534,000
Renewal and Replacement Charge	266,100	314,000
Subtotal Water Sales - Untreated	5,013,500	5,228,500
Total Water Sales	56,337,100	61,977,550
Other Revenue:		
Engineering Charges	850,000	1,134,000
Customer Service Charges	650,000	676,000
Contributions in Aid of Construction (Install Charges)	239,000	248,560
Interest Earnings (Operations Portion)	750,000	750,000
Interest Earnings (Capital Portion)	150,000	150,000
Other (Operating and Non-Operating)	190,000	190,000
Total Other Revenue	2,829,000	3,148,560
Total Revenue	\$ 59,166,100	65,126,110

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
Willo-Glen Water Company
Rio Bravo
Midway Heights

Note 2 - Untreated Water Resale Customers

Christian Valley Park Community Service District
Alpine Meadows Water Association
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
2023 Budget Schedule

	2022 Adjusted Budget	2023 Adopted Budget
Operating Expenses		
Expenses by Department:		
Customer Services	\$ 4,893,756	5,178,271
GM Office: Legal Services	163,334	190,680
Field Services	15,529,083	17,505,215
Technical Services	12,296,041	14,222,934
Information Technology	1,385,498	1,458,981
Non-departmental Expenses (Note 1)	2,687,700	3,186,700
Service Level Support	6,752,000	6,664,000
Routine Capital	3,039,480	963,350
Total Departmental Expenses	\$ 46,746,892	49,370,131
Expenses by Category:		
Personnel Services (Salary & Benefits)	\$ 21,119,223	22,241,912
Operating Supplies	2,267,850	2,817,125
Chemicals	881,760	1,088,830
Operating Services	4,279,048	4,617,904
Purchased Water	4,979,300	5,434,610
MFP Water Pumping	673,250	1,370,000
Contracted Services	2,754,981	3,772,400
Service Level Support	6,752,000	6,664,000
Reserve Funding	-	400,000
Routine Capital	3,039,480	963,350
Total Expenses by Category	\$ 46,746,892	49,370,131

Note 1 - Non-departmental Expenses

	2022	2023
Other Post Employment Benefits (Retiree Health) Pre-Funding	\$ 595,000	694,000
CalPERS Unfunded Actuarial Liability Required Contribution	1,672,700	762,535
CalPERS Unfunded Actuarial Liability Discretionary Contribution	300,000	1,210,165
Workers Compensation Claim Allowance	120,000	120,000
Reserve Funding (Vehicle Replacement Program)	-	400,000
	2,687,700	3,186,700

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

	2022 Adjusted Budget	2023 Adopted Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
Estimated Reserve Funds Available for Use, January 1	\$ 25,196,244	22,420,644	12,093,244	11,487,032	13,333,032	16,522,032
Capital Sources:						
Renewal & Replacement Charge Revenue(Note 1)	15,046,900	15,473,600	16,678,000	18,046,000	19,527,000	20,935,000
Debt Proceeds - Draws (Note 2)	4,600,000	5,500,000	-	-	-	-
State Consolidation Funding (Note 3)	-	-	1,044,288	3,000,000	-	-
Interest	150,000	150,000	150,000	150,000	150,000	150,000
Total Capital Sources	19,796,900	21,123,600	17,872,288	21,196,000	19,677,000	21,085,000
Capital Uses:						
Rate Funded Projects - in Capital Plan 5-yr Budget	17,834,500	26,740,000	14,689,500	15,565,000	12,700,000	10,120,000
Debt Service (paid in January & June)	4,738,000	4,711,000	3,789,000	3,785,000	3,788,000	3,788,000
Total Capital Uses	22,572,500	31,451,000	18,478,500	19,350,000	16,488,000	13,908,000
Estimated Reserve Funds Available for Use, December 31	\$ 22,420,644	12,093,244	11,487,032	13,333,032	16,522,032	23,699,032

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 2024 - 2027 is projected to increase at an average growth scenario.

Note 2 - Debt Proceeds - Draws in December 2021 the Agency drew \$8.2 million and in September 2022 \$4.6M, it is anticipated the entire proceeds of the 2021 Debt Issuance totaling \$18.4 million will be drawn by year-end 2023.

Note 3 - State Consolidation Funding estimated timing and amounts from State for water system consolidation.

Placer County Water Agency
Water Division
Water Connection Charge (WCC) - Restricted
2023 Budget Schedule

Cash and Investments Balance - Beginning of Year	
	2022
Total WCC Balance (Restricted)	\$ 49,307,042
Less: Rate Stabilization Reserve	6,075,000
Less: Projects Funded (amount available in construction fund)	4,830,952
Estimated Funds Available for Use, January 1	\$ 38,401,091

	2022 Adjusted Budget	2023 Adopted Budget
Estimated Funds Available for Use, January 1	\$ 38,401,091	35,585,091
Capital Sources:		
Water Connection Charge Revenue	6,000,000	6,000,000
Total Capital Sources	6,000,000	6,000,000
Capital Uses - Appropriations:		
Capital Improvement Plan Appropriation	5,765,000	2,060,000
Debt Service (paid in January & June)	3,051,000	3,050,000
Total Capital Uses	8,816,000	5,110,000
Estimated Funds Available for Use, December 31	\$ 35,585,091	36,475,091
<i>Estimated Units of Capacity (UOCs) paid</i>	300	300
Water Connection Charge Debt Outstanding (at January 1)	\$ 31,781,950	30,082,725

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

	2022 Adjusted Budget	2023 Adopted Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
Estimated Funds Available for Use, January 1	\$ 38,401,091	35,585,091	36,475,091	31,149,091	32,950,091	24,101,091
Capital Sources:						
Water Connection Charge Revenue	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Total Capital Sources	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Capital Uses:						
Capital Improvement Plan Appropriation	5,765,000	2,060,000	7,200,000	80,000	10,660,000	2,321,500
Debt Service (paid in January & June)	3,051,000	3,050,000	4,126,000	4,119,000	4,189,000	4,188,000
Total Capital Uses	8,816,000	5,110,000	11,326,000	4,199,000	14,849,000	6,509,500
Estimated Funds Available for Use, December 31	\$ 35,585,091	36,475,091	31,149,091	32,950,091	24,101,091	23,591,591
<i>Estimated Units of Capacity (UOCs) paid</i>	300	300	300	300	300	300

Placer County Water Agency
Water Division
Statement of Revenues, Expenses and Changes in Net Position - Actual and Budget
[Financial Statement Format] Years 2018 - 2023

	Audited 2018	Audited 2019	Audited 2020	Audited 2021	2022 Adjusted Budget	2023 Adopted Budget
Operating Revenue:						
Water Sales	50,884,451	53,082,618	57,644,614	58,365,912	56,337,100	61,977,550
Engineering Charges	820,177	828,159	803,824	773,580	850,000	1,134,000
Customer Service Charges	849,742	842,105	686,222	716,060	650,000	676,000
Other Revenue	151,482	87,239	108,225	87,895	190,000	190,000
Total Operating Revenue	52,705,852	54,840,121	59,242,885	59,943,447	58,027,100	63,977,550
Operating Expenses:						
Purchased Water	4,255,328	3,991,862	4,770,465	4,710,148	4,979,300	5,434,610
Water Treatment	8,001,420	8,664,994	9,051,455	8,741,551	8,407,407	9,448,619
Pumping Plants & Wells	747,766	517,618	909,644	2,712,014	673,250	1,370,000
Transmission and Distribution:						
Treated Water	3,370,479	3,600,970	3,661,219	3,646,884	3,370,793	4,129,285
Untreated Water	3,916,654	4,317,585	4,536,722	3,860,441	3,903,383	4,199,791
Operations Administration	1,149,458	1,142,520	1,129,006	1,238,070	1,079,652	1,084,190
Customer Service and Collection	3,893,793	4,759,128	4,660,981	4,772,471	4,893,756	5,178,271
Automotive & Equipment	1,040,425	1,085,973	1,005,429	1,037,238	954,835	1,212,335
Engineering	4,547,231	4,826,065	5,071,772	3,643,484	3,215,384	3,404,315
General and Administrative	6,582,843	7,245,844	6,887,794	8,226,998	12,229,652	12,545,365
Subtotal Operating Expenses	37,505,397	40,152,559	41,684,487	42,589,299	43,707,412	48,006,781
Depreciation (Note 1)	18,471,176	18,412,182	18,687,778	19,987,320	-	-
Total Operating Expenses	55,976,573	58,564,741	60,372,265	62,576,619	43,707,412	48,006,781
Operating Income (Loss)	(3,270,721)	(3,724,620)	(1,129,380)	(2,633,172)	14,319,688	15,970,769
Non-Operating Revenue:						
Contributions in Aid of Construction	210,346	141,049	228,668	217,320	239,000	248,560
Water Connection Charge	10,385,103	7,690,159	8,730,256	14,231,261	6,000,000	6,000,000
Investment Income (Note 2)	2,184,380	4,670,517	3,571,603	(634,121)	750,000	750,000
Assessments	7,480	7,192	6,904	31,130	-	-
Gain (Loss) on Disposal of Assets	173,689	164,150	235,555	165,641	-	-
Grant	1,083,608	461,508	143,880	1,499,429	-	-
Other	421,180	181,008	863,612	(37,372)	-	-
Total Non-Operating Revenue	14,465,786	13,315,583	13,780,478	15,473,288	6,989,000	6,998,560
Non-Operating Expenses:						
Interest Expense	2,560,431	2,143,940	2,004,360	2,378,007	3,781,000	-
Total Non-Operating Expenses	2,560,431	2,143,940	2,004,360	2,378,007	3,781,000	-
Contributed Capital	3,543,879	5,321,018	7,136,700	4,329,400	-	-
Transfers	107,306	125,000	493,185	2,615,763	-	-
Net	12,285,819	12,893,041	18,276,623	17,407,272	17,527,688	22,969,329
Beginning Net Position	479,853,277	489,698,584	502,591,625	520,868,248	538,275,520	555,803,208
Restatement (Note 3)	(2,440,512)	-	-	-	-	-
Ending Net Position	489,698,584	502,591,625	520,868,248	538,275,520	555,803,208	578,772,537

See Notes on following page.

**Placer County Water Agency
Water Division
Statement of Revenues, Expenses and Changes in Net Position - Actual and Budget
[Financial Statement Format]
Years 2018 - 2023**

Note References for Page 37

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.

Note 3 - Net Position Restatement - In 2018, with the implementation of GASB 75, the unfunded other post-employment benefits liability is reported on the Statement of Net Position, resulting in a prior period adjustment to net position. Prior to the issuance of these statements, and in accordance with existing GASB standards, these liabilities were previously disclosed in the Notes to Financial Statements.

Placer County Water Agency
Water Division
Reserves
2023 Budget Schedule

	January 1, 2022	2022 Activity			2022 Year-end Estimated Balance	2023 Adopted Sources/(Uses)	2023 Year-End Estimated Balance	2023 Minimum Target
		Budget Sources/(Uses)	CY Board Approved (Uses)	Transfers (Note 3)				
Operating Reserve:								
Operational (Note 1)	\$ 10,326,554	(1,107,212)	(1,760,000)		7,459,342		7,459,342	14,500,000
Revenue Volatility (Note 2)	4,951,461			48,539	5,000,000		5,000,000	5,000,000
American River Water Pumping (Electricity)	1,490,396			9,604	1,500,000	(696,750)	803,250	1,500,000
Total Operating Reserve	16,768,411	(1,107,212)	(1,760,000)	58,143	13,959,342	(696,750)	13,262,592	21,000,000
Capital Reserve:								
Building and Facilities Maintenance and Improvements	2,135,469			(135,469)	2,000,000		2,000,000	2,000,000
IT Infrastructure and Cybersecurity	999,988			12	1,000,000		1,000,000	1,000,000
Vehicles, Equipment and Other Routine Capital Replacement	1,827,547		(1,770,480)		57,067	400,000	457,067	1,500,000
Revolving Grant Matching Funds (Note 4)	496,215			3,785	500,000		500,000	500,000
Renewal and Replacement (Note 5)	25,196,244	(825,600)			24,370,644	(16,508,436)	7,862,208	32,000,000
Total Capital Reserve	30,655,463	(825,600)	(1,770,480)	(131,672)	27,927,711	(16,108,436)	11,819,275	37,000,000
Liabilities Reserve:								
Compensated Absences (current portion)	2,209,741				2,209,741		2,209,741	2,550,000
Insurance Claim Liability/Deductible	500,000				500,000		500,000	500,000
Pension Liability Funding Program	748,286				748,286	1,110,165	1,858,451	9,000,000
Total Liabilities Reserve	3,458,027	-	-	-	3,458,027	1,110,165	4,568,192	12,050,000
Specific Activities, Programs and Special Projects Reserve:								
Legal Defense Reserve Fund	1,499,982			18	1,500,000		1,500,000	1,500,000
Regulatory Mandates	858,145			73,511	931,656		931,656	1,000,000
Catastrophic Events and Disaster Recovery	3,157,240				3,157,240		3,157,240	5,000,000
Total Specific Activities, Programs and Special Projects Reserve	5,515,367	-	-	73,529	5,588,896	-	5,588,896	7,500,000
Total Water Division Reserves	\$ 56,397,268	(1,932,812)	(3,530,480)	-	50,933,976	(15,695,021)	35,238,955	77,550,000

Water Division Operations Debt

Operations Debt Outstanding (at January 1)	\$ 41,073,617	37,780,234
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Note 1 - Operational includes insurance proceeds of \$90k received in 2022.

Note 2 - Revenue Volatility reserve funds are available to offset potential water sales revenue shortfalls due to weather or other variances.

Note 3 - Transfers recommended based on 2022 Reserve analysis.

Note 4 - Revolving Grant Matching Funds are available if needed to fund grant expenses anticipated on being reimbursed.

Note 5 - Renewal and Replacement includes debt proceeds of \$4.6 million in 2022.

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 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.

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.

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Capital Improvement Plan



Reconstructed hillside after Boardman Canal break, Colfax



Hayford Siphon Replacement Project, Colfax

Capital Improvement Plan

This Capital Improvement Plan (CIP) consists of three sections: 1) 2023 Capital Improvement Plan detailing the various 2023 Agency Wide, Power Division and Water Division CIP budgeted projects, 2) 2023 Capital Improvement Plan – Five Year Plan and 3) 2023 Capital Improvement Plan Project Descriptions.

The first section is the ***2023 Capital Improvement Plan***, which details the budgeted 2023 project description, the administering department, the funding source (for example, Water Connection Charge, Water Rate Revenue or Middle Fork Project) and the 2023 budgeted amounts.

The second section is the ***2023 Capital Improvement Plan - Five Year Plan***, which details the project description, anticipated funding source, administering department, the 2023 budgeted amounts and the estimated annual funding appropriation requirements for the subsequent four years (2024 – 2027).

The third section is the ***2023 Capital Improvement Plan Project Descriptions***, which presents a brief description of each 2023 project nature and details.

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2023 Capital Improvement Plan



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2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
AGENCY WIDE PROJECTS										
09018A	American River Water Rights Extension	ENG	Water Supply	999,319	-	-	-	35,000	-	35,000
14056W	RiverArc	ENG	Planning	692,609	-	-	-	115,000	-	115,000
20046W	Enterprise Resource Planning	IT	Other	2,141,111	-	-	-	700,000	-	700,000
22035A	Safety Program	ENG	Other	-	-	-	-	19,000	-	19,000
18005W	Colfax WTP (Regionalization Capacity)	ENG	Treatment	8,288,884	-	-	-	12,000,000	-	12,000,000
22005A	ZEV Infrastructure/Fleet Vehicle Electrification	ENG	Other	234,295	-	-	-	760,000	-	760,000
	Agency Wide Projects				-	-	-	13,629,000	-	13,629,000
COUNTY-WIDE MASTER PLAN										
	Financial Assistance Program	CWMP	Other	-	-	-	-	185,000	-	185,000
	County Wide Master Plan			-	-	-	-	185,000	-	185,000
TOTAL AGENCY WIDE PROJECTS					-	-	-	13,814,000	-	13,814,000
POWER DIVISION PROJECTS (MINOR PROJECTS FOR MFP FINANCE AUTHORITY)										
14002P	Existing Project Adjustment Fund	PWR	Planning	28,233	-	-	-	-	250,000	250,000
14005P	MFP Security Improvements	ENG	Planning	500,000	-	-	-	-	100,000	100,000
SUBTOTAL POWER DIVISION PROJECTS [MINOR PROJECTS FOR MFP FINANCE AUTHORITY]					-	-	-	-	350,000	350,000
POWER DIVISION PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)										
	<i>Major Projects Stand-Alone</i>									
22036P	MFP Forest Management	SARM	Environmental	56,967	-	-	-	-	125,000	125,000
17004P	French Meadows Forest Management	SARM	Environmental	214,771	-	-	-	-	200,000	200,000

2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
20046W	Enterprise Resource Planning	IT	Other	2,141,111	-	-	-	-	500,000	500,000
	<i>French Meadows Powerhouse Reliability Upgrades</i>			1,622,758						
19013P	FM Penstock Interior Inspection & Recoating	PWR	Plant	60,241	-	-	-	-	80,000	80,000
19020P	FMPH Generator and GSU Protection Upgrade	PWR	Plant	-	-	-	-	-	100,000	100,000
	FMPH Plant RTU Replacement	PWR	Plant	-	-	-	-	-	100,000	100,000
20021P	FMPH Turbine PRV Replacement	PWR	Plant	49,850	-	-	-	-	600,000	600,000
14007P	French Meadows Powerhouse Reliability Upgrades	PWR	Plant	1,732,849	-	-	-	-	880,000	880,000
	<i>Middle Fork Powerhouse Reliability Upgrades</i>			-						
	MFPH Transmission Line Protection Replacement	PWR	Plant	-	-	-	-	-	100,000	100,000
	MFPH Plant RTU Replacement	PWR	Plant	-	-	-	-	-	150,000	150,000
	MF Penstock Drainage	PWR	Plant	-	-	-	-	-	50,000	50,000
13025P	MFPH Switchyard Upgrades	PWR	Plant	4,341,503	-	-	-	-	1,500,000	1,500,000
21010P	Interbay Dam Radial Gate Hoist Improvement	PWR	Plant	19,191	-	-	-	-	50,000	50,000
14009P	Middle Fork Powerhouse Reliability Upgrades	PWR	Plant	4,360,694	-	-	-	-	1,850,000	1,850,000
	<i>Oxbow Powerhouse Reliability Upgrades</i>			45,245						
22032P	Abay Dam Radial Gate Structural Retrofit	PWR	Plant	40,000	-	-	-	-	100,000	100,000
21009P	Abay Dam Radial Gate Hoist Improvement	PWR	Plant	18,548	-	-	-	-	150,000	150,000
	OXPB Intake Gate Hoist Replacement	PWR	Plant	-	-	-	-	-	150,000	150,000
14010P	Oxbow Powerhouse Reliability Upgrades	PWR	Plant	103,793	-	-	-	-	400,000	400,000

2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
	<i>Ralston Powerhouse Reliability Upgrades</i>			27,019						
19015P	RA Penstock Internal Coating Replacement & Repair	PWR	Plant	22,842	-	-	-	-	100,000	100,000
	RAPH Plant RTU Replacement	PWR	Plant	-	-	-	-	-	50,000	50,000
14012P	Ralston Powerhouse Reliability Upgrades	PWR	Plant	49,861	-	-	-	-	150,000	150,000
SUBTOTAL POWER DIVISION UPGRADE AND RENEWAL, REPLACEMENT & RELIABILITY PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					-	-	-	-	4,105,000	4,105,000
	<i>FERC License - Project Infrastructure</i>			8,517,186						
09009A	HH Dam Seasonal Storage	PWR	Plant	50,215	-	-	-	-	125,000	125,000
18043P	HH Dam Outlet Works Upgrade	PWR	Plant	348,946	-	-	-	-	250,000	250,000
12018P	Duncan Creek Diversion Dam Upgrade & Recreation Trail	PWR	Plant	19,050,823	-	-	-	-	150,000	150,000
20005P	North Fork Long Canyon Diversion Upgrade	PWR	Plant	93,540	-	-	-	-	1,250,000	1,250,000
20006P	South Fork Long Canyon Diversion Upgrade	PWR	Plant	95,116	-	-	-	-	1,250,000	1,250,000
18042P	Ibay Outlet Works Upgrade and Stream Gage Installation	PWR	Plant	143,944	-	-	-	-	750,000	750,000
	MFP Facility Painting - Visual Resource Management Plan	PWR	Plant	-	-	-	-	-	200,000	200,000
21021P	MFP Power Pole Upgrades	PWR	Plant	88,816	-	-	-	-	150,000	150,000
15016P	MFP Cooperative Road Management	PWR	Plant	331,000	-	-	-	-	250,000	250,000
14013P	FERC License - Project Infrastructure	PWR	Plant	28,719,586	-	-	-	-	4,375,000	4,375,000
	<i>FERC License - Project Recreation Facilities</i>			7,307,866						
14018P	Indian Bar River Access	ENG	Environmental	3,762	-	-	-	-	75,000	75,000
20028P	Afterbay Picnic Area	ENG	Environmental	8,004	-	-	-	-	85,000	85,000

2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
20029P	MF Stream Gage Trail Improvements	ENG	Environmental	1,288	-	-	-	-	10,000	10,000
20030P	Abay Sediment Removal Access Point	ENG	Environmental	4,754	-	-	-	-	50,000	50,000
14020P	FM Boat Ramp Extension and Picnic Area	ENG	Environmental	103,347	-	-	-	-	615,000	615,000
	FM North Shore Water Supply	ENG	Environmental	-	-	-	-	-	470,000	470,000
14019P	FM Campground	ENG	Environmental	62,628	-	-	-	-	7,940,000	7,940,000
21043P	FM RV Dump Station	ENG	Environmental	543	-	-	-	-	50,000	50,000
15009P	FM South Shore Water Supply	ENG	Environmental	45,919	-	-	-	-	50,000	50,000
21048P	HH Parking Improvements	ENG	Environmental	5,075	-	-	-	-	375,000	375,000
21049P	HH Support Facilities Water Supply	ENG	Environmental	7,468	-	-	-	-	1,660,000	1,660,000
14017P	HH Boat Ramp Extension	ENG	Environmental	9,000	-	-	-	-	240,000	240,000
	HH Upper Campground	ENG	Environmental	-	-	-	-	-	100,000	100,000
	McGuire Picnic Area Conversion to Group Campground	ENG	Environmental	-	-	-	-	-	110,000	110,000
	Lewis Campground	ENG	Environmental	-	-	-	-	-	140,000	140,000
16012P	Hell Hole Recreation Work Station & Storage Facility for USFS	ENG	Environmental	245,798	-	-	-	-	7,710,000	7,710,000
14014P	FERC License - Project Recreation Facilities	ENG	Environmental	7,805,452	-	-	-	-	19,680,000	19,680,000
SUBTOTAL POWER DIVISION FERC LICENSE PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					-	-	-	-	24,055,000	24,055,000
SUBTOTAL POWER DIVISION PROJECTS [MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY]					-	-	-	-	28,160,000	28,160,000
TOTAL POWER DIVISION PROJECTS					-	-	-	-	28,510,000	28,510,000

2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
WATER DIVISION PROJECTS										
WATER DIVISION - EXPANSION PROJECTS										
	<i>Treated Water Transmission & Distribution Projects</i>									
21025W	Duncan Hill Treated Water Improvements Project	ENG	TWT&D	3,860,030	2,000,000	-	-	-	-	2,000,000
	Treated Water Transmission & Distribution Projects	ENG	TWT&D	Ongoing	2,000,000	-	-	-	-	2,000,000
	<i>Planning Projects</i>									
	Water System Planning	ENG	Planning	-	60,000	-	-	-	-	60,000
	Planning Projects	ENG	Planning	Ongoing	60,000	-	-	-	-	60,000
SUBTOTAL WATER DIVISION EXPANSION PROJECTS					2,060,000	-	-	-	-	2,060,000
WATER DIVISION - RATES PROJECTS										
	<i>Treatment Projects</i>			<i>128,657</i>						
	Bowman WTP Upgrades - Phase 3 - Flocc Basin	ENG	Treatment	-	-	1,750,000	-	-	-	1,750,000
18005W	Colfax WTP	ENG	Treatment	8,288,884	-	-	-	13,200,000	-	13,200,000
	Weimar Water CIP - Code Compliance, Safety, SCADA Improvements	ENG	Treatment	-	-	-	-	600,000	-	600,000
	Foothill #1 ACTIFO Mixer & Scraper Replacement	ENG	Treatment	-	-	120,000	-	-	-	120,000
18032W	Treatment Projects	ENG	Treatment	8,417,541	-	1,870,000	-	13,800,000	-	15,670,000
	<i>Treated Water Transmission & Distribution Projects</i>			<i>152,852</i>						
	Covey Road Pipe Replacement	ENG	TWT&D	-	-	50,000	-	-	-	50,000

2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
21005W	Distribution Meters - Bowman and Applegate WTP	ENG	TWT&D	207,469	-	40,000	-	-	-	40,000
21023W	Ginger Dr/Valley View Main Replacement	ENG	TWT&D	14,850	-	1,850,000	-	-	-	1,850,000
	I-80 Crossings Condition Assessment (TW)	ENG	TWT&D	-	-	125,000	-	-	-	125,000
21029W	Rocklin Pipeline Replacement Program	ENG	TWT&D	2,319,032	-	300,000	-	-	-	300,000
	Sunset Blvd Pipeline Replacement - Whitney to 3rd	ENG	TWT&D	-	-	150,000	-	-	-	150,000
22008W	Northstar Pump Station Replacement	ENG	TWT&D	114,513	-	450,000	-	-	-	450,000
	Water Meter Replacement Program	CS	TWT&D	-	-	200,000	-	-	-	200,000
18033W	Treated Water Transmission & Distribution Projects	ENG	TWT&D	2,808,716	-	3,165,000	-	-	-	3,165,000
	<i>Treated Water Transmission & Distribution - Other Projects</i>			<i>232,400</i>						
	Non Agency Project Facility Relocation	ENG	TWT&D-O	-	-	-	-	100,000	-	100,000
22002W	Treated Water Transmission & Distribution - Other Projects	ENG	TWT&D-O	232,400	-	-	-	100,000	-	100,000
	<i>Raw Water Transmission & Distribution Projects</i>			<i>118,939</i>						
	Antelope Siphon	ENG	RWT&D	-	-	80,000	-	-	-	80,000
	I-80 Crossings Condition Assessment (RW)	ENG	RWT&D	-	-	125,000	-	-	-	125,000
	Ophir Pump Station 2 Pump	ENG	RWT&D	-	-	300,000	-	-	-	300,000
20048W	Spring Valley Flume Replacement	ENG	RWT&D	441,745	-	60,000	-	-	-	60,000
	Mammoth Reservoir Low Level Outlet Repair	ENG	RWT&D	-	-	500,000	-	-	-	500,000
	Canyon Creek Bypass Feasibility Study	ENG	RWT&D	-	-	50,000	-	-	-	50,000
	East Side Canal - RCP Sliplining	ENG	RWT&D	-	-	100,000	-	-	-	100,000
18034W	Raw Water Transmission & Distribution Projects	ENG	RWT&D	560,684	-	1,215,000	-	-	-	1,215,000

2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
	<i>Treated Water Storage Projects</i>			-						
21044W	Alta Redwood Tank Replacement	ENG	TW Storage	28,270	-	20,000	-	-	-	20,000
	Applegate Tank Replacement	ENG	TW Storage	-	-	120,000	-	-	-	120,000
18035W	Treated Water Storage Projects	ENG	TW Storage	28,270	-	140,000	-	-	-	140,000
	<i>Raw Water Storage Projects</i>			-						
17011W	Lake Alta Dam Modifications	ENG	RW Storage	1,381,549	-	1,200,000	-	-	-	1,200,000
18036W	Raw Water Storage Projects	ENG	RW Storage	1,381,549	-	1,200,000	-	-	-	1,200,000
	<i>Field Services Projects</i>									
19001W	2023 Field Services RWCIP	FIELD	Various	182,236	-	550,000	-	-	-	550,000
	2023 Field Gunite CIP	FIELD	Various	321,585	-	1,000,000	-	-	-	1,000,000
19003W	2023 Field Services TWCIP	FIELD	Various	41,779	-	600,000	-	-	-	600,000
	Field Services Projects	FIELD	Various	Ongoing	-	2,150,000	-	-	-	2,150,000
	<i>Instrumentation, Control, and SCADA Projects</i>			75,000						
	SCADA - Ophir Road Pump - Programable Logic Controller Replacement	DWO	I,C, & SCADA	-	-	150,000	-	-	-	150,000
	Foothill WTP SCADA PLC Phase 1	DWO	I,C, & SCADA	-	-	300,000	-	-	-	300,000
	SCADA - GE Proficy iFix Upgrade	DWO	I,C, & SCADA	-	-	75,000	-	-	-	75,000
22016W	Instrumentation, Control, and SCADA Projects	ENG	I,C, & SCADA	75,000	-	525,000	-	-	-	525,000

2023 Capital Improvement Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	WCC	Rates	Grants	Reserves	Middle Fork Project	2023 TOTAL
	<i>Other Projects</i>									
22035A	Safety Program	ENG	Miscellaneous	-	-	63,000	-	-	-	63,000
20046W	Enterprise Resource Planning	IT	Other	2,141,111	-	1,692,000	-	-	-	1,692,000
	Water System Renewal and Replacement Planning	ENG	Miscellaneous	-	-	20,000	-	-	-	20,000
22029W	Water System Security Improvements - Phase 2	ENG	Miscellaneous	20,542	-	800,000	-	-	-	800,000
	Other Projects	ENG	Miscellaneous	Ongoing	-	2,575,000	-	-	-	2,575,000
SUBTOTAL WATER DIVISION - RATES PROJECTS					-	12,840,000	-	13,900,000	-	26,740,000
TOTAL WATER DIVISION					2,060,000	12,840,000	-	13,900,000	-	28,800,000
TOTAL CIP BUDGET					\$ 2,060,000	12,840,000	-	27,714,000	28,510,000	71,124,000

Five Year Capital Improvement Plan



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2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
AGENCY WIDE PROJECTS										
09018A	American River Water Rights Extension	ENG	Water Supply	1,003,027	35,000	35,000	35,000	35,000	35,000	175,000
19016A	CVP Service Area Expansion	RM	Water Supply	387,083	-	50,000	50,000	50,000	50,000	200,000
14056W	RiverArc	ENG	Planning	703,662	115,000	115,000	95,000	57,500	57,500	440,000
20046W	Enterprise Resource Planning	IT	Other	2,355,490	700,000	-	-	-	-	700,000
	IT Business Network Core Switch Upgrades	IT	Other	-	-	500,000	-	-	-	500,000
22035A	Safety Program	ENG	Other	-	19,000	9,500	-	-	-	28,500
18005W	Colfax WTP (Regionalization Capacity)	ENG	Treatment	8,294,853	12,000,000	-	-	-	-	12,000,000
22005A	ZEV Infrastructure/Fleet Vehicle Electrification	ENG	Other	234,668	760,000	-	-	-	-	760,000
	Agency Wide Projects				13,629,000	709,500	180,000	142,500	142,500	14,803,500
COUNTY-WIDE MASTER PLAN										
	Financial Assistance Program	CWMP	Other	-	185,000	-	-	-	-	185,000
	County Wide Master Plan				185,000	-	-	-	-	185,000
TOTAL AGENCY WIDE PROJECTS					13,814,000	709,500	180,000	142,500	142,500	14,988,500
POWER DIVISION PROJECTS (MINOR PROJECTS FOR MFP FINANCE AUTHORITY)										
14002P	Existing Project Adjustment Fund	PWR	Planning	-	250,000	250,000	250,000	250,000	250,000	1,250,000
14005P	Project Wide Security Surveillance Improvements	ENG	Planning	109,728	100,000	-	-	-	-	100,000
SUBTOTAL POWER DIVISION PROJECTS [MINOR PROJECTS FOR MFP FINANCE AUTHORITY]					350,000	250,000	250,000	250,000	250,000	1,350,000
POWER DIVISION PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)										
	<i>Major Projects Stand-Alone</i>									

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	MFP Forest Management	SARM	Environmental	-	125,000	300,000	300,000	300,000	300,000	1,325,000
17004P	French Meadows Forest Management	SARM	Environmental	231,651	200,000	200,000	-	-	-	400,000
20046W	Enterprise Resource Planning	IT	Other	2,148,557	500,000	-	-	-	-	500,000
20043P	Ibay Sediment Removal	PWR	Plant	1,079,021	-	-	100,000	150,000	4,000,000	4,250,000
	Abay Sediment Removal	PWR	Plant	-	-	100,000	200,000	5,000,000	150,000	5,450,000
	<i>French Meadows Powerhouse Reliability Upgrades</i>			1,622,758						
19013P	FM Penstock Interior Inspection & Recoating	PWR	Plant	60,241	80,000	75,000	2,500,000	100,000	-	2,755,000
	FMPH Main Transformer Replacement	PWR	Plant	-	-	-	-	100,000	1,000,000	1,100,000
19020P	FMPH Generator and GSU Protection Upgrade	PWR	Plant	78,834	100,000	-	-	-	-	100,000
	FM Penstock External Coating Inspection	PWR	Plant	-	-	-	250,000	-	-	250,000
	FMPH T-Line Protection Replacement	PWR	Plant	-	-	100,000	100,000	-	-	200,000
	FMPH Unit Control Board Upgrade	PWR	Plant	-	-	-	-	75,000	125,000	200,000
	FMPH Plant RTU Replacement	PWR	Plant	-	100,000	-	-	-	-	100,000
	FMPH Station Service Modernization	PWR	Plant	-	-	-	350,000	200,000	-	550,000
	FMPH Thrust Bearing Lift Pump Installation	PWR	Plant	-	-	250,000	-	-	-	250,000
20021P	FMPH Turbine PRV Replacement	PWR	Plant	49,850	600,000	250,000	-	-	-	850,000
14007P	French Meadows Powerhouse Reliability Upgrades	PWR	Plant	1,811,683	880,000	675,000	3,200,000	475,000	1,125,000	6,355,000
	<i>Hell Hole Powerhouse Reliability Upgrades</i>			925,000						
19014P	Hell Hole Outlet Pipe Inspection	PWR	Plant	26,436	-	-	-	100,000	-	100,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	HH Dam Low Level Outlet Tunnel Safety Improvements	PWR	Plant	-	-	-	-	-	200,000	200,000
12016P	Hell Hole Substation Rebuild	PWR	Plant	400,160	-	50,000	-	-	-	50,000
14003P	Hell Hole Powerhouse Reliability Upgrades	PWR	Plant	1,351,596	-	50,000	-	100,000	200,000	350,000
	<i>Middle Fork Powerhouse Reliability Upgrades</i>			-						
	MF Penstock Internal Coating Inspection	PWR	Plant	-	-	250,000	-	-	-	250,000
	MF Penstock External Coating Inspection	PWR	Plant	-	-	-	250,000	-	-	250,000
	MFPH Unit 1 Overhaul & Generator Rewind	PWR	Plant	-	-	-	-	200,000	2,000,000	2,200,000
	MFPH Transmission Line Protection Replacement	PWR	Plant	-	100,000	75,000	-	-	-	175,000
	MFPH Plant RTU Replacement	PWR	Plant	-	150,000	-	-	-	-	150,000
	MFPH Station Service Modernization	PWR	Plant	-	-	-	100,000	700,000	-	800,000
	MF Penstock Drainage	PWR	Plant	-	50,000	50,000	150,000	1,000,000	75,000	1,325,000
13025P	MFPH Switchyard Upgrades	PWR	Plant	4,341,503	1,500,000	500,000	-	-	-	2,000,000
	Interbay Dam Radial Gate Structural Retrofit	PWR	Plant	-	-	-	50,000	100,000	200,000	350,000
21010P	Interbay Dam Radial Gate Hoist Improvement	PWR	Plant	19,191	50,000	500,000	-	-	-	550,000
14009P	Middle Fork Powerhouse Reliability Upgrades	PWR	Plant	4,360,694	1,850,000	1,375,000	550,000	2,000,000	2,275,000	8,050,000
	<i>Oxbow Powerhouse Reliability Upgrades</i>			45,245						
	OXPB Plant RTU Replacement	PWR	Plant	-	-	100,000	100,000	-	-	200,000
	Abay Dam Radial Gate Structural Retrofit	PWR	Plant	-	100,000	25,000	25,000	25,000	200,000	375,000
21009P	Abay Dam Radial Gate Hoist Improvement	PWR	Plant	381,084	150,000	150,000	650,000	-	-	950,000
	OXPB Intake Gate Hoist Replacement	PWR	Plant	-	150,000	1,200,000	-	-	-	1,350,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	OXPB Station Service Modernization	PWR	Plant	-	-	-	-	-	350,000	350,000
14010P	Oxbow Powerhouse Reliability Upgrades	PWR	Plant	426,329	400,000	1,475,000	775,000	25,000	550,000	3,225,000
	<i>Ralston Powerhouse Reliability Upgrades</i>			27,019						
	RAPH XFMR & Transmission Line Protection Replacement	PWR	Plant	-	-	100,000	100,000	-	-	200,000
19015P	RA Penstock Internal Coating Replacement & Repair	PWR	Plant	22,842	100,000	250,000	4,500,000	250,000	250,000	5,350,000
	RA Penstock External Coating Replacement	PWR	Plant	-	-	-	250,000	-	-	250,000
	RAPH Plant RTU Replacement	PWR	Plant	-	50,000	100,000	150,000	-	-	300,000
	RAPH Station Service Modernization	PWR	Plant	-	-	-	600,000	600,000	150,000	1,350,000
19032P	RAPH - Penstock Access Improvements	PWR	Plant	121,286	-	-	1,000,000	100,000	-	1,100,000
21039P	RAPH Main Transformer Replacement	PWR	Plant	334	-	-	100,000	1,000,000	-	1,100,000
14012P	Ralston Powerhouse Reliability Upgrades	PWR	Plant	171,481	150,000	450,000	6,700,000	1,950,000	400,000	9,650,000
SUBTOTAL POWER DIVISION UPGRADE AND RENEWAL, REPLACEMENT & RELIABILITY PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					4,105,000	4,625,000	11,825,000	10,000,000	9,000,000	39,555,000
	<i>FERC License - Project Infrastructure</i>			8,517,186						
09009A	HH Dam Seasonal Storage	PWR	Plant	50,215	125,000	6,925,000	180,000	60,000	-	7,290,000
18043P	HH Dam Outlet Works Upgrade	PWR	Plant	348,946	250,000	50,000	150,000	100,000	50,000	600,000
12018P	Duncan Creek Diversion Dam Upgrade & Recreation Trail	PWR	Plant	19,050,823	150,000	75,000	100,000	-	-	325,000
20005P	North Fork Long Canyon Diversion Upgrade	PWR	Plant	93,540	1,250,000	75,000	120,000	-	-	1,445,000
20006P	South Fork Long Canyon Diversion Upgrade	PWR	Plant	95,116	1,250,000	75,000	120,000	-	-	1,445,000
18042P	Ibay Outlet Works Upgrade and Stream Gage Installation	PWR	Plant	143,944	750,000	-	-	-	-	750,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	MFP Facility Painting - Visual Resource Management Plan	PWR	Plant	-	200,000	-	-	-	-	200,000
21021P	MFP Power Pole Upgrades	PWR	Plant	88,816	150,000	150,000	150,000	150,000	150,000	750,000
15016P	MFP Cooperative Road Management	PWR	Plant	331,000	250,000	250,000	250,000	250,000	250,000	1,250,000
14013P	FERC License - Project Infrastructure	PWR	Plant	28,719,586	4,375,000	7,600,000	1,070,000	560,000	450,000	14,055,000
	<i>FERC License - Project Recreation Facilities</i>			<i>7,307,866</i>						
14018P	Indian Bar River Access	ENG	Environmental	3,762	75,000	-	-	-	-	75,000
20028P	Afterbay Picnic Area	ENG	Environmental	8,004	85,000	395,000	85,000	-	-	565,000
20029P	MF Stream Gage Trail Improvements	ENG	Environmental	1,288	10,000	23,000	9,000	-	-	42,000
20030P	Abay Sediment Removal Access Point	ENG	Environmental	4,754	50,000	220,000	50,000	-	-	320,000
	Ahart CG and Gates Group Campground	ENG	Environmental	-	-	-	130,000	260,000	130,000	520,000
14020P	FM Boat Ramp Extension and Picnic Area	ENG	Environmental	103,347	615,000	1,945,000	210,000	-	-	2,770,000
	FM North Shore Water Supply	ENG	Environmental	-	470,000	2,710,000	410,000	-	-	3,590,000
14019P	FM Campground	ENG	Environmental	62,628	7,940,000	965,000	-	-	-	8,905,000
21043P	FM RV Dump Station	ENG	Environmental	543	50,000	5,000	-	-	-	55,000
15009P	FM South Shore Water Supply	ENG	Environmental	45,919	50,000	-	-	-	-	50,000
	HH and Big Meadows Campgrounds	ENG	Environmental	-	-	70,000	140,000	70,000	1,230,000	1,510,000
21048P	HH Parking Improvements	ENG	Environmental	5,075	375,000	50,000	30,000	-	-	455,000
21049P	HH Support Facilities Water Supply	ENG	Environmental	7,468	1,660,000	190,000	100,000	-	-	1,950,000
14017P	HH Boat Ramp Extension	ENG	Environmental	9,000	240,000	90,000	1,310,000	235,000	-	1,875,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	Coyote Group Campground	ENG	Environmental	-	-	-	-	80,000	160,000	240,000
	HH Upper Campground	ENG	Environmental	-	100,000	305,000	50,000	-	-	455,000
	McGuire Picnic Area Conversion to Group Campground	ENG	Environmental	-	110,000	230,000	120,000	1,965,000	315,000	2,740,000
	Lewis Campground	ENG	Environmental	-	140,000	260,000	120,000	2,480,000	390,000	3,390,000
	HH Vista	ENG	Environmental	-	-	-	-	-	10,000	10,000
	Poppy Campground & Trail	ENG	Environmental	-	-	-	-	-	150,000	150,000
	McGuire Boat Ramp, Consolidate Poppy Creek CG & McGuire Boat Ramp Parking Areas	ENG	Environmental	-	-	-	-	-	200,000	200,000
16012P	Hell Hole Recreation Work Station & Storage Facility for USFS	ENG	Environmental	245,798	7,710,000	870,000	435,000	-	-	9,015,000
14014P	FERC License - Project Recreation Facilities	ENG	Environmental	7,805,452	19,680,000	8,328,000	3,199,000	5,090,000	2,585,000	38,882,000
SUBTOTAL POWER DIVISION FERC LICENSE PROJECTS (MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY)					24,055,000	15,928,000	4,269,000	5,650,000	3,035,000	52,937,000
SUBTOTAL POWER DIVISION PROJECTS [MAJOR PROJECTS - AUTHORIZED FOR MFP FINANCE AUTHORITY]					28,160,000	20,553,000	16,094,000	15,650,000	12,035,000	92,492,000
TOTAL POWER DIVISION PROJECTS					28,510,000	20,803,000	16,344,000	15,900,000	12,285,000	93,842,000
WATER DIVISION PROJECTS										
WATER DIVISION - EXPANSION PROJECTS										
	<i>Treated Water Transmission & Distribution Projects</i>									
	Whitney Ranch Interchange Phase 2	ENG	TWT&D	-	-	3,000,000	-	-	-	3,000,000
	Whitney Ranch Interchange to Industrial Ave	ENG	TWT&D	-	-	-	-	-	830,000	830,000
	Whitney Ranch Industrial Ave Bridge Crossing.	ENG	TWT&D	-	-	1,700,000	-	-	-	1,700,000
	Whitney Ranch Industrial Ave.	ENG	TWT&D	-	-	-	-	-	1,374,000	1,374,000
21017W	Barton Rd. Pipeline - Phase 1 (La Vista Dr. to Brace Rd.)	ENG	TWT&D	96,670	-	2,500,000	-	-	-	2,500,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
21025W	Duncan Hill Treated Water Improvements Project	ENG	TWT&D	3,862,747	2,000,000	-	-	-	-	2,000,000
	Treated Water Transmission & Distribution Projects	ENG	TWT&D	Ongoing	2,000,000	7,200,000	-	-	2,204,000	11,404,000
	<i>Treated Water Storage Projects</i>			-						
	Regional University Tank	ENG	TW Storage	-	-	-	-	6,400,000	-	6,400,000
	Treated Water Storage Projects	ENG	TW Storage	Ongoing	-	-	-	6,400,000	-	6,400,000
	<i>Groundwater Projects</i>			-						
	Placer Ranch Well	ENG	Groundwater	-	-	-	-	4,122,500	-	4,122,500
	Groundwater Projects	ENG	Groundwater	-	-	-	-	4,122,500	-	4,122,500
	<i>Planning Projects</i>									
14056W	RiverArc	ENG	Planning	703,662	-	-	20,000	57,500	57,500	135,000
	Urban Water Management Plan (Water Resources Plan)	ENG	Planning	-	-	-	-	80,000	-	80,000
	Water System Planning	ENG	Planning	-	60,000	-	60,000	-	60,000	180,000
	Planning Projects	ENG	Planning	Ongoing	60,000	-	80,000	137,500	117,500	395,000
SUBTOTAL WATER DIVISION EXPANSION PROJECTS					2,060,000	7,200,000	80,000	10,660,000	2,321,500	22,321,500
WATER DIVISION - RATES PROJECTS										
	<i>Treatment Projects</i>			28,657						
	Alta WTP Carbon Feed Building	ENG	Treatment	-	-	50,000	75,000	-	-	125,000
	Foothill Actiflo Sand Recirculation System Replacement	ENG	Treatment	-	-	120,000	1,000,000	-	-	1,120,000
	Bowman WTP Upgrades - Phase 3- Flocculator Basin Rebuild	ENG	Treatment	-	1,750,000	-	-	-	-	1,750,000
18005W	Colfax WTP	ENG	Treatment	8,294,853	13,200,000	250,000	250,000	-	-	13,700,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	Weimar Water CIP - Code Compliance, Safety, SCADA Improvements	ENG	Treatment	-	600,000	-	-	-	-	600,000
	Monte Vista WTP Building Replacement	ENG	Treatment	-	-	-	150,000	1,000,000	-	1,150,000
	Foothill #1 Washwater Valve Replacements	ENG	Treatment	-	-	-	600,000	-	-	600,000
	Foothill #1 ACTIFLO Mixer & Scraper Replacement	ENG	Treatment	-	120,000	1,200,000	-	-	-	1,320,000
	Foothill/Sunset WTP Replacement Generators	ENG	Treatment	-	-	-	1,800,000	-	-	1,800,000
18032W	Treatment Projects	ENG	Treatment	8,323,510	15,670,000	1,620,000	3,875,000	1,000,000	-	22,165,000
	<i>Treated Water Transmission & Distribution Projects</i>			<i>202,852</i>						
	Applegate Intertie/Meadow Vista	ENG	TWT&D	-	-	100,000	400,000	-	-	500,000
	Bowman Pipeline Replacement - Porter Dr to Haines Rd	ENG	TWT&D	-	-	2,000,000	-	-	-	2,000,000
	Covey Road Pipe Replacement	ENG	TWT&D	-	50,000	800,000	-	-	-	850,000
21005W	Distribution Meters - Bowman and Applegate WTP	ENG	TWT&D	207,842	40,000	-	-	-	-	40,000
	Fulweiler Ave to Garfield St. Main Replacement	ENG	TWT&D	-	-	120,000	1,000,000	-	-	1,120,000
21023W	Ginger Dr./Valley View Main Replacement	ENG	TWT&D	14,936	1,850,000	-	-	-	-	1,850,000
	High Street from Elm to East Placer Pipeline Replacement	ENG	TWT&D	-	-	-	250,000	1,000,000	-	1,250,000
	I-80 Crossings Condition Assessment (TW)	ENG	TWT&D	-	125,000	-	1,000,000	-	-	1,125,000
21029W	Rocklin Pipeline Replacement Program	ENG	TWT&D	2,324,758	300,000	2,800,000	-	2,000,000	2,500,000	7,600,000
	Auburn Pipeline Replacement	ENG	TWT&D	-	-	-	-	150,000	2,500,000	2,650,000
	Sunset Blvd Pipeline Replacement - Whitney to 3rd	ENG	TWT&D	-	150,000	1,500,000	-	-	-	1,650,000
	Old State Highway - Buena Vista to Taylor Road	ENG	TWT&D	-	-	120,000	800,000	-	-	920,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
22008W	Northstar Pump Station Replacement	ENG	TWT&D	-	450,000	-	-	-	-	450,000
	Water Meter Replacement Program	CS	TWT&D	-	200,000	300,000	400,000	500,000	600,000	2,000,000
	High Street - Auburn	ENG	TWT&D	-	-	-	120,000	1,200,000	-	1,320,000
18033W	Treated Water Transmission & Distribution	ENG	TWT&D	2,750,388	3,165,000	7,740,000	3,970,000	4,850,000	5,600,000	25,325,000
	<i>Treated Water Transmission & Distribution - Other Projects</i>			<i>233,600</i>						
	Non Agency Project Facility Relocation	ENG	TWT&D-O	-	100,000	100,000	100,000	100,000	100,000	500,000
22002W	Treated Water Transmission & Distribution - Other Projects	ENG	TWT&D-O	233,600	100,000	100,000	100,000	100,000	100,000	500,000
	<i>Raw Water Transmission & Distribution Projects</i>			<i>418,939</i>						
	Antelope Stub	ENG	RWT&D	-	-	-	50,000	350,000	-	400,000
	Antelope Siphon	ENG	RWT&D	-	80,000	-	-	-	-	80,000
	I-80 Crossings Condition Assessment (RW)	ENG	RWT&D	-	125,000	-	1,000,000	-	-	1,125,000
	Ophir Pump Station 2 Pump	ENG	RWT&D	-	300,000	-	-	-	-	300,000
	Auburn Tunnel Pump Station 1,2, & 3 Pumps R&R	ENG	RWT&D	-	-	300,000	300,000	-	-	600,000
	American River Pump Station Pump R&R	ENG	RWT&D	-	-	-	-	300,000	300,000	600,000
	ARPS Intake #6 Repair	ENG	RWT&D	-	-	-	250,000	500,000	-	750,000
20048W	Spring Valley Flume Replacement	ENG	RWT&D	442,833	60,000	-	-	-	-	60,000
	Mammoth Reservoir Low Level Outlet Repair	ENG	RWT&D	-	500,000	-	-	-	-	500,000
	Canyon Creek Bypass Feasibility Study	ENG	RWT&D	-	50,000	-	-	-	-	50,000
	East Side Canal - RCP Sliplining	ENG	RWT&D	-	100,000	-	-	-	-	100,000
	Kilmer Siphon Replacement	ENG	RWT&D	-	-	100,000	700,000	-	-	800,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	Lower Banvard Pipe (Lozanos Rd.)	ENG	RWT&D	-	-	-	-	800,000	-	800,000
	Middle Fiddler Railroad Flume Repair	ENG	RWT&D	-	-	-	50,000	600,000	-	650,000
	Raw Water Canal Automation	ENG	RWT&D	-	-	-	100,000	-	100,000	200,000
18034W	Raw Water Transmission & Distribution Projects	ENG	RWT&D	861,772	1,215,000	400,000	2,450,000	2,550,000	400,000	7,015,000
	<i>Treated Water Storage Projects</i>			<i>57,334</i>						
21044W	Alta Redwood Tank Replacement	ENG	TW Storage	28,271	20,000	-	1,500,000	-	-	1,520,000
	Applegate Tank Replacement	ENG	TW Storage	-	120,000	800,000	-	-	-	920,000
	Tank Recoating	ENG	TW Storage	-	-	500,000	-	800,000	800,000	2,100,000
18035W	Treated Water Storage Projects	ENG	TW Storage	85,605	140,000	1,300,000	1,500,000	800,000	800,000	4,540,000
	<i>Raw Water Storage Projects</i>			<i>-</i>						
17011W	Lake Alta Dam Modifications	ENG	RW Storage	1,383,879	1,200,000	220,000	-	-	-	1,420,000
18036W	Raw Water Storage Projects	ENG	RW Storage	1,383,879	1,200,000	220,000	-	-	-	1,420,000
	<i>Groundwater Projects</i>			<i>-</i>						
	Well Demolition - Bianchi Estates	ENG	Groundwater	-	-	100,000	-	-	-	100,000
18037W	Groundwater Projects	ENG	Groundwater	-	-	100,000	-	-	-	100,000
	<i>Field Services Projects</i>									
19001W	2022 Field Services RWCIP	FIELD	Various	207,236	550,000	550,000	550,000	550,000	550,000	2,750,000
	2022 Field Gunite CIP	FIELD	Various	321,996	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
19003W	2022 Field Services TWCIP	FIELD	Various	321,779	600,000	500,000	500,000	500,000	500,000	2,600,000
	2023 Field Services Raw Water Efficiency	FIELD	Various	-	-	-	1,000,000	1,000,000	1,000,000	3,000,000
	Field Services Projects	FIELD	Various	Ongoing	2,150,000	2,050,000	3,050,000	3,050,000	3,050,000	13,350,000

2023 Capital Improvement Plan - Five Year Plan

Project No.	Project Description	Project Lead	Project Type	Project-to-Date Available Balance	Adopted 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	TOTAL 2023-2027
	<i>Instrumentation, Control, and SCADA Projects</i>									
	SCADA - Ophir Road Pump Station - Programable Logic Controller Replacement	DWO	I, C, & SCADA	-	150,000	300,000	300,000	-	-	750,000
	Foothill WTP SCADA PLC Phase 1	DWO	I, C, & SCADA	-	300,000	-	-	-	-	300,000
	Foothill WTP SCADA PLC Phase 2	DWO	I, C, & SCADA	-	-	300,000	-	-	-	300,000
	Foothill WTP SCADA PLC Phase 3	DWO	I, C, & SCADA	-	-	-	300,000	-	-	300,000
	WTP & PS PLC Upgrades	DWO	I, C, & SCADA	-	-	-	-	150,000	150,000	300,000
	SCADA - GE Proficy iFix Upgrade	DWO	I, C, & SCADA	-	75,000	-	-	-	-	75,000
	Instrumentation, Control, and SCADA Projects	ENG	Planning	Ongoing	525,000	600,000	600,000	150,000	150,000	2,025,000
	<i>Planning Projects</i>									
	Urban Water Management Plan	ENG	Planning	-	-	-	-	80,000	-	80,000
	Planning Projects	ENG	Planning	Ongoing	-	-	-	80,000	-	80,000
	<i>Other Projects</i>									
22035A	Safety Program	ENG	Miscellaneous	-	63,000	31,500	-	-	-	94,500
20046W	Enterprise Resource Planning	IT	Other	-	1,692,000	408,000	-	-	-	2,100,000
	Water System Renewal and Replacement Planning	ENG	Miscellaneous	-	20,000	20,000	20,000	20,000	20,000	100,000
22029W	Water System Security Improvements - Phase 2	ENG	Miscellaneous	99,971	800,000	-	-	-	-	800,000
	Water System Security Improvements - Future	ENG	Miscellaneous	-	-	100,000	-	100,000	-	200,000
	Other Projects	ENG	Miscellaneous	Ongoing	2,575,000	559,500	20,000	120,000	20,000	3,294,500
SUBTOTAL WATER DIVISION - RATES PROJECTS					26,740,000	14,689,500	15,565,000	12,700,000	10,120,000	79,814,500
TOTAL WATER DIVISION PROJECTS					28,800,000	21,889,500	15,645,000	23,360,000	12,441,500	102,136,000
TOTAL CIP BUDGET					71,124,000	43,402,000	32,169,000	39,402,500	24,869,000	210,966,500

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Capital Improvement Plan - 2023 Project Descriptions



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Placer County Water Agency 2023

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. The necessary environmental documents are being prepared and will be circulated for public review in 2023.

RiverArc

This project is a large regional project helping provide sustainability and reliability to the water distribution system. It routes water from the Sacramento River to offset the demand from the American River, as well as allows agencies to take advantage of groundwater banking, and unused water rights. The 2023 budget for this project includes costs associated with identifying and pursuing state and federal funding opportunities, coordination with partner agencies, developing project governance options, and preparing project environment documents. The budget for this project reflects the cost of coordination with agencies and planning this project, including CEQA.

Enterprise Resource Planning

The Agency's current financial system is nearly 22 years old and is reaching the end of its application lifecycle. This project will replace the Agency's existing enterprise systems; CentralSquare, the Agency's financial, payroll and utility billing system and Maintenance Connection the preventative work/asset management system, with a new Enterprise Resource Planning (ERP) system.

Safety Program

This project includes the planning and implementation of an Agency-wide safety program. Separate department safety programs and documentation will be assessed and consolidated under a new Agency-wide program designed for efficiency, best practices, and regulatory compliance. Deliverables will include program plans, hazard and risk analysis, and written safety programs. In 2023 the focus will be on finalizing the written safety programs and safety program implementation across the Agency.

Colfax WTP (Regionalization Capacity)

The Colfax to Applegate Regionalization Study that was completed identified a roadmap to consolidate several small systems in the Upper Zone 6 region. Doing so requires that the existing Colfax Water Treatment Plant Replacement project expand the capacity of the plant. This project reflects the proportionate amount of the additional expansion to accommodate future consolidations and provide the opportunity to serve the unserved and/or underserved in the region.

ZEV Infrastructure

This project will analyze and eventually design solar power generation and battery electric storage infrastructure at the Business Center and Auburn Water Treatment Plant including 165 Ferguson Road which houses the Information Technology (IT) and Energy Marketing departments to offset energy use of these facilities and for the potential future electrification of Agency vehicles. The 2023 budget includes the completion of the design of battery electric vehicle charging stations and estimated construction costs for the associated infrastructure.

COUNTY-WIDE MASTER PLAN PROJECTS

Financial Assistance Program

Financial Assistance Program (FAP) 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:

Existing Project Adjustment Fund

These unallocated funds will be utilized to facilitate an increase to an individual project's annual expenditure level for unforeseen issues during a capital project. Transfers from this account to individual projects is based on the need for an increase and accomplished pursuant to section 3.2.5 in the Middle Fork Authority's General Financial Policies.

MFP Security Improvements

This project will update the Middle Fork Project security to a standard platform shared across the Agency.

Major Projects:

Middle Fork Project Forest Management

Middle Fork Project Forest Management 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 approx. 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.

Enterprise Resource Planning

The Agency's current financial system is nearly 22 years old and is reaching the end of its application lifecycle. This project will replace the Agency's existing enterprise systems; CentralSquare, the Agency's financial, payroll and utility billing system and Maintenance Connection the preventative work/asset management system, with a new Enterprise Resource Planning (ERP) system.

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 2024.

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 Plant RTU Replacement – This project replaces the legacy GE D20 Remote Telemetry Unit (RTU) with a modern RTU. The new RTU will offer better capabilities like more processing memory that gives higher refresh rate and additional protocols.

French Meadows 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. Currently when the turbine-generator, main transformer, or 60 kV circuit breaker is out of service, there is no way to pass water from French Meadows Reservoir to Hell Hole Reservoir. 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.

Middle Fork Powerhouse Reliability Upgrades

Middle Fork Powerhouse Transmission Line Protection Replacement – This project replaces the legacy GE electromechanical protection relays with modern microprocessor-based protection relays.

Middle Fork Powerhouse Plant RTU Replacement – This project replaces the legacy GE D20 Remote Telemetry Unit (RTU) with a modern RTU. The new RTU will offer better capabilities like more processing memory that gives higher refresh rate, more variables, and additional protocols.

Middle Fork Penstock Drainage – This project includes drainage feature improvements along the length of the penstock. Features for repair include drainage swale reconstruction, subsurface drain piping improvements, gunite slope protection

crack sealing and select replacement. These features are critical to the stability of penstock saddle foundations and ensuring proper stormwater runoff. Additionally, this project proposes to install penstock foundation monitoring equipment to record and assess long-term slope movement resulting from saturation induced creep.

Middle Fork Powerhouse Switchyard Upgrades – This project replaces the legacy air blast 13.8kV circuit breakers from both generators at the powerhouse with modern sulfur hexafluoride (SF6) units and replaces the legacy main step-up transformers which have reached the end of their operational life with new units.

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

Oxbow Powerhouse Reliability Upgrades

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.

Oxbow Powerhouse Intake Gate Hoist Replacement – This project will assess the operational life and safety of the existing gate hoists, including chains, motors, gear assemblies, etc. at the Oxbow Powerhouse intake gate.

Ralston Powerhouse Reliability Upgrades

Ralston Penstock Internal Coating Replacement and Repair – This project will inspect and remove the existing coal tar penstock lining, prepare surface for recoating, and install a new penstock lining. Construction is expected to occur over 3 construction seasons, currently anticipated for 2026-2028.

Ralston Powerhouse Plant RTU Replacement – This project replaces the legacy GE D20 Remote Telemetry Unit (RTU) with a modern, upgraded RTU. The new RTU will offer better capabilities like more processing memory that gives higher refresh rate and additional protocols.

FERC License Implementation - Project Infrastructure

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

Hell Hole Dam Seasonal Storage – This project would 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 Dam Outlet Works Upgrade – This project will consist of a feasibility study that will include a test plan to determine a maximum safe pulse flow rate between 200 and 600 cfs that can be passed through the outlet. Once that flow rate is determined, any needed improvements will be designed, and the outlet works modified to safely pass the pulse flow.

Duncan Creek Diversion Dam Upgrade & 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.

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.

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.

Ibay Outlet Works Upgrade and Stream Gage Installation – In efforts to efficiently manage new downstream flow requirements as required under the new FERC license, PCWA is replacing the existing stream maintenance valve and associated piping. New equipment will be sized to pass required flows up to, but not including “extreme wet” conditions. The outlet structure will also be encased and protected from rock falls and debris slides.

Middle Fork Project Facility Painting - Visual Resource Management Plan – MFP structures and assets are due for new exterior paints/coatings. Painting, while aesthetic in nature, is very important to defend against exposure to environmental elements that are damaging over time. PCWA will work with the US Forest Service and follow the Visual Resource Management Plan when selecting appropriate coatings.

Middle Fork Project Power Pole Upgrades – This project provides for annual inspections, and a maintenance, repair, replacement program for overhead utility poles. Included in this scope are avian safety upgrades.

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.

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:

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.

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.

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

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.).

French Meadows RV Dump Station and Campground – 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.

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.

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.

Hell Hole Boat Ramp Extension – This project will extend the boat ramp 250 feet with one turn-around area.

Hell Hole Upper Campground – This project will remove the underutilized facility. Scope for this project includes removing all tables, fire rings, and stoves from campsites 1-13. Additionally, this project will remove pit toilets and restore paths, barren and/or compacted areas through means agreed to by the US Forest Service in order to return the site to natural conditions.

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.

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.

WATER DIVISION PROJECTS

Water Connection Charge Expansion Projects:

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.

Duncan Hill Treated Water Pipeline – This project will construct a treated water pipeline to connect the Auburn/Bowman system in the area of Millertown Road to the upper Foothill System in the vicinity of Ophir Road through the Duncan Hill neighborhood, eliminating two dead end pipelines. The project would include installing a 12-inch diameter pipeline approximately 1.5 miles in length. This pipeline would also provide access of treated water to approximately forty constructed conveyance customers that currently utilize private groundwater wells with intermittent flow and/or canal water from the Fiddler Green Canal. The 2023 budget includes the cost to complete design and construct the project.

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 Connection Charge Planning – Anticipated work includes analyzing Capital Improvement Program (CIP) Costs for planned improvements for lower Zone 6 and

analyze expenditures and debt issuance to further evaluate the Agency's Water Connection Charges (WCC's) across wholesale and retail customers. Retail demands will further be analyzed to evaluate the assessment of Units of Capacity for various lot size categories identified in the Rules and Regulations.

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.

Bowman WTP Upgrades Phase 3 - Flocculation Basin – This project will replace the existing horizontal flocculators in the basin with vertical flocculators. The project will also include construction of a new automatic intake screen off of the Bowman Canal to replace the current screen.

Colfax WTP – The existing WTP is approaching the end of its operational life and Agency staff are targeting having a new plant constructed within the next 3 years. This new 2 MGD plant will include additional capacity to accommodate future consolidation of smaller water purveyors in the region. The proportionate expansion costs for this effort are reflected under the Colfax WTP (Regionalization Capacity) project. Construction expected to begin in 2023.

Weimar Water – Code Compliance, Safety and SCADA Improvements – Pending purchase of the Weimar water system, this would include necessary improvements to update various facilities up to current code and safety regulations mandated for the Agency. SCADA improvements include upgrading the existing water treatment plant to allow Agency staff to remotely monitor the water treatment plant.

Foothill #1 Flocculator and Sludge Removal System Replacement – This project will replace the Actiflo flocculation and sludge removal systems in the Foothill WTP.

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.

Covey Road Pipe Replacement – Replace 620-feet of 12-inch Techite Main, from the AC main transitions to the end of the water main due to pipe material type, reliability, and potentially rightsizing master meters. Includes transitioning of 11 services and 3 master meters feeding numerous residences.

Distribution Meters – Bowman and Applegate WTP – This project will install new flow meters to measure flow from the WTPs at Bowman and Applegate into their

respective distribution systems. The meters will permit better water use data and water audit capabilities for improved operation of their respective systems.

Ginger Dr./Valley View Main Replacement – This project will abandon approximately 2,700 LF of 4-inch and 6-inch backyard mains within a neighborhood in the City of Auburn. These mains are to be replaced with approximately 750 LF of new 8-inch main in Valley View Dr and approximately 1,000 LF of new 8-inch main in Ginger Dr & Herrington St. Approximately 41 new connections will be connected to the new pipelines in Valley View & Ginger Dr. Approximately 9 new connections will be connected to the existing pipeline in Sacramento St.

I-80 Crossings Condition Assessment (TW) – This project will assess and evaluate approximately six to ten treated water crossings of Interstate 80 to assess future repair or replacement needs.

Rocklin Pipeline Replacement Program – This project will identify and begin design to replace another portion of the water distribution system within the areas of Midas Ave., South Whitney Blvd., and Argonaut Ave. in Rocklin.

Sunset Blvd. Pipeline Replacement – This project will replace approximately 2,800 LF of 12-inch distribution main on Sunset Blvd, from Whitney Blvd to the Union Pacific Railroad tracks.

Northstar Pump Station Replacement – This project will replace the pump station located at Northstar and Ascension Streets in Rocklin and includes new pumps, pressure tank, and electrical upgrades in a below grade vault.

Water Meter Replacement Program – This project will continue to install Advanced Metering Infrastructure (AMI) capable equipment to replace existing meters.

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 in a non-Agency project work site.

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.

Antelope Siphon – 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.

I-80 Crossings Condition Assessment (RW) – This project will assess and evaluate approximately six to ten raw water crossings of Interstate 80 to assess future repair or replacement needs.

Ophir Pump Station 2 Pump – This project will diagnose and/or complete repairs on a pump located within the Ophir Road Pump Station.

Spring Valley Flume Replacement – The Spring Valley Flume is a segment of PCWA's Boardman Canal in Colfax off of Ben Taylor Road that traverses a drainage ravine. The project will replace the existing 37-foot wooden flume with a steel and reinforced concrete flume.

Mammoth Reservoir Low Level Outlet Repair – This project will repair the reservoir's low level outlet pipe which was determined to be corroded and at the end of its operational life during a 2021 Division of Safety of Dams annual inspection.

Canyon Creek Bypass Feasibility Study – This project would determine the feasibility of bypassing flow from PG&E's Drum system around Canyon Creek. This section of the Creek is a high-risk area on I-80 for accidents that can and have resulted in automotive fluids being discharged into the creek. These flows eventually are carried onto the Alta Forebay where the intake to the Alta WTP is located.

East Side Canal – The East Side Canal is an approximately 3.5 mile stretch of open and closed channel canal, near the Town of Loomis, that delivers raw water to 25 residential customers with low peak demands. The canal crosses I-80 three times and runs through the backyards of multiple residents, making operation and maintenance activities difficult. Sections of the closed channel canal are beyond their useful life and will need replacement soon. Additionally, upcoming residential developments in Loomis are proposing to reroute the canal outside of their project footprints. Budget for this project includes development, evaluation, and coordination of alternatives (including cost estimates) for repair, replacement, and/or potentially abandonment of portion of the East Side Canal.

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 replace the existing redwood water storage tank at Alta WTP with a new steel tank.

Applegate Tank Replacement – This project will replace the existing 100,000-gallon steel bolted tank that is at the end of its useful life.

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 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:

Liz Taylor Flume to Pipe - Replacing a 408' timber flume with pipe on UPRR land.

Baughman Flume to Pipe - Replacing a 200' timber flume with pipe.

Gunite – Various locations throughout the system.

Treated Water Maintenance Projects:

Electric St. Auburn - Replace 705- feet of 6- inch steel main with 8- inch DIP, from 235 Electric St. to 290 Electric St.

Hillmont Ave. Auburn - Replace 380- feet of 2- inch cast iron main with 420- feet of 8- inch DIP, extend main and loop in the system from 198 Hillmont Ave. to 104 Hillmont Ave. Upsizing and looping in the main will help with water quality issue by eliminating dead end, allowing better flow, and will assist in keeping customers in water during outages.

Towle Rd. Alta - Replace 430- feet of 6-inch steel main with 430- feet of 8- inch DIP from the Old Dogwood PRS to 34248 E. Towle Rd.

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.

SCADA - Ophir Road Pump - Programable Logic Controller Replacement – This project will replace the existing Pico Programable Logic Controllers (PLCs) on the Auburn Tunnel Pumps and the Foothill Raw Water Pumps located at the Ophir Road Pump Station. The Pico PLCs have reached the end of their operational life, are obsolete, and are no longer supported by the manufacturer.

Foothill WTP SCADA PLC Phase 1 – This project will replace three critical PLCs that are end of life at the foothill WTP. This will be a pilot project to establish best practices to replace additional end-of-life PLCs throughout the water system in the future.

SCADA – GE Proficy iFix Upgrade – Project will replace GE iFix with Ignition.

Other Projects

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

Safety Program – This project includes the planning and implementation of an Agency-wide safety program. Separate department safety programs and documentation will be assessed and consolidated under a new Agency-wide program designed for efficiency, best practices, and regulatory compliance. Deliverables will include program plans, hazard and risk analysis, and written safety programs. 2023 plans for this project will focus on finalizing the written safety programs and safety program implementation across the Agency.

Enterprise Resource Planning – The Agency’s current financial system is nearly 22 years old and is reaching the end of its application lifecycle. This project will replace the Agency’s existing enterprise systems; CentralSquare, the Agency’s financial, payroll and utility billing system and Maintenance Connection the preventative work/asset management system, with a new Enterprise Resource Planning (ERP) system.

Water System Renewal and Replacement Planning – This project will support planning in identifying long-term renewal and replacement projects for future budgeting purposes as well as immediate field support.

Water System Security Improvements – Phase 2 – This project will continue the standardization, upgrade, and expansion, of the physical and electronic security systems at eight agency sites – Bowman WTP, Chantry Hill Tank, Electric Street Tank, Foothill WTP, Ophir Road Pump Station, Sunset WTP, Tinker Tank, and Whitney Reservoir.

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

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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 1 million 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 8 water treatment plants, 24 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 3, 2022

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	3			3
• Legal Office	0.67	0.67	0.66	2
• Strategic Affairs Resource Management	2.5			2.5
Administrative Services	8			8
Energy Marketing		4		4
Finance	12.5	1		13.5
Customer Services	2		28	30
Field			61	61
Information Technologies	12	2	3	17
Technical Services				
• Drinking Water Operations			32	32
• Engineering	1	2	23	26
Power System*		35		35
REGULAR POSITIONS TOTAL	41.7	44.7	147.6	234

*3 FTE's are authorized but not budgeted

Prepared by:



Placer County Water Agency

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