

Modesto Irrigation

District

202**3** Detailed Budget

Revenue Summary

2023 Revenue Budget Division Summary

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	From Previous Budget
3XX002 PRJ - Electric Wholesale Rev	18,798,341	61,148,530	61,404,538	58,943,230	0.4%
3XX004 PRJ - EI Transmission Rev Retail	767,307	0	0	0	N/A
3XX901 PRJ - Electric Operating Revenue	353,422,580	336,816,234	384,922,541	398,442,384	14.3%
3XX902 PRJ - Environmental Energy Adjustment	20,290,049	18,284,902	17,545,138	18,240,173	-4.0%
3XX904 PRJ - Capital Infrastructure Adjustment	7,386,316	7,057,672	7,440,569	7,735,289	5.4%
Electric Revenue	400,664,594	423,307,338	471,312,786	483,361,076	11.3%
3XX910 PRJ - Raw Water Operating Revenue	3,639,046	4,056,870	4,002,950	4,403,246	-1.3%
3XX911 PRJ - FERC Instream Flow Revenue	1,608,548	1,784,921	1,838,469	1,838,469	3.0%
3XX912 PRJ - Domestic Water Revenue	20,714,783	19,250,468	18,629,388	18,498,672	-3.2%
3XX913 PRJ - Storm Water Revenue	0	1,709,549	1,751,742	1,646,367	2.5%
Water Revenue	25,962,377	26,801,808	26,222,548	26,386,754	-2.2%
3XX920 PRJ - Customer Services Fees Rev	1,126,808	1,400,000	1,400,000	1,400,000	0.0%
3XX921 PRJ - Don Pedro Rec Agency Revenue	594,123	464,302	464,302	464,302	0.0%
3XX922 PRJ - DW Admin Fees Revenue	2,962,656	3,493,133	3,579,718	3,795,107	2.5%
3XX923 PRJ - Facilities Charge	910,315	680,000	690,000	690,000	1.5%
3XX924 PRJ - Fiber Optic Revenue	172,800	172,800	172,800	172,800	0.0%
3XX926 PRJ - Gain or Loss on Sale of Assets	0	50,000	50,000	50,000	0.0%
3XX927 PRJ - Interest Income	4,215,066	5,800,000	5,050,000	5,050,000	-12.9%
3XX928 PRJ - Late Penalties	43,285	1,000,000	2,500,000	2,775,000	150.0%
3XX929 PRJ - Misc. Cost Recovery	73,993	22,000	22,500	22,500	2.3%
3XX930 PRJ - Misc. Operating Income	7,661,052	630,000	640,000	640,000	1.6%
3XX931 PRJ - Other Entities Admin Fees Revenue	548,370	850,000	850,000	850,000	0.0%
3XX932 PRJ - Rental of District Property	523,760	1,000,000	1,000,000	1,000,000	0.0%
3XX933 PRJ - Retirement Fund Revenue	630,752	840,000	845,000	845,000	0.6%
3XX934 PRJ - Revenue-Aid to Construction	2,071,521	1,650,000	1,700,000	1,700,000	3.0%
3XX935 PRJ - Warehouse Sales	109,090	150,000	150,000	150,000	0.0%
3XX936 PRJ - WBO Income	2,704,712	1,375,000	1,375,000	1,375,000	0.0%
Rev - Other Revenues	24,348,303	19,577,235	20,489,320	20,979,709	4.7%
Alternate Revenue	<u>\$450,975,274</u>	<u>\$469,686,381</u>	<u>\$518,024,655</u>	<u>\$530,727,539</u>	10.3%

O&M Summary

2023 O&M Budget Division Summary District OM

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	From Previous Budget
3XX500 PRJ - Board of Directors	149,087	361,100	249,920	280,720	-30.8%
3XX501 PRJ - Board Secretary Office	329,134	466,292	461,494	464,577	-1.0%
3XX510 PRJ - Legal Counsel	1,769,376	1,745,000	1,745,000	1,745,000	0.0%
3XX511 PRJ - Legal Claims	213,562	1,050,000	1,050,000	1,050,000	0.0%
3XX512 PRJ - MID Water Rights	0	250,000	250,000	250,000	0.0%
OM - 10 OM - BOARD OF DIRECTORS DIVISION	2,461,158	3,872,392	3,756,414	3,790,297	-3.0%
3XX520 PRJ - General Manager	857,752	817,830	756,044	760,771	-7.6%
3XX521 PRJ - Regulatory Administration	767,087	1,092,787	1,097,314	1,110,938	0.4%
3XX522 PRJ - District Seminar & Meetings	0	236,000	236,000	236,000	0.0%
3XX531 PRJ - Public Affairs	820,381	924,449	919,211	922,299	-0.6%
3XX532 PRJ - Public Inform-Canal Safety	192,173	225,000	225,000	225,000	0.0%
3XX533 PRJ - Public Inform-Elect Safety	152,125	195,700	200,750	205,800	2.6%
3XX534 PRJ - Community Service	30,213	55,000	55,000	55,000	0.0%
OM - 20 OM - GENERAL MANAGER DIVISION	2,819,731	3,546,766	3,489,319	3,515,808	-1.6%
3XX550 PRJ - Human Resources	742,521	898,910	892,423	900,587	-0.7%
3XX552 PRJ - Training	5,094	498,908	498,292	504,534	-0.1%
3XX560 PRJ - Recruitments	436,050	633,553	633,201	640,881	-0.1%
3XX561 PRJ - Employee Programs	56,606	158,545	163,210	167,795	2.9%
3XX553 PRJ - Retirement Administration	467,078	472,978	481,158	491,832	1.7%
OM - 24 OM - HUMAN RESOURCES DIVISION	1,707,349	2,662,894	2,668,284	2,705,629	0.2%
3XX650 PRJ - IT Administration	6,781,392	7,335,276	7,624,964	7,834,561	3.9%
3XX655 PRJ - IT Systems Support	1,561,701	1,719,721	1,698,749	1,709,726	-1.2%
3XX660 PRJ - IT Applications Business Support	1,582,937	1,601,793	1,415,291	1,424,435	-11.6%
3XX661 PRJ - IT Applications Operations Support	1,033,280	1,314,039	1,083,216	1,090,215	-17.6%
3XX665 PRJ - Technical Operations	963,552	1,628,598	1,609,148	1,415,438	-1.2%
3XX656 PRJ - Network/Desktop Support	738,153	649,869	847,354	852,830	30.4%
3XX667 PRJ - IT Security	836,783	936,685	925,281	931,260	-1.2%

2023 O&M Budget Division Summary District OM

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	From Previous Budget
OM - 40 OM - INFORMATION TECHNOLOGY DIVISION	13,497,798	15,185,981	15,204,004	15,258,464	0.1%
3XX700 PRJ - Finance Admin	726,608	263,341	268,398	268,654	1.9%
3XX710 PRJ - Treasurer	447,487	432,824	433,211	437,842	0.1%
3XX711 PRJ - Financing Related Expense	87,590	145,000	145,000	150,000	0.0%
3XX715 PRJ - Retirement Investment Expense	557,747	900,000	650,000	700,000	-27.8%
3XX702 PRJ - Pricing/Risk Management	580,013	711,129	796,065	801,482	11.9%
3XX755 PRJ - Safety Admin	87,955	139,206	139,108	140,758	-0.1%
3XX756 PRJ - Safety	467,086	686,250	682,615	688,588	-0.5%
3XX720 PRJ - Controller	511,986	643,002	649,367	661,670	1.0%
3XX725 PRJ - Accounting	1,138,988	1,160,916	1,146,997	1,154,169	-1.2%
3XX730 PRJ - Customer Services Admin	520,485	749,102	741,209	746,067	-1.1%
3XX735 PRJ - Billing	1,687,228	2,372,976	2,357,147	2,365,184	-0.7%
3XX740 PRJ - Call Center	1,580,904	2,208,805	2,177,496	2,191,183	-1.4%
3XX750 PRJ - Cash Accounting	2,119,302	2,391,804	2,374,969	2,383,638	-0.7%
3XX775 PRJ - Risk & Property	929,160	1,107,899	1,107,286	1,121,332	-0.1%
3XX777 PRJ - Environmental	462,639	568,872	569,150	573,846	0.0%
3XX780 PRJ - Building Services	1,671,863	2,304,919	2,540,538	2,400,721	10.2%
3XX785 PRJ - Purchasing	732,904	941,882	931,645	938,773	-1.1%
3XX786 PRJ - Materials Handling	860,165	903,090	899,042	909,493	-0.4%
3XX998 PRJ - Equipment Clearing	-1,397,657	-3,324,320	-3,361,762	-3,431,235	1.1%
3XX790 PRJ - Fleet Maintenance	764,055	821,307	814,506	825,007	-0.8%
3XX791 PRJ - Vehicles & Equipment	1,609,970	2,503,013	2,547,257	2,606,228	1.8%
3XX760 PRJ - Energy Services	1,726,463	2,172,484	2,152,204	2,162,800	-0.9%
3XX763 PRJ - Energy Management	2,348,232	3,824,330	3,541,311	3,545,610	-7.4%
3XX764 PRJ - Solar Photovoltaic PBI	379,289	150,000	150,000	150,000	0.0%
OM - 50 OM - FINANCE DIVISION	20,600,462	24,777,830	24,452,759	24,491,811	-1.3%
3XX954 PRJ - Claims/Other Write Offs	543,232	631,100	641,100	651,100	1.6%
3XX958 PRJ - Don Pedro Rec Agency Expense	724,932	705,247	726,405	748,197	3.0%

2023 O&M Budget Division Summary District OM

	2021	2022	2023 Adopted	2024 Proposed	% Change From Previous
	Actual	Budget	Budget	Budget	Budget
3XX959 PRJ - Electric Retail Write Offs	10,214,625	2,300,000	2,300,000	2,300,000	0.0%
3XX960 PRJ - Insurance	2,185,475	2,642,296	3,144,981	3,657,680	19.0%
3XX966 PRJ - Permission and Municipal Fees	579,913	600,000	600,000	600,000	0.0%
3XX967 PRJ - Retiree Medical Expense	13,486,674	10,306,552	10,330,698	10,566,362	0.2%
3XX968 PRJ - Warehouse Sales Cost	33,246	5,000	5,000	5,000	0.0%
3XX969 PRJ - WBO Costs	2,142,675	1,375,000	1,375,000	1,375,000	0.0%
OM - 58 OM - OTHER EXPENSES DIVISION	29,910,773	18,565,195	19,123,184	19,903,339	3.0%
3XX100 PRJ - Electric Resources Admin	1,978,598	500,706	777,286	793,512	55.2%
3XX110 PRJ - Electric Resources/Planning	2,315,422	3,703,669	3,748,204	3,739,018	1.2%
3XX130 PRJ - Operations Admin	1,382,343	1,507,601	1,582,230	1,589,868	5.0%
3XX140 PRJ - Power Scheduling	3,389,265	3,938,246	3,899,238	3,919,575	-1.0%
3XX135 PRJ - Control Center Dispatching	3,557,908	4,193,197	4,192,254	4,218,612	0.0%
OM - 60 OM - ELECTRIC RESOURCES DIVISION	12,623,535	13,843,418	14,199,211	14,260,585	2.6%
3XX200 PRJ - Transmission & Dist Admin	634,753	147,623	37,153	-33,289	-74.8%
3XX210 PRJ - General Engineering	809,605	1,081,148	1,071,814	1,078,688	-0.9%
3XX211 PRJ - Trans/Dist Planning	638,294	338,288	385,589	388,072	14.0%
3XX212 PRJ - Trans/Dist Engineering	611,710	637,903	723,378	727,848	13.4%
3XX213 PRJ - Substation Engineering	498,650	663,518	485,895	488,987	-26.8%
3XX214 PRJ - Mapping/Records	732,923	906,141	884,165	889,833	-2.4%
3XX220 PRJ - Trouble General Maintenance	2,362,273	2,437,681	2,703,216	2,745,039	10.9%
3XX221 PRJ - Turn-on/Turn-off	4,857	20,456	23,085	23,132	12.9%
3XX222 PRJ - Street Lighting	64,741	99,940	105,620	105,981	5.7%
3XX223 PRJ - Vegetation Management	3,549,986	3,949,700	4,540,406	4,680,629	15.0%
3XX224 PRJ - Trouble Administration	440,937	484,769	531,042	534,253	9.5%
3XX225 PRJ - Inspections	434,221	555,806	623,569	627,810	12.2%
3XX280 PRJ - Line Construction Admin	1,575,865	1,586,791	1,709,501	1,719,412	7.7%
3XX281 PRJ - LC Overhead Transmission	68,098	250,305	278,127	285,225	11.1%
3XX282 PRJ - LC Overhead Distrib Maint	1,703,767	1,360,744	1,541,211	1,548,417	13.3%

2023 O&M Budget Division Summary District OM

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	From Previous Budget
3XX283 PRJ - Line Construction General	870,934	1,316,629	1,452,804	1,460,410	10.3%
3XX284 PRJ - LC Underground Distribution	1,691,456	1,602,692	1,848,576	1,858,553	15.3%
3XX285 PRJ - Insulating Equipment	23,237	33,600	33,000	33,000	-1.8%
3XX250 PRJ - Substation	1,029,149	963,860	1,007,578	1,011,651	4.5%
3XX251 PRJ - Transmission Substation	1,092,347	2,908,080	2,498,971	2,549,663	-14.1%
3XX252 PRJ - Distribution Substation	3,596,452	3,614,110	4,112,278	4,169,973	13.8%
3XX253 PRJ - Maintenance of Relays	667,079	1,034,931	777,452	781,085	-24.9%
3XX254 PRJ - Westley Station	101,414	230,933	245,616	246,657	6.4%
3XX255 PRJ - Westley Station CIP	5,791	17,024	28,192	28,325	65.6%
3XX260 PRJ - Meter Transformer	462,861	563,122	552,948	556,442	-1.8%
3XX261 PRJ - Meter Maintenance	1,894,101	2,332,467	2,253,327	1,944,462	-3.4%
3XX262 PRJ - Transformer Maintenance	282,208	285,150	282,037	283,597	-1.1%
3XX264 PRJ - LM Receiver Maintenance	1,234	31,902	31,501	31,695	-1.3%
OM - 70 OM - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION	25,848,944	29,455,312	30,768,051	30,765,551	4.5%
3XX400 PRJ - Water Operations Admin	430,265	307,720	305,675	308,829	-0.7%
3XX401 PRJ - Water Rights	567,091	650,000	669,500	689,585	3.0%
3XX403 PRJ - Irrigation System Improvements	66,991	500,000	240,000	130,450	-52.0%
3XX420 PRJ - LaGrange Water System	274,841	153,500	158,105	162,848	3.0%
3XX410 PRJ - Civil Engineering	903,812	1,129,495	1,116,487	1,124,120	-1.2%
3XX411 PRJ - Surveying	412,292	599,231	592,482	596,634	-1.1%
3XX412 PRJ - Conservation Improvements	104,367	212,370	216,531	221,809	2.0%
3XX413 PRJ - Water Measurement	26,631	42,028	41,536	41,800	-1.2%
3XX421 PRJ - Water Data & Analysis	146,780	135,456	135,205	136,875	-0.2%
3XX422 PRJ - Ground Water Management	17,884	208,614	210,459	214,342	0.9%
3XX423 PRJ - Don Pedro Watershed	350,553	518,460	525,080	535,910	1.3%
3XX430 PRJ - Irrigation Admin	532,520	547,643	542,053	537,371	-1.0%
3XX440 PRJ - Irrigation Services	2,009,038	2,160,552	2,134,600	2,143,072	-1.2%

2023 O&M Budget Division Summary District OM

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	From Previous Budget
3XX441 PRJ - La Grange	120,213	101,369	139,329	141,505	37.4%
3XX442 PRJ - Upper Main Canal	187,356	257,263	239,174	257,673	-7.0%
3XX443 PRJ - Modesto Reservoir	213,065	219,345	220,164	222,065	0.4%
3XX444 PRJ - Pumps	1,449,065	930,770	1,541,103	1,580,494	65.6%
3XX450 PRJ - Laterals and Ditches	2,717,501	3,147,480	3,149,326	3,186,975	0.1%
3XX451 PRJ - Gunite	1,110,096	1,145,108	1,247,366	1,271,997	8.9%
3XX452 PRJ - Irrigation Pipelines	344,805	246,629	334,897	335,694	35.8%
3XX453 PRJ - Structures	52,677	93,136	69,079	68,369	-25.8%
3XX454 PRJ - Weed & Moss Control	1,142,999	1,279,798	1,353,413	1,364,983	5.8%
3XX455 PRJ - Landscaping	250,304	290,303	273,239	276,418	-5.9%
OM - 80 OM - WATER OPERATIONS DIVISION	13,431,146	14,876,267	15,454,804	15,549,817	3.9%
3XX470 PRJ - Domestic Water Admin	897,112	910,000	1,047,333	1,241,057	15.1%
3XX471 PRJ - Domestic Water A&G	2,966,656	3,503,133	3,590,018	3,694,374	2.5%
3XX472 PRJ - Domestic Water Operations	3,954,015	4,386,063	4,308,574	4,393,772	-1.8%
3XX473 PRJ - Domestic Water Laboratory	538,632	731,728	785,924	796,073	7.4%
3XX474 PRJ - Domestic Water Maintenance	2,057,871	2,921,457	2,604,410	2,654,917	-10.9%
OM - 81 OM - DOMESTIC WATER DIVISION	10,414,285	12,452,380	12,336,259	12,780,193	-0.9%
District OM	<u>\$133,315,182</u>	<u>\$139,238,436</u>	<u>\$141,452,289</u>	<u>\$143,021,495</u>	1.6%

Power Supply Summary

2023 O&M Budget Division Summary Power Supply

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX150 PRJ - Purchase Power	212,307,329	216,429,857	267,084,154	260,805,825	23.4%
PS - Purchase Power	212,307,329	216,429,857	267,084,154	260,805,825	23.4%
3XX151 PRJ - Purchase Power-Hedging	-1,754,554	0	0	0	N/A
PS - Hedging	-1,754,554	0	0	0	N/A
3XX160 PRJ - Generation Admin	788,310	860,265	850,592	855,623	-1.1%
3XX165 PRJ - Don Pedro Generation O&M	1,529,523	1,150,000	1,151,800	1,251,800	0.2%
3XX170 PRJ - New Hogan O&M	74,892	85,004	101,676	81,486	19.6%
3XX171 PRJ - Stone Drop O&M	22,731	69,248	39,292	34,434	-43.3%
3XX175 PRJ - McClure O&M	792,126	1,175,732	1,206,178	1,172,488	2.6%
3XX180 PRJ - Woodland Operations	4,208,923	4,462,724	4,439,529	4,531,166	-0.5%
3XX182 PRJ - Woodland Maintenance	9,787,846	6,485,032	5,252,396	5,444,651	-19.0%
3XX185 PRJ - Ripon O&M	1,526,446	1,961,271	1,794,214	1,798,524	-8.5%
PS - Generation O&M	18,730,796	16,249,276	14,835,676	15,170,171	-8.7%
3XX176 PRJ - McClure Fuel Expense	347,158	932,531	954,629	959,119	2.4%
3XX181 PRJ - Woodland Fuel Expense	12,647,608	16,651,076	23,605,495	23,458,484	41.8%
3XX186 PRJ - Ripon Fuel Expense	1,578,612	1,439,523	3,020,057	2,871,061	109.8%
PS - Generation Fuel	14,573,378	19,023,130	27,580,181	27,288,664	45.0%
Power Supply	\$243,856,950	\$251,702,263	\$309,500,011	\$303,264,660	23.0%

Capital Summary

2023 Capital Budget Division Summary District Capital

Project	2023 Adopted Budget
722401 PRJ - Microwave Radio System Upgrade	581,367
7XX101 PRJ - Server Hardware/Software	185,000
7XX102 PRJ - Network Hardware/Software	110,000
7XX103 PRJ - Printers/Scanners/Projector	50,000
7XX119 PRJ - Comm Equip Upgrade	275,000
7XX138 PRJ - IT Security Infrastructure	80,000
723501 PRJ - Business Analytics and Reporting	173,000
723502 PRJ - Mobile Mapping System Update	263,000
CAP - 40 CAP - INFORMATION TECHNOLOGY DIVISION	1,717,367
722405 PRJ - Replace Fleet Shop In-Ground Hoists	250,000
723503 PRJ - Welding Shop Window Replacement	74,200
723504 PRJ - Training Center HVAC Replacement	14,500
723505 PRJ - Safety Department HVAC Replacement	16,250
723521 PRJ - Replace Vehicle 319	45,000
723527 PRJ - Replace Vehicle 489	42,000
723526 PRJ - Replace Vehicle 429	65,000
723518 PRJ - Replace Vehicle 279	200,000
723522 PRJ - Replace Vehicle 328	34,000
723520 PRJ - Replace Vehicle 302	37,000
723517 PRJ - Replace Vehicle 232	65,000
723516 PRJ - Replace Vehicle 225	45,000
723509 PRJ - Replace Vehicle 036	200,000
723510 PRJ - Replace Vehicle 065	55,000
723511 PRJ - Replace Vehicle 089	120,000
723512 PRJ - Replace Vehicle 090	65,000
723508 PRJ - Replace Vehicle 035	65,000
723506 PRJ - Replace Vehicle 019	65,000

2023 Capital Budget Division Summary District Capital

Project	2023 Adopted Budget
723507 PRJ - Replace Vehicle 030	55,000
723525 PRJ - Replace Trailer 371	75,000
723524 PRJ - Replace Unit 364	375,000
723513 PRJ - Replace Unit 102	325,000
723523 PRJ - Replace Trailer 329	75,000
723514 PRJ - 3-Axle Trailer for Irrigation 134	65,000
723515 PRJ - Replace Unit 198	13,000
723519 PRJ - Replace Unit 288	13,000
723528 PRJ - Replace Vehicle 493	42,000
723529 PRJ - Replace Unit 497	415,000
CAP - 50 CAP - FINANCE DIVISION	2,910,950
714331 PRJ - DP Generation Upgrade	5,165,971
723530 PRJ - DP Housing Improvements	11,500
723531 PRJ - DP Front Gate Improvement	11,500
723532 PRJ - DP Facility Access Control	29,000
723533 PRJ - DP Electric Forklift	19,000
723534 PRJ - DP Warehouse Door Opener	3,000
723535 PRJ - DP Oil Centrifuge	10,000
723536 PRJ - DP Generator Electric Test Set	16,000
723537 PRJ - DP Storage Upgrades	16,000
CAP - 60 CAP - ELECTRIC RESOURCES DIVISION	5,281,971
666001 PRJ - RC-Overhead Services	773,492
666002 PRJ - RC-Underground Services	339,136
666003 PRJ - RC-Overhead Pvt Lighting (9000 Lumen)	44,264
666005 PRJ - RC-Transm-Towers/Poles/Fixtures/Cond/Devices	12,341
666006 PRJ - RC-Dist-Towers/Poles/Fixtures/Cond/Devices	762,032
666007 PRJ - RC-Underground Conduits/Conductors/Devices	916,848
666008 PRJ - RC-Overhead Transformers	1,211,679

2023 Capital Budget Division Summary District Capital

Project	2023 Adopted Budget
666009 PRJ - RC-Underground Transformers	2,208,448
7XX106 PRJ - Mountain House Development	1,291,006
7XX107 PRJ - Mountain House Substructure	968,425
7XX108 PRJ - Pole Relocations	1,413,345
7XX109 PRJ - Conduit Installations	1,210,237
7XX111 PRJ - Pole Replace/Restorations	2,003,896
7XX113 PRJ - Contaminated Transf. Repl.	171,495
7XX123 PRJ - Primary System Improvements	214,793
7XX130 PRJ - OH #6 Copper Replacements	1,179,598
7XX132 PRJ - UG Cable Installation	681,660
7XX139 PRJ - Cap Bank Refurbishments	302,180
723538 PRJ - 115kV Insulator Replacement	167,527
723539 PRJ - 8th Street B58 Reconductor and Line Extension	86,606
723540 PRJ - Mariposa B54 Line Extension	74,046
723541 PRJ - Reservoir B58 Line Extension and B56 Re-route	80,285
723542 PRJ - Mountain House 69kV Lines	598,124
723543 PRJ - USA Locating Devices	18,000
7XX124 PRJ - Substation Improvements	351,806
7XX143 PRJ - Ground Grid Improvements	397,182
723544 PRJ - Substation Security - Westley	135,508
723545 PRJ - 69kV Oil Circuit Breaker Repl - Mariposa B6185	195,786
723546 PRJ - 8th Street B58 UG Reconductor	125,261
723547 PRJ - HVAC Repl - Poust	45,990
723548 PRJ - HVAC Repl - Roselle	45,990
723549 PRJ - HVAC Repl - Standiford	45,990
723550 PRJ - Quinto-Westley 230kV Line Relay Repl	391,827
723551 PRJ - Reservoir B56 UG Reconductor	48,326
723552 PRJ - Substation Security - Enslin	120,508

2023 Capital Budget Division Summary District Capital

Project	2023 Adopted Budget
723553 PRJ - 230kV Bus Diff Relays - Westley	66,365
723554 PRJ - 230kV CB Repl - Westley B2352	132,000
723555 PRJ - Mountain House 69kV Expansion	788,068
723556 PRJ - Battery Impedance Test Equipment	10,000
723557 PRJ - Breaker Analyzer	19,000
723558 PRJ - CT/PT Test Set	20,300
723559 PRJ - Relay Test Set	88,800
723560 PRJ - Substation Transformer	1,482,288
723561 PRJ - Hershey Communications System	211,024
723562 PRJ - Rosemore T1 Preventative Auto Replacement	713,094
666012 PRJ - RC-Revenue Meter Equip	867,092
723563 PRJ - Meter Site Analyzer Upgrade	53,000
723564 PRJ - Metering CT Test Equipment	33,000
CAP - 70 CAP - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION	23,117,663
7XX114 PRJ - Don Pedro Recreation Agency	150,704
723565 PRJ - Lateral 6 and 8 Regulating Reservoir	275,000
723566 PRJ - Dry Creek Flood Control	250,000
723567 PRJ - Tuolumne River Watershed Gaging Stations	50,000
723568 PRJ - Tuolumne River Restoration Project	250,000
723569 PRJ - La Grange Water Treatment Plant Access Stairways	10,000
722460 PRJ - Fencing	50,000
7XX115 PRJ - District Pipeline Repl	556,718
7XX116 PRJ - Pump Modernization	592,908
7XX118 PRJ - Infrastructure Modernization	463,790
7XX126 PRJ - SCADA Automation	250,000
7XX137 PRJ - Measuring Gate Calibration	101,280
CAP - 80 CAP - WATER OPERATIONS DIVISION	3,000,400
723570 PRJ - Chemical Dose Automation/Recording Phase II	650,000

2023 Capital Budget Division Summary District Capital

Project	2023 Adopted Budget
723571 PRJ - Lab Incubator	35,000
723572 PRJ - Lab Remodel	100,000
723573 PRJ - Terminal Reservoir Pump Drives	400,000
723574 PRJ - Membrane Plant Blower	300,000
CAP - 81 CAP - DOMESTIC WATER DIVISION	1,485,000
District Capital	\$37,513,350

Board of Directors

O&M

2023 O&M Budget Division Summary

OM - BOARD OF DIRECTORS DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX500 PRJ - Board of Directors	149,087	361,100	249,920	280,720	-30.8%
OM - 1010 OM - Directors	149,087	361,100	249,920	280,720	-30.8%
3XX501 PRJ - Board Secretary Office	329,134	466,292	461,494	464,577	-1.0%
OM - 1020 OM - Secretary's Office	329,134	466,292	461,494	464,577	-1.0%
3XX510 PRJ - Legal Counsel	1,769,376	1,745,000	1,745,000	1,745,000	0.0%
3XX511 PRJ - Legal Claims	213,562	1,050,000	1,050,000	1,050,000	0.0%
3XX512 PRJ - MID Water Rights	0	250,000	250,000	250,000	0.0%
OM - 1030 OM - General Counsel	1,982,938	3,045,000	3,045,000	3,045,000	0.0%
OM - 10 OM - BOARD OF DIRECTORS DIVISION	\$2,461,158	\$3,872,392	\$3,756,414	\$3,790,297	-3.0%

2023 O&M Budget Project Detail

Division: BOARD OF DIRECTORS DIVISION
Project Number: 3XX500

Department: 1010 Directors
Project Title: PRJ - Board of Directors

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	121,635	102,600	97,920	95,220	-5%
Materials & Supplies	335	3,000	3,000	3,000	0%
Outside Services	9,450	175,000	67,500	100,000	-61%
Seminars & Meetings	17,303	80,000	81,000	82,000	1%
Administrative & General	364	500	500	500	0%
MID Equipment	0	0	0	0	0%
Totals	149,087	361,100	249,920	280,720	-31%

Notes: Outside Services: Election costs every other year, next election in 2022; service awards.

2023 O&M Budget Project Detail

Division: BOARD OF DIRECTORS DIVISION
Project Number: 3XX501

Department: 1020 Secretary's Office
Project Title: PRJ - Board Secretary Office

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	326,839	480,794	474,981	477,921	-1%
Labor Vacancy	0	-17,502	-17,187	-17,194	-2%
Materials & Supplies	537	1,050	1,700	1,800	62%
Outside Services	0	0	0	0	0%
Seminars & Meetings	1,642	1,050	1,100	1,150	5%
Administrative & General	116	900	900	900	0%
MID Equipment	0	0	0	0	0%
Totals	329,134	466,292	461,494	464,577	-1%

2023 O&M Budget Project Detail

Division: BOARD OF DIRECTORS DIVISION
Project Number: 3XX510

Department: 1030 General Counsel Dept.
Project Title: PRJ - Legal Counsel

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	% Change <u>Current Budget</u>
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	5,000	5,000	5,000	0%
Outside Services	1,768,485	1,700,000	1,700,000	1,700,000	0%
Seminars & Meetings	0	5,000	5,000	5,000	0%
Administrative & General	891	32,000	32,000	32,000	0%
MID Equipment	<u>0</u>	<u>3,000</u>	<u>3,000</u>	<u>3,000</u>	<u>0%</u>
Totals	1,769,376	1,745,000	1,745,000	1,745,000	0%

2023 O&M Budget Project Detail

Division: BOARD OF DIRECTORS DIVISION
Project Number: 3XX511

Department: 1030 General Counsel Dept.
Project Title: PRJ - Legal Claims

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	127	0	0	0	0%
Outside Services	165,435	750,000	750,000	750,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	48,000	300,000	300,000	300,000	0%
MID Equipment	0	0	0	0	0%
Totals	213,562	1,050,000	1,050,000	1,050,000	0%

2023 O&M Budget Project Detail

Division: BOARD OF DIRECTORS DIVISION
Project Number: 3XX512

Department: 1030 General Counsel Dept.
Project Title: PRJ - MID Water Rights

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	250,000	250,000	250,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	0	250,000	250,000	250,000	0%

Project Description: This account is used to budget funds for periodic Water Rights expenditures.

General Manager

O&M

2023 O&M Budget Division Summary

OM - GENERAL MANAGER DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX520 PRJ - General Manager	857,752	817,830	756,044	760,771	-7.6%
3XX521 PRJ - Regulatory Administration	767,087	1,092,787	1,097,314	1,110,938	0.4%
3XX522 PRJ - District Seminar & Meetings	0	236,000	236,000	236,000	0.0%
3XX531 PRJ - Public Affairs	820,381	924,449	919,211	922,299	-0.6%
3XX532 PRJ - Public Inform-Canal Safety	192,173	225,000	225,000	225,000	0.0%
3XX533 PRJ - Public Inform-Elect Safety	152,125	195,700	200,750	205,800	2.6%
3XX534 PRJ - Community Service	30,213	55,000	55,000	55,000	0.0%
OM - 2010 OM - General Manager	2,819,731	3,546,766	3,489,319	3,515,808	-1.6%
OM - 20 OM - GENERAL MANAGER DIVISION	\$2,819,731	\$3,546,766	\$3,489,319	\$3,515,808	-1.6%

2023 O&M Budget Project Detail

Division: GENERAL MANAGER DIVISION
Project Number: 3XX520

Department: 2010-D General Manager Department
Project Title: PRJ - General Manager

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	854,933	865,671	801,575	806,579	-7%
Labor Vacancy	0	-53,841	-51,581	-51,908	-4%
Materials & Supplies	415	1,750	1,750	1,750	0%
Outside Services	247	0	0	0	0%
Seminars & Meetings	1,861	1,650	1,700	1,750	3%
Administrative & General	45	0	0	0	0%
MID Equipment	<u>251</u>	<u>2,600</u>	<u>2,600</u>	<u>2,600</u>	<u>0%</u>
Totals	857,752	817,830	756,044	760,771	-8%

Project Description: Project consists of labor for the General Manager Department.

Notes: Seminars & Meetings: MSR; TANC; same day travel expenses.

2023 O&M Budget Project Detail

Division: GENERAL MANAGER DIVISION
Project Number: 3XX521

Department: 2010-D General Manager Department
Project Title: PRJ - Regulatory Administration

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	177,552	476,595	470,797	473,784	-1%
Materials & Supplies	5	1,000	1,000	1,000	0%
Outside Services	260,397	265,000	265,000	265,000	0%
Seminars & Meetings	3,492	5,000	5,000	5,000	0%
Administrative & General	325,641	344,192	354,518	365,154	3%
MID Equipment	0	1,000	1,000	1,000	0%
Totals	767,087	1,092,787	1,097,315	1,110,938	0%

Notes: Outside Services includes federal and state lobbyists for energy and water legislation; A&G includes association fees, i.e. APPA, ACWA and CMUA.

2023 O&M Budget Project Detail

Division: GENERAL MANAGER DIVISION
Project Number: 3XX522

Department: 2010-D General Manager Department
Project Title: PRJ - District Seminar & Meetings

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	236,000	236,000	236,000	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	0	236,000	236,000	236,000	0%

Notes: Seminar & Meetings for entire District is budgeted under this account.

2023 O&M Budget Project Detail

Division: GENERAL MANAGER DIVISION
Project Number: 3XX531

Department: 2010-D General Manager Department
Project Title: PRJ - Public Affairs

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	457,865	452,449	447,011	449,899	-1%
Materials & Supplies	3,529	46,500	46,500	46,500	0%
Outside Services	44,850	100,000	100,000	100,000	0%
Seminars & Meetings	3,319	2,600	2,800	3,000	8%
Administrative & General	310,819	322,900	322,900	322,900	0%
MID Equipment	0	0	0	0	0%
Totals	820,382	924,449	919,211	922,299	-1%

Project Description: Public Affairs conducts media relations, crisis communications, educational outreach, and employee communications to support the MID mission & business plan.

Notes: Communications activities support mandates including demand reduction programs. A&G: energy efficiency productions.

Applicable Policy: Includes Public Benefit Policy, Community Service Donation Policy, Renewable Portfolio Standard, and MOU Stanislaus County Office of Emergency Services.

2023 O&M Budget Project Detail

Division: GENERAL MANAGER DIVISION
Project Number: 3XX532

Department: 2010-D General Manager Department
Project Title: PRJ - Public Inform-Canal Safety

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	5,000	5,000	5,000	0%
Outside Services	31,533	70,000	70,000	70,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	160,641	150,000	150,000	150,000	0%
MID Equipment	0	0	0	0	0%
Totals	192,174	225,000	225,000	225,000	0%

Project Description: Educational outreach targeting adults and children. Includes paid media, schools outreach, Tuolumne River Trust Trekking the Tuolumne schools program partnership, swim lessons sponsorships and other activities.

Notes: Supports MID liability management activities. Conforms to AEGIS recommendations about utility best practices.

Applicable Policy: MID liability management activities.

2023 O&M Budget Project Detail

Division: GENERAL MANAGER DIVISION
Project Number: 3XX533

Department: 2010-D General Manager Department
Project Title: PRJ - Public Inform-Elect Safety

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	700	750	800	7%
Outside Services	12,351	30,000	30,000	30,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	139,774	165,000	170,000	175,000	3%
MID Equipment	0	0	0	0	0%
Totals	152,125	195,700	200,750	205,800	3%

Project Description: Educational outreach program targeting adults and children. Includes paid media, schools outreach and other activities.

Notes: Supports MID liability management activities. Conforms to AEGIS recommendations about utility best practices.

Applicable Policy: MID liability management activities.

2023 O&M Budget Project Detail

Division: GENERAL MANAGER DIVISION
Project Number: 3XX534

Department: 2010-D General Manager Department
Project Title: PRJ - Community Service

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	30,213	55,000	55,000	55,000	0%
MID Equipment	0	0	0	0	0%
Totals	30,213	55,000	55,000	55,000	0%

Project Description: Support for local non-profit, non-political organizations operating within MID's electric service area and benefiting MID customers.

Notes: Extends educational outreach and assists with meeting advertising, energy efficiency and public benefit goals. Includes annual support for Opportunity Stanislaus.

Applicable Policy: Community Service Policy - MID Board Resolution No. 2002-172.

Human Resources

O&M

2023 O&M Budget Division Summary

OM - HUMAN RESOURCES DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX550 PRJ - Human Resources	742,521	898,910	892,423	900,587	-0.7%
3XX552 PRJ - Training	5,094	498,908	498,292	504,534	-0.1%
3XX560 PRJ - Recruitments	436,050	633,553	633,201	640,881	-0.1%
3XX561 PRJ - Employee Programs	56,606	158,545	163,210	167,795	2.9%
3XX553 PRJ - Retirement Administration	467,078	472,978	481,158	491,832	1.7%
OM - 2410 OM - Human Resources	1,707,349	2,662,894	2,668,284	2,705,629	0.2%
OM - 24 OM - HUMAN RESOURCES DIVISION	\$1,707,349	\$2,662,894	\$2,668,284	\$2,705,629	0.2%

2023 O&M Budget Project Detail

Division: HUMAN RESOURCES DIVISION
Project Number: 3XX550

Department: 2410 Human Resources
Project Title: PRJ - Human Resources

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	700,929	843,769	833,584	838,870	-1%
Labor Vacancy	0	-55,027	-54,361	-54,709	-1%
Materials & Supplies	3,714	6,665	6,860	7,025	3%
Outside Services	6,035	45,643	46,970	48,520	3%
Seminars & Meetings	4,738	2,250	2,300	2,350	2%
Administrative & General	27,105	55,610	57,070	58,530	3%
MID Equipment	0	0	0	0	0%
Totals	742,521	898,910	892,423	900,586	-1%

Project Description: Administers employee/labor relations programs and health benefit programs in accordance with District policy and applicable regulations.

Notes: Materials & Supplies: office supplies; Outside Services: flex spending admin fees; Seminars & Meetings: meeting supplies; A&G: business and legal publications; employee physicals (Class A; respiratory; hearing); security background checks.

Applicable Policy: Memorandum of Understanding; MID Employee Handbook; Meyers-Milias-Brown Act; Public Employment Relations Board; Equal Employment Opportunity Commission; Americans with Disabilities Act; Department of Fair Employment and Housing; Family and Medical Leave Act/California Family Rights Act; Fair Labor Standards Act; Consolidated Omnibus Budget Reconciliation Act; Health Insurance Portability and Accountability Act; Patient Protection and Affordable Care Act; Internal Revenue Code; Department of Transportation.

2023 O&M Budget Project Detail

Division: HUMAN RESOURCES DIVISION
Project Number: 3XX552

Department: 2410 Human Resources
Project Title: PRJ - Training

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	370,160	365,672	368,034	-1%
Materials & Supplies	0	2,580	2,670	2,760	3%
Outside Services	0	114,500	117,930	121,500	3%
Seminars & Meetings	0	9,468	9,740	9,900	3%
Administrative & General	5,094	2,200	2,280	2,340	4%
MID Equipment	0	0	0	0	0%
Totals	5,094	498,908	498,292	504,534	0%

Project Description: Develops and implements District-wide mandated and voluntary professional development and training program in support of District objectives; supports the MID Wellness Program.

Notes: Materials & Supplies: training manuals; Outside Services: training consultant services to support leadership and general training; Seminars & Meetings: onsite training supplies; trainer certifications; A&G: training publications.

Applicable Policy: Training supports the MID Core Values & Mission & Vision statements with particular emphasis on quality, innovation, leadership and continuous improvement.

2023 O&M Budget Project Detail

Division: HUMAN RESOURCES DIVISION
Project Number: 3XX560

Department: 2410 Human Resources
Project Title: PRJ - Recruitments

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	355,207	456,893	451,361	454,256	-1%
Materials & Supplies	0	3,450	3,540	3,625	3%
Outside Services	18,183	87,500	90,000	92,500	3%
Seminars & Meetings	299	8,910	9,200	9,500	3%
Administrative & General	62,361	76,800	79,100	81,000	3%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	436,050	633,553	633,201	640,881	0%

Project Description: Administers recruitment and selection program in accordance with District policy and applicable regulations.

Notes: Materials & Supplies: new hire packets; Outside Services: background checks; relocation fees; consultant recruitment services to fill key positions; Seminars & Meetings: travel expenses for external candidates; A&G: advertising; new hire physicals.

Applicable Policy: Memorandum of Understanding; Employee Handbook; Equal Employment Opportunity Commission; Americans with Disabilities Act, Department of Fair Employment and Housing.

2023 O&M Budget Project Detail

Division: HUMAN RESOURCES DIVISION
Project Number: 3XX561

Department: 2410 Human Resources
Project Title: PRJ - Employee Programs

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	24,003	31,070	32,110	33,230	3%
Outside Services	1,690	21,600	22,300	22,750	3%
Seminars & Meetings	0	6,575	6,600	6,615	0%
Administrative & General	30,913	99,300	102,200	105,200	3%
MID Equipment	0	0	0	0	0%
Totals	56,606	158,545	163,210	167,795	3%

Project Description: Administers employee educational and professional development reimbursement program; wellness program; service awards; employee team leagues.

Notes: Materials & Supplies: service awards; team supplies; Outside Services: employee assistance program; A&G: employee licenses and certificates; employee recognition awards; wellness program incentives.

Applicable Policy: Memorandum of Understanding; Employee Handbook: Employee Programs supports the MID Core Values & Mission & Vision statements with particular emphasis on teamwork, innovation and continuous improvement.

2023 O&M Budget Project Detail

Division: HUMAN RESOURCES DIVISION
Project Number: 3XX553

Department: 2410 Human Resources
Project Title: PRJ - Retirement Administration

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	158,420	163,408	161,428	162,462	-1%
Materials & Supplies	0	155	160	165	3%
Outside Services	308,658	305,570	315,590	325,110	3%
Seminars & Meetings	0	2,650	2,750	2,825	4%
Administrative & General	0	1,195	1,230	1,270	3%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	467,078	472,978	481,158	491,832	2%

Project Description: Administers MID's defined benefit plan, defined contribution plans, and retiree medical plan; facilitates accordance with MID's pension plans and applicable regulations.

Notes: Outside Services: actuarial services; third party administration fees; Seminars & Meetings: consultant reimbursable expenses; A&G: death certificates; practitioner manuals and periodicals.

Applicable Policy: MID Retirement Plan Documents; Memorandum of Understanding; MID Employee Handbook; California Government Code; Internal Revenue Code.

Information Technology O&M

2023 O&M Budget Division Summary

OM - INFORMATION TECHNOLOGY DIVISION

	2021 <u>Actual</u>	2022 <u>Budget</u>	2023 Adopted <u>Budget</u>	2024 Proposed <u>Budget</u>	% Change Prev. Budget to Current Budget
3XX650 PRJ - IT Administration	6,781,392	7,335,276	7,624,964	7,834,561	3.9%
OM - 4010 OM - Information Technology	6,781,392	7,335,276	7,624,964	7,834,561	3.9%
3XX655 PRJ - IT Systems Support	1,561,701	1,719,721	1,698,749	1,709,726	-1.2%
OM - 4020 OM - I.T. Systems Support	1,561,701	1,719,721	1,698,749	1,709,726	-1.2%
3XX660 PRJ - IT Applications Business Support	1,582,937	1,601,793	1,415,291	1,424,435	-11.6%
OM - 4030 OM - I.T. Applications Business Support	1,582,937	1,601,793	1,415,291	1,424,435	-11.6%
3XX661 PRJ - IT Applications Operations Support	1,033,280	1,314,039	1,083,216	1,090,215	-17.6%
OM - 4035 OM - I.T. Applications Operations Support	1,033,280	1,314,039	1,083,216	1,090,215	-17.6%
3XX665 PRJ - Technical Operations	963,552	1,628,598	1,609,148	1,415,438	-1.2%
OM - 4040 OM - I.T. Technical Operations	963,552	1,628,598	1,609,148	1,415,438	-1.2%
3XX656 PRJ - Network/Desktop Support	738,153	649,869	847,354	852,830	30.4%
OM - 4060 OM - Desktop Support	738,153	649,869	847,354	852,830	30.4%
3XX667 PRJ - IT Security	836,783	936,685	925,281	931,260	-1.2%
OM - 4070 OM - Information Security	836,783	936,685	925,281	931,260	-1.2%
OM - 40 OM - INFORMATION TECHNOLOGY DIVISION	<u><u>\$13,497,798</u></u>	<u><u>\$15,185,981</u></u>	<u><u>\$15,204,004</u></u>	<u><u>\$15,258,464</u></u>	0.1%

2023 O&M Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 3XX650

Department: 4010 Information Technology
Project Title: PRJ - IT Administration

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	804,729	1,043,401	1,030,749	1,037,298	-1%
Labor Vacancy	0	-266,823	-258,294	-253,836	-3%
Materials & Supplies	381,012	537,678	417,467	434,166	-22%
Outside Services	759,958	629,700	739,000	805,800	17%
Seminars & Meetings	777	8,000	8,000	8,000	0%
Administrative & General	4,834,916	5,383,320	5,688,042	5,803,133	6%
MID Equipment	0	0	0	0	0%
Totals	6,781,392	7,335,276	7,624,964	7,834,561	4%

Project Description: Administrative support for Information Technology such as telecommunications, operational systems, business systems and desktop support.

Notes: Materials & Supplies includes PC's and monitors; network and telecommunications parts; printing supplies; and security system parts; Outside Services includes hardware support and other consulting services; A&G includes software license fees, Software as a Service (SaaS) fees, telephone service, microwave site lease payments and electrical expenses.

Applicable Policy: District Mission; Business Plan; Information Technology Plan; NERC Critical Infrastructure (CIP) Protection Reliability Standards.

2023 O&M Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 3XX655

Department: 4020 I.T. Systems Support
Project Title: PRJ - IT Systems Support

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,559,890	1,719,721	1,698,749	1,709,726	-1%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	231	0	0	0	0%
Administrative & General	730	0	0	0	0%
MID Equipment	850	0	0	0	0%
Totals	1,561,701	1,719,721	1,698,749	1,709,726	-1%

Project Description: Labor support for IT network and server infrastructure support.

Notes: IT Systems Support operates, maintains and administers the District's IT infrastructure which includes servers, network devices, storage arrays, disaster recovery and security systems, databases and cloud services. Key duties include network administration, database administration, server and storage administration, email system administration, documentation management system administration, virtual environment administration and infrastructure planning. IT Systems also provides support for the NERC CIP Incident Response and Disaster Recovery requirements. Labor and Benefits reflects reclassification of Senior Systems Programmer.

Applicable Policy: District Mission; Business Plan; Information Technology Plan; NERC Critical Infrastructure (CIP) Protection Reliability Standards.

2023 O&M Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 3XX660

Department: 4030 I.T. Applications Business Support
Project Title: PRJ - IT Applications Business Support

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,582,937	1,601,793	1,415,291	1,424,435	-12%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	1,582,937	1,601,793	1,415,291	1,424,435	-12%

Project Description: Labor for the support and maintenance of the District's Enterprise Business Applications.

Notes: IT Applications Business Support Department supports and maintains the District's business applications including the Customer Information System, Financial Information System and Human Resource Information System. Duties include business process automation; software upgrades; batch process implementation; software configuration; data analysis and reporting; software design; and special project implementation.

Applicable Policy: District Mission; Business Plan; Information Technology Plan; NERC Critical Infrastructure (CIP) Protection Reliability Standards.

2023 O&M Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 3XX661

Department: 4035 I.T. Applications Operations Support
Project Title: PRJ - IT Applications Operations Support

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,033,280	1,314,039	1,083,216	1,090,215	-18%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	1,033,280	1,314,039	1,083,216	1,090,215	-18%

Project Description: Labor for the support and maintenance of the District's Operational Applications.

Notes: The IT Applications Operational Support Department maintains and supports the District's operational applications such as SCADA, Geographic Information Systems, Work Management Systems, and Advanced Meter Infrastructure. Duties include SCADA programming, software upgrades, geographic data analysis, meter usage analysis, software configuration, and mobile work management development and support.

Applicable Policy: District Mission; Business Plan; Information Technology Plan; Reliability and Safety.

2023 O&M Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 3XX665

Department: 4040 I.T. Technical Operations
Project Title: PRJ - Technical Operations

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	927,110	1,628,598	1,609,148	1,415,438	-1%
Materials & Supplies	855	0	0	0	0%
Outside Services	24,862	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	10,725	0	0	0	0%
Totals	963,552	1,628,598	1,609,148	1,415,438	-1%

Project Description: Labor to maintain District's telecommunications network and security systems.

Notes: Labor to perform maintenance and support on the District's telecommunications and physical security infrastructure including; microwave; fiber-optic; security cameras; and physical access control systems. Typical duties include maintenance on over 50 telecommunication sites throughout the District's service territory; wiring of Remote Terminal Units; calibration and testing of Irrigation Programmable Logic Controls; telephone Private Branch Exchange programming; installation of card access readers; CAT5/6 wiring for office remodels; troubleshooting camera system issues. Labor and Benefits reflects addition of succession position.

Applicable Policy: District Mission; Business Plan; Information Technology Plan; NERC Critical Infrastructure (CIP) Protection Reliability Standards.

2023 O&M Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 3XX656

Department: 4060 Desktop Support
Project Title: PRJ - Network/Desktop Support

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	738,153	649,869	847,354	852,830	30%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	738,153	649,869	847,354	852,830	30%

Project Description: Labor support for network, printer/copier and desktop support.

Notes: Network/Desktop Support staff include the Help Desk staff needed to update and maintain desktop computers. Help Desk staff also assist with operating system patches and security updates to desktop computers including those required to maintain NERC reliability standards. Labor and Benefits reflects Senior Systems Programmer.

Applicable Policy: District Mission; Business Plan; Information Technology Plan; NERC Critical Infrastructure (CIP) Protection Reliability Standards.

2023 O&M Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 3XX667

Department: 4070 Information Security
Project Title: PRJ - IT Security

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	836,302	936,685	925,281	931,260	-1%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	481	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	836,783	936,685	925,281	931,260	-1%

Project Description: Labor to support the District's information security and critical infrastructure protection compliance programs.

Notes: Information Security staff is responsible for NERC CIP compliance as well as for designing, implementing and monitoring the District's defense-in-depth cyber security systems. Duties include; defining firewall rules; conducting vulnerability assessments; researching security tools and controls; developing and maintaining various security procedures; monitoring threats; reviewing security logs.

Applicable Policy: District Mission; NERC Critical Infrastructure Protection (CIP) Reliability Standards; Information Technology Plan.

Finance

O&M

2023 O&M Budget Division Summary OM - FINANCE DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX700 PRJ - Finance Admin	726,608	263,341	268,398	268,654	1.9%
3XX710 PRJ - Treasurer	447,487	432,824	433,211	437,842	0.1%
3XX711 PRJ - Financing Related Expense	87,590	145,000	145,000	150,000	0.0%
3XX715 PRJ - Retirement Investment Expense	557,747	900,000	650,000	700,000	-27.8%
OM - 5010 OM - Finance	1,819,431	1,741,164	1,496,609	1,556,497	-14.0%
3XX702 PRJ - Pricing/Risk Management	580,013	711,129	796,065	801,482	11.9%
OM - 5015 OM - Planning Pricing and Risk	580,013	711,129	796,065	801,482	11.9%
3XX755 PRJ - Safety Admin	87,955	139,206	139,108	140,758	-0.1%
3XX756 PRJ - Safety	467,086	686,250	682,615	688,588	-0.5%
OM - 5020 OM - Saftey	555,041	825,455	821,724	829,346	-0.5%
3XX720 PRJ - Controller	511,986	643,002	649,367	661,670	1.0%
3XX725 PRJ - Accounting	1,138,988	1,160,916	1,146,997	1,154,169	-1.2%
OM - 5040 OM - Controller	1,650,974	1,803,918	1,796,365	1,815,840	-0.4%
3XX730 PRJ - Customer Services Admin	520,485	749,102	741,209	746,067	-1.1%
3XX735 PRJ - Billing	1,687,228	2,372,976	2,357,147	2,365,184	-0.7%
3XX740 PRJ - Call Center	1,580,904	2,208,805	2,177,496	2,191,183	-1.4%
3XX750 PRJ - Cash Accounting	2,119,302	2,391,804	2,374,969	2,383,638	-0.7%
OM - 5050 OM - Customer Services	5,907,919	7,722,687	7,650,822	7,686,071	-0.9%
3XX775 PRJ - Risk & Property	929,160	1,107,899	1,107,286	1,121,332	-0.1%
3XX777 PRJ - Environmental	462,639	568,872	569,150	573,846	0.0%
OM - 5030 OM - General Services	1,391,800	1,676,771	1,676,435	1,695,178	0.0%
3XX780 PRJ - Building Services	1,671,863	2,304,919	2,540,538	2,400,721	10.2%
OM - 5031 OM - Buildings & Grounds	1,671,863	2,304,919	2,540,538	2,400,721	10.2%
3XX785 PRJ - Purchasing	732,904	941,882	931,645	938,773	-1.1%
3XX786 PRJ - Materials Handling	860,165	903,090	899,042	909,493	-0.4%
OM - 5032 OM - Purchasing & Materials Handling	1,593,069	1,844,972	1,830,687	1,848,266	-0.8%

2023 O&M Budget Division Summary OM - FINANCE DIVISION

	2021	2022	2023 Adopted	2024 Proposed	% Change Prev. Budget to Current Budget
	<u>Actual</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	
3XX998 PRJ - Equipment Clearing	-1,397,657	-3,324,320	-3,361,762	-3,431,235	1.1%
3XX790 PRJ - Fleet Maintenance	764,055	821,307	814,506	825,007	-0.8%
3XX791 PRJ - Vehicles & Equipment	1,609,970	2,503,013	2,547,257	2,606,228	1.8%
OM - 5033 OM - Fleet Maintenance	976,368	0	0	0	0.0%
3XX760 PRJ - Energy Services	1,726,463	2,172,484	2,152,204	2,162,800	-0.9%
3XX763 PRJ - Energy Management	2,348,232	3,824,330	3,541,311	3,545,610	-7.4%
3XX764 PRJ - Solar Photovoltaic PBI	379,289	150,000	150,000	150,000	0.0%
OM - 5065 OM - Energy Services	4,453,985	6,146,815	5,843,515	5,858,410	-4.9%
OM - 50 OM - FINANCE DIVISION	<u><u>\$20,600,462</u></u>	<u><u>\$24,777,830</u></u>	<u><u>\$24,452,759</u></u>	<u><u>\$24,491,811</u></u>	-1.3%

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX700

Department: 5010 Finance
Project Title: PRJ - Finance Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	597,794	556,676	549,970	553,446	-1%
Labor Vacancy	0	-518,836	-507,073	-510,292	-2%
Materials & Supplies	288	0	0	0	0%
Outside Services	125,620	220,000	220,000	220,000	0%
Seminars & Meetings	154	2,500	2,500	2,500	0%
Administrative & General	2,751	3,000	3,000	3,000	0%
MID Equipment	0	0	0	0	0%
Totals	726,607	263,340	268,397	268,654	2%

Project Description: The Finance Division supports MID operations by providing financial services to manage MID funds, pay employees and vendors, manage risk and ensure financial viability.

Notes: Outside services reflects work for rate studies, economic analysis and outside resources. A&G includes association dues and subscriptions for Government Finance Officers Association.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX710

Department: 5010 Finance
Project Title: PRJ - Treasurer

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	183,847	170,024	167,939	169,024	-1%
Materials & Supplies	0	0	0	0	0%
Outside Services	263,640	262,400	264,872	268,418	1%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	400	400	400	0%
MID Equipment	0	0	0	0	0%
Totals	447,487	432,824	433,211	437,842	0%

Notes: Outside Services includes Public Financial Management asset management for investment advisory services. Increased to reflect actual spend.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX711

Department: 5010 Finance
Project Title: PRJ - Financing Related Expense

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	87,590	145,000	145,000	150,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	87,590	145,000	145,000	150,000	0%

Project Description: Project contains costs for administering and maintaining District financings.

Notes: Outside Services: Financing related expenses including Trustee and Rating Agency fees.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX715

Department: 5010 Finance
Project Title: PRJ - Retirement Investment Expense

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	557,747	900,000	650,000	700,000	-28%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	557,747	900,000	650,000	700,000	-28%

Project Description: Asset Management Fees for District Basic, Supplemental Plan, and Retiree Medical Trust.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX702

Department: 5015 Planning Pricing and Risk
Project Title: PRJ - Pricing/Risk Management

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	537,355	663,774	748,079	752,862	13%
Materials & Supplies	3,250	0	0	0	0%
Outside Services	32,170	43,000	43,500	44,000	1%
Seminars & Meetings	71	0	0	0	0%
Administrative & General	7,167	4,355	4,486	4,620	3%
MID Equipment	0	0	0	0	0%
Totals	580,013	711,129	796,065	801,482	12%

Project Description: The account includes the Planning, Pricing and Risk Management activities. Staff is responsible for overseeing the District Pricing/Risk Management, Planning/Budgeting and Retail Electric Rates.

Notes: Outside Services includes Bloomberg, risk software, and financial planning software support. A&G: Publications, software upgrades, electronic data.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX755

Department: 5020 Safety
Project Title: PRJ - Safety Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	87,459	94,006	92,858	93,458	-1%
Materials & Supplies	164	2,200	2,250	2,300	2%
Outside Services	0	40,000	41,000	42,000	3%
Seminars & Meetings	0	1,500	1,500	1,500	0%
Administrative & General	332	1,500	1,500	1,500	0%
MID Equipment	0	0	0	0	0%
Totals	87,955	139,206	139,108	140,758	0%

Notes: Materials & Supplies: staff safety equipment, office and training supplies and promotional items; Outside Services: emergency action planning and consulting, compliance audits.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX756

Department: 5020 Safety
Project Title: PRJ - Safety

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	404,012	556,963	550,180	553,713	-1%
Materials & Supplies	13,312	16,527	16,760	16,985	1%
Outside Services	90	48,040	49,250	50,360	3%
Seminars & Meetings	15,916	5,100	5,100	5,100	0%
Administrative & General	33,755	58,520	60,175	61,230	3%
MID Equipment	0	1,100	1,150	1,200	5%
Totals	467,085	686,250	682,615	688,588	-1%

Project Description: Administers safety compliance and safety training in accordance with District policy and applicable regulations.

Notes: Outside Services: safety practical and technical training (ex: confined spaces, forklift/aerial lift, Hazwoper/CPR). Seminars & Meetings: training supplies; A&G: online training subscriptions, safety incentive program.

Applicable Policy: Memorandum of Understanding; MID Employee Handbook; MID Injury & Illness Prevention Program; Safety Manual; Occupational Safety and Health Administration.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX720

Department: 5040 Controller Department
Project Title: PRJ - Controller

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	285,402	304,437	300,744	302,688	-1%
Materials & Supplies	6	0	0	0	0%
Outside Services	226,229	335,265	345,323	355,683	3%
Seminars & Meetings	349	2,200	2,200	2,200	0%
Administrative & General	0	1,100	1,100	1,100	0%
MID Equipment	0	0	0	0	0%
Totals	511,986	643,002	649,367	661,671	1%

Notes: Outside services include financial audit services for MID, MIDFA, Retiree Medical Benefits, Basic and Supplemental Plans.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX725

Department: 5040 Controller Department
Project Title: PRJ - Accounting

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,131,050	1,142,016	1,128,097	1,135,269	-1%
Materials & Supplies	7,676	13,000	13,000	13,000	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	3,800	3,800	3,800	0%
Administrative & General	262	2,100	2,100	2,100	0%
MID Equipment	0	0	0	0	0%
Totals	1,138,988	1,160,916	1,146,997	1,154,169	-1%

Notes: Material & Supplies: includes check stock orders; Office Supplies consolidated for Finance Division; A&G includes GASB and Payroll publications.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX730

Department: 5050 Customer Services
Project Title: PRJ - Customer Services Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	489,783	694,588	686,195	690,553	-1%
Materials & Supplies	13,018	5,500	5,500	5,500	0%
Outside Services	8,102	32,514	32,514	32,514	0%
Seminars & Meetings	613	3,000	3,000	3,000	0%
Administrative & General	8,970	13,000	13,500	14,000	4%
MID Equipment	0	500	500	500	0%
Totals	520,486	749,102	741,209	746,067	-1%

Notes: Outside Services: Auto dialer (Intrado), Skip Tracing (Redsson); Materials & Supplies: office supplies; A&G: Chartwell membership.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX735

Department: 5050 Customer Services
Project Title: PRJ - Billing

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	942,593	1,303,776	1,287,947	1,295,984	-1%
Materials & Supplies	698	5,500	5,500	5,500	0%
Outside Services	681,452	1,000,000	1,000,000	1,000,000	0%
Seminars & Meetings	0	100	100	100	0%
Administrative & General	62,485	63,600	63,600	63,600	0%
MID Equipment	0	0	0	0	0%
Totals	1,687,228	2,372,976	2,357,147	2,365,184	-1%

Notes: Outside Services: Infosend and Power Up IVR (CyberSource through Wells Fargo); A&G: court filing fees, phones and wifi. The increase in A&G reflects the recategorization of SmartGridCIS/Power Up under software as a service from Outside Services to A&G.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX740

Department: 5050 Customer Services
Project Title: PRJ - Call Center

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,575,726	2,199,117	2,167,808	2,181,495	-1%
Materials & Supplies	4,297	5,500	5,500	5,500	0%
Outside Services	482	2,400	2,400	2,400	0%
Seminars & Meetings	0	100	100	100	0%
Administrative & General	400	1,688	1,688	1,688	0%
MID Equipment	0	0	0	0	0%
Totals	1,580,905	2,208,805	2,177,496	2,191,183	-1%

Notes: Outside Services: interpreter services (Language Line); A&G: phone for Call Center Supervisor.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX750

Department: 5050 Customer Services
Project Title: PRJ - Cash Accounting

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,239,503	1,380,576	1,363,741	1,372,410	-1%
Materials & Supplies	9,042	5,500	5,500	5,500	0%
Outside Services	870,757	1,000,000	1,000,000	1,000,000	0%
Seminars & Meetings	0	100	100	100	0%
Administrative & General	0	3,377	3,377	3,377	0%
MID Equipment	0	2,251	2,251	2,251	0%
Totals	2,119,302	2,391,804	2,374,969	2,383,638	-1%

Notes: Materials & Supplies: Cashiering Station Supplies, Remittance Supplies; Outside Services: Opex Mail Opener, Cash Courier, US Payments & Ebilling fees, IVR & eBilling fees (Chase Paymentech), IVR & eBill Processor (InvoiceCloud); A&G: phone for Cash Accounting Supervisor.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX775

Department: 5030 General Services
Project Title: PRJ - Risk & Property

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	742,273	805,286	795,720	800,544	-1%
Materials & Supplies	871	2,000	2,000	2,000	0%
Outside Services	184,985	298,463	307,416	316,638	3%
Seminars & Meetings	35	1,300	1,300	1,300	0%
Administrative & General	997	850	850	850	0%
MID Equipment	0	0	0	0	0%
Totals	929,161	1,107,899	1,107,286	1,121,332	0%

Notes: The main components of the Outside Services account are the security guards and the iGuard perimeter security system. There are guards assigned to the downtown building as well as a guard assigned to the Service Center. In addition to security guards, there is a perimeter security system installed which is being monitored during evening hours, weekends and holidays.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX777

Department: 5030 General Services
Project Title: PRJ - Environmental

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	260,794	391,681	386,900	389,364	-1%
Materials & Supplies	3,780	8,000	8,135	8,287	2%
Outside Services	186,702	136,785	141,250	143,000	3%
Seminars & Meetings	0	2,490	2,550	2,600	2%
Administrative & General	11,239	28,516	28,865	29,145	1%
MID Equipment	125	1,400	1,450	1,450	4%
Totals	462,640	568,872	569,150	573,846	0%

Project Description: Toxic/Hazardous Waste Disposal: Selling obsolete equipment for recycling.

Notes: Materials & Supplies: containers for Haz-Mat waste disposal; Outside Services: includes toxic and hazardous waste transportation and disposal; A&G: includes permit fees and hazardous waste tax and fees.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX780

Department: 5031 Buildings & Grounds
Project Title: PRJ - Building Services

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	681,310	697,838	689,394	693,721	-1%
Materials & Supplies	124,901	415,522	623,425	442,112	50%
Outside Services	442,155	508,368	523,619	539,328	3%
Seminars & Meetings	213	600	600	600	0%
Administrative & General	423,284	648,591	668,500	688,960	3%
MID Equipment	0	34,000	35,000	36,000	3%
Totals	1,671,863	2,304,919	2,540,538	2,400,721	10%

Notes: Outside Services: custodial management, building HVAC, service contracts with various vendors, main office roof coating, interior paint; A&G: utilities, MID Electric.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX785

Department: 5032 Purchasing & Materials Handling
Project Title: PRJ - Purchasing

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	729,716	934,787	924,214	930,974	-1%
Materials & Supplies	1,787	4,911	5,147	5,402	5%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	725	755	792	4%
Administrative & General	1,401	1,459	1,529	1,605	5%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	732,904	941,882	931,645	938,773	-1%

Notes: Materials & Supplies: includes office supplies and postage for issuing contracts and bids; A&G: includes association dues and publications.

Applicable Policy: Comply with policy of central Purchasing Department to procure material and supplies in support of District goals.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX786

Department: 5032 Purchasing & Materials Handling
Project Title: PRJ - Materials Handling

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	779,040	795,318	786,110	791,135	-1%
Materials & Supplies	49,144	75,773	79,544	83,518	5%
Outside Services	19,026	17,102	17,955	18,851	5%
Seminars & Meetings	431	0	0	0	0%
Administrative & General	2,233	4,500	4,724	4,959	5%
MID Equipment	10,291	10,397	10,709	11,030	3%
Totals	860,165	903,090	899,042	909,493	0%

Project Description: Material Handling receives, stores, and issues material to meet the needs of the District.

Notes: Materials & Supplies: routine equipment replacements including saws, generators, ladders and safety equipment; Outside Services: gas monitor program, repair of weight scales and gates; Equipment: 2021 adjusted to reflect expected expenditures.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX998

Department: 5033 Fleet Maintenance
Project Title: PRJ - Equipment Clearing

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	-1,397,657	-3,324,320	-3,361,762	-3,431,235	1%
Totals	-1,397,657	-3,324,320	-3,361,762	-3,431,235	1%

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX790

Department: 5033 Fleet Maintenance
Project Title: PRJ - Fleet Maintenance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	626,848	602,819	595,518	599,333	-1%
Materials & Supplies	39,686	91,001	91,501	94,364	1%
Outside Services	9,298	25,595	25,595	26,361	0%
Seminars & Meetings	1,958	3,262	3,262	3,360	0%
Administrative & General	86,077	94,093	94,093	96,916	0%
MID Equipment	188	4,537	4,537	4,673	0%
Totals	764,055	821,307	814,506	825,007	-1%

Notes: All indirect costs associated with maintaining the District's Fleet and any other services provided to other departments within the District, such as welding, fabricating, and repairing non vehicle related equipment in the field. Increase in Seminars & Meetings to reflect additional out of state welding training and aerial training.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX791

Department: 5033 Fleet Maintenance
Project Title: PRJ - Vehicles & Equipment

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	696,564	1,378,221	1,361,688	1,369,552	-1%
Materials & Supplies	877,966	1,086,386	1,146,172	1,196,255	6%
Outside Services	34,843	38,406	39,397	40,421	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	573	0	0	0	0%
MID Equipment	24	0	0	0	0%
Totals	1,609,970	2,503,013	2,547,257	2,606,228	2%

Notes: Materials & Supplies: All materials, parts, tires, and other maintenance/repair items needed to maintain and repair the District's fleet. Outside Services: annual aerial truck inspection and dielectric training for staff. All costs directly related to maintaining the District's fleet. The 6% increase in Materials & Supplies is to account for the large increases we are seeing in fleet related costs from vendors.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX760

Department: 5065 Energy Services
Project Title: PRJ - Energy Services

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,332,870	1,671,484	1,651,204	1,661,800	-1%
Materials & Supplies	195	72,000	72,000	72,000	0%
Outside Services	262,754	425,000	425,000	425,000	0%
Seminars & Meetings	0	1,000	1,000	1,000	0%
Administrative & General	130,644	3,000	3,000	3,000	0%
MID Equipment	0	0	0	0	0%
Totals	1,726,463	2,172,484	2,152,204	2,162,800	-1%

Project Description: Design and testing of new energy efficiency and low income programs, project tracking reporting, budgeting customer energy consumption issues, interface with vendors and customers, business customers, and government agencies as well as contract management. Promotion of CARES, coordination of Medical Life Support program, Energy 411, and coordination of low income agencies.

Notes: Outside Services: weatherization funding for low income. A&G: literature for programs.

Applicable Policy: Low income weatherization services mandated by AB-1890

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX763

Department: 5065 Energy Services
Project Title: PRJ - Energy Management

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	687,709	951,130	668,111	672,410	-30%
Materials & Supplies	11,383	26,000	26,000	26,000	0%
Outside Services	74,224	233,000	233,000	233,000	0%
Seminars & Meetings	0	1,200	1,200	1,200	0%
Administrative & General	1,574,704	2,610,000	2,610,000	2,610,000	0%
MID Equipment	212	3,000	3,000	3,000	0%
Totals	2,348,232	3,824,330	3,541,311	3,545,610	-7%

Project Description: Direct interaction with residential and small business customers through energy audits, rate analysis, and public events. Rebate program promotion qualification inspection.

Notes: A&G: energy efficiency rebates based on MID goals. Outside Services: energy efficiency monitoring and verification study contracts; Increase due to Automated Energy Load Profiling Tool, Contract Energy Efficiency Engineering, and CMUA Energy Efficiency Programs cost-share.

2023 O&M Budget Project Detail

Division: FINANCE DIVISION
Project Number: 3XX764

Department: 5065 Energy Services
Project Title: PRJ - Solar Photovoltaic PBI

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	379,289	150,000	150,000	150,000	0%
MID Equipment	0	0	0	0	0%
Totals	379,289	150,000	150,000	150,000	0%

Project Description: Funding for rebate incentives and monitoring and verification associated with the SB-1 mandated programs; includes PBI only.

Notes: A&G: funding legacy performance solar rebates. Decrease due to solar PBI contracts phasing out.

Other Expenses

O&M

2023 O&M Budget Division Summary

OM - OTHER EXPENSES DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX954 PRJ - Claims/Other Write Offs	543,232	631,100	641,100	651,100	1.6%
3XX958 PRJ - Don Pedro Rec Agency Expense	724,932	705,247	726,405	748,197	3.0%
3XX959 PRJ - Electric Retail Write Offs	10,214,625	2,300,000	2,300,000	2,300,000	0.0%
3XX960 PRJ - Insurance	2,185,475	2,642,296	3,144,981	3,657,680	19.0%
3XX966 PRJ - Permission and Municipal Fees	579,913	600,000	600,000	600,000	0.0%
3XX967 PRJ - Retiree Medical Expense	13,486,674	10,306,552	10,330,698	10,566,362	0.2%
3XX968 PRJ - Warehouse Sales Cost	33,246	5,000	5,000	5,000	0.0%
3XX969 PRJ - WBO Costs	2,142,675	1,375,000	1,375,000	1,375,000	0.0%
OM - 5800 OM - Other Expense	29,910,773	18,565,195	19,123,184	19,903,339	3.0%
OM - 58 OM - OTHER EXPENSES DIVISION	\$29,910,773	\$18,565,195	\$19,123,184	\$19,903,339	3.0%

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX954

Department: 5800 Other Expense
Project Title: PRJ - Claims/Other Write Offs

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	543,232	631,100	641,100	651,100	2%
MID Equipment	0	0	0	0	0%
Totals	543,232	631,100	641,100	651,100	2%

Project Description: This project includes miscellaneous costs associated with uninsured incidents i.e. pole accidents, substation theft.

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX958

Department: 5800 Other Expense
Project Title: PRJ - Don Pedro Rec Agency Expense

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	724,932	705,247	726,405	748,197	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	724,932	705,247	726,405	748,197	3%

Project Description: MID portion of operating costs associated with Don Pedro Recreation Agency shared with TID and CCSF.

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX959

Department: 5800 Other Expense
Project Title: PRJ - Electric Retail Write Offs

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Income & Expense	19,660	0	0	0	0%
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	10,194,965	2,300,000	2,300,000	2,300,000	0%
MID Equipment	0	0	0	0	0%
Totals	10,214,625	2,300,000	2,300,000	2,300,000	0%

Project Description: Costs associated with uncollectable electric service bills.

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX960

Department: 5800 Other Expense
Project Title: PRJ - Insurance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	2,185,475	2,642,296	3,144,981	3,657,680	19%
MID Equipment	0	0	0	0	0%
Totals	2,185,475	2,642,296	3,144,981	3,657,680	19%

Project Description: Insurance costs associated with District Facilities.

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX966

Department: 5800 Other Expense
Project Title: PRJ - Permission and Municipal Fees

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	579,913	600,000	600,000	600,000	0%
MID Equipment	0	0	0	0	0%
Totals	579,913	600,000	600,000	600,000	0%

Project Description: Permission fees paid to city agencies and Non-Municipal Departing Load (NMDL) charged to PG&E.

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX967

Department: 5800 Other Expense
Project Title: PRJ - Retiree Medical Expense

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	13,486,674	10,306,552	10,330,698	10,566,362	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	13,486,674	10,306,552	10,330,698	10,566,362	0%

Project Description: Costs associated with Retiree Medical Trust, other post employment benefits (OPEB).

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX968

Department: 5800 Other Expense
Project Title: PRJ - Warehouse Sales Cost

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	33,246	5,000	5,000	5,000	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	33,246	5,000	5,000	5,000	0%

Project Description: The costs associated with sales of miscellaneous inventory; Costs are offset by sales revenues.

2023 O&M Budget Project Detail

Division: OTHER EXPENSES DIVISION
Project Number: 3XX969

Department: 5800 Other Expense
Project Title: PRJ - WBO Costs

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Income & Expense	2,142,675	0	0	0	0%
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	1,375,000	1,375,000	1,375,000	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	2,142,675	1,375,000	1,375,000	1,375,000	0%

Project Description: Work Billed to Others (WBO); WBO costs associated with damaged facilities; items not covered in District Service Rules and other costs that are billed to outside parties.

Electric Resources

O&M

2023 O&M Budget Division Summary

OM - ELECTRIC RESOURCES DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX100 PRJ - Electric Resources Admin	1,978,598	500,706	777,286	793,512	55.2%
OM - 6010 OM - Electric Resources	1,978,598	500,706	777,286	793,512	55.2%
3XX110 PRJ - Electric Resources/Planning	2,315,422	3,703,669	3,748,204	3,739,018	1.2%
OM - 6020 OM - Resource Planning & Development	2,315,422	3,703,669	3,748,204	3,739,018	1.2%
3XX130 PRJ - Operations Admin	1,382,343	1,507,601	1,582,230	1,589,868	5.0%
OM - 6060 OM - Power Operations	1,382,343	1,507,601	1,582,230	1,589,868	5.0%
3XX140 PRJ - Power Scheduling	3,389,265	3,938,246	3,899,238	3,919,575	-1.0%
OM - 6062 OM - Power Scheduling	3,389,265	3,938,246	3,899,238	3,919,575	-1.0%
3XX135 PRJ - Control Center Dispatching	3,557,908	4,193,197	4,192,254	4,218,612	0.0%
OM - 6064 OM - Dispatching	3,557,908	4,193,197	4,192,254	4,218,612	0.0%
OM - 60 OM - ELECTRIC RESOURCES DIVISION	<u><u>\$12,623,535</u></u>	<u><u>\$13,843,418</u></u>	<u><u>\$14,199,211</u></u>	<u><u>\$14,260,585</u></u>	2.6%

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX100

Department: 6010 Electric Resources
Project Title: PRJ - Electric Resources Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	604,647	577,587	570,536	574,223	-1%
Labor Vacancy	0	-597,281	-590,150	-593,611	-1%
Materials & Supplies	167	1,500	1,500	1,500	0%
Outside Services	1,140,172	515,000	792,000	808,000	54%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	233,612	1,500	1,000	1,000	-33%
MID Equipment	0	2,400	2,400	2,400	0%
Totals	1,978,598	500,706	777,286	793,512	55%

Notes: Outside services costs are for BANC-related fees and project costs; includes \$300k for Extended Day Ahead Market evaluation and resource procurement activities.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX110

Department: 6020 Resource Planning & Development
Project Title: PRJ - Electric Resources/Planning

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	1,684,201	2,176,524	2,149,901	2,163,792	-1%
Materials & Supplies	4,017	4,500	4,500	4,500	0%
Outside Services	612,339	1,325,000	1,325,000	1,325,000	0%
Seminars & Meetings	5,630	4,500	4,500	4,500	0%
Administrative & General	9,235	193,145	264,303	241,226	37%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	2,315,422	3,703,669	3,748,204	3,739,018	1%

Notes: 2023 and 2024 outside services budgets include estimated smart thermostat program costs. G&A increased due to MID's share of costs for expected maintenance at WAPA's Tracy substation.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX130

Department: 6060 Power Operations
Project Title: PRJ - Operations Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	990,367	958,201	946,430	952,468	-1%
Materials & Supplies	1,143	5,800	5,800	5,800	0%
Outside Services	179,145	234,000	219,000	219,000	-6%
Seminars & Meetings	4,513	31,000	25,700	25,700	-17%
Administrative & General	207,175	276,400	383,100	384,700	39%
MID Equipment	0	2,200	2,200	2,200	0%
Totals	1,382,343	1,507,601	1,582,230	1,589,868	5%

Notes: Outside Services reduced from \$25k to \$10k. Seminars and Meetings reduced due to virtual meetings. A&G increased for Real-Time Contingency Analysis tool needed to maintain situational awareness for meeting compliance with NERC standards.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX140

Department: 6062 Power Scheduling
Project Title: PRJ - Power Scheduling

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	3,381,325	3,909,246	3,862,338	3,885,675	-1%
Materials & Supplies	3,085	5,200	3,000	3,000	-42%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	23,000	33,300	30,300	45%
Administrative & General	4,854	800	600	600	-25%
MID Equipment	0	0	0	0	0%
Totals	3,389,264	3,938,246	3,899,238	3,919,575	-1%

Project Description: The scheduling function includes the preparation of the short-term resource plan daily/hourly and real-time scheduling of energy to meet the system load requirements.

Notes: Seminar and Meetings increased due to NERC training requirements for new employees.

Applicable Policy: NERC Standard PER-005.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX135

Department: 6064 Dispatching
Project Title: PRJ - Control Center Dispatching

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	3,440,211	4,071,697	4,023,804	4,046,287	-1%
Materials & Supplies	3,845	7,100	7,100	7,100	0%
Outside Services	1,364	2,400	2,500	2,500	4%
Seminars & Meetings	294	44,300	38,850	42,725	-12%
Administrative & General	112,194	67,700	120,000	120,000	77%
MID Equipment	0	0	0	0	0%
Totals	3,557,908	4,193,197	4,192,254	4,218,612	0%

Project Description: The dispatching function provides 24 hour coverage for MID electric operations.

Notes: Seminars and Meetings reduced due to virtual trainings. A&G increased due to communication costs.

Applicable Policy: NERC Standard PER-005.

Power Supply

O&M

2023 O&M Budget Division Summary Power Supply

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX150 PRJ - Purchase Power	212,307,329	216,429,857	267,084,154	260,805,825	23.4%
PS - Purchase Power	212,307,329	216,429,857	267,084,154	260,805,825	23.4%
3XX151 PRJ - Purchase Power-Hedging	-1,754,554	0	0	0	N/A
PS - Hedging	-1,754,554	0	0	0	N/A
3XX160 PRJ - Generation Admin	788,310	860,265	850,592	855,623	-1.1%
3XX165 PRJ - Don Pedro Generation O&M	1,529,523	1,150,000	1,151,800	1,251,800	0.2%
3XX170 PRJ - New Hogan O&M	74,892	85,004	101,676	81,486	19.6%
3XX171 PRJ - Stone Drop O&M	22,731	69,248	39,292	34,434	-43.3%
3XX175 PRJ - McClure O&M	792,126	1,175,732	1,206,178	1,172,488	2.6%
3XX180 PRJ - Woodland Operations	4,208,923	4,462,724	4,439,529	4,531,166	-0.5%
3XX182 PRJ - Woodland Maintenance	9,787,846	6,485,032	5,252,396	5,444,651	-19.0%
3XX185 PRJ - Ripon O&M	1,526,446	1,961,271	1,794,214	1,798,524	-8.5%
PS - Generation O&M	18,730,796	16,249,276	14,835,676	15,170,171	-8.7%
3XX176 PRJ - McClure Fuel Expense	347,158	932,531	954,629	959,119	2.4%
3XX181 PRJ - Woodland Fuel Expense	12,647,608	16,651,076	23,605,495	23,458,484	41.8%
3XX186 PRJ - Ripon Fuel Expense	1,578,612	1,439,523	3,020,057	2,871,061	109.8%
PS - Generation Fuel	14,573,378	19,023,130	27,580,181	27,288,664	45.0%
Power Supply	\$243,856,950	\$251,702,263	\$309,500,011	\$303,264,660	23.0%

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX150

Department: 6062 Power Scheduling
Project Title: PRJ - Purchase Power

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	212,307,329	216,429,857	267,084,154	260,805,825	23%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	212,307,329	216,429,857	267,084,154	260,805,825	23%

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX160

Department: 6070 Power Generation
Project Title: PRJ - Generation Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	749,092	788,165	778,492	783,523	-1%
Materials & Supplies	527	3,000	3,000	3,000	0%
Outside Services	34,439	62,000	62,000	62,000	0%
Seminars & Meetings	1,000	0	0	0	0%
Administrative & General	3,252	5,000	5,000	5,000	0%
MID Equipment	0	2,100	2,100	2,100	0%
Totals	788,310	860,265	850,592	855,623	-1%

Project Description: Provide supervisory and administrative support to MID Power Generation Department.

Notes: 2023 will require engineering support for McClure NERC WECC testing and WGS1 upgrade project.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX165

Department: 6070 Power Generation
Project Title: PRJ - Don Pedro Generation O&M

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	1,527,796	1,150,000	1,150,000	1,250,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	1,727	0	1,800	1,800	1,800%
MID Equipment	0	0	0	0	0%
Totals	1,529,523	1,150,000	1,151,800	1,251,800	0%

Project Description: MID is responsible for 31.54% of the Don Pedro Power Plant budget.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX170

Department: 6071 McClure & Ripon Generation
Project Title: PRJ - New Hogan O&M

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	33,779	48,615	48,019	48,329	-1%
Materials & Supplies	9,665	3,866	5,000	5,000	29%
Outside Services	20,382	3,866	20,000	4,500	417%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	8,897	25,000	25,000	20,000	0%
MID Equipment	2,169	3,657	3,657	3,657	0%
Totals	74,892	85,004	101,676	81,486	20%

Project Description: New Hogan Generation Station supplies the ISO for the District's benefit up to 3.3 MWs of hydro generation with two hydraulic turbine generators from the New Hogan Reservoir.

Notes: Added \$11k for Dam trash rack inspection to Materials and Outside Services.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX171

Department: 6071 McClure & Ripon Generation
Project Title: PRJ - Stone Drop O&M

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	14,591	22,363	22,089	22,231	-1%
Materials & Supplies	845	24,182	2,500	2,500	-90%
Outside Services	1,344	15,500	7,500	2,500	-52%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	5,264	5,910	5,910	5,910	0%
MID Equipment	686	1,293	1,293	1,293	0%
Totals	22,730	69,248	39,292	34,434	-43%

Project Description: Stone Drop Generation Station supplies the District with up to 290 kW of hydro generation (green energy) from one hydraulic turbine generator.

Notes: Repairs were made over the last two years. Reduced budget back to pre-repair.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX175

Department: 6071 McClure & Ripon Generation
Project Title: PRJ - McClure O&M

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	449,550	812,660	803,180	807,400	-1%
Materials & Supplies	183,443	153,000	160,000	155,000	5%
Outside Services	94,170	102,074	135,000	102,000	32%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	64,827	105,000	105,000	105,000	0%
MID Equipment	135	2,998	2,998	3,088	0%
Totals	792,125	1,175,732	1,206,178	1,172,488	3%

Project Description: McClure Generation Station supplies the District with 120 MWs of internal peak power generation from two combustion turbine generators.

Notes: Adding \$40k to Outside Service for WECC testing.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX180

Department: 6072 Woodland Generation
Project Title: PRJ - Woodland Operations

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	3,135,409	3,099,974	3,063,529	3,080,166	-1%
Materials & Supplies	724,419	903,300	936,000	1,006,000	4%
Outside Services	199,672	204,750	210,000	215,000	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	149,422	254,700	230,000	230,000	-10%
MID Equipment	0	0	0	0	0%
Totals	4,208,922	4,462,724	4,439,529	4,531,166	-1%

Project Description: Provide Operations for the Woodland Generation Station Plant to maintain reliability of electric supply.

Notes: Increase in Materials due to increased chemical costs (Ammonia, Boiler and water treatment). Increase in Outside services due to increase in Sewer and Water charges.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX182

Department: 6072 Woodland Generation
Project Title: PRJ - Woodland Maintenance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,690,307	2,117,450	2,092,146	2,104,401	-1%
Materials & Supplies	1,150,925	1,470,000	1,033,000	1,150,000	-30%
Outside Services	6,891,606	2,866,832	2,087,000	2,150,000	-27%
Seminars & Meetings	314	0	0	0	0%
Administrative & General	52,253	25,750	35,250	35,250	37%
MID Equipment	2,441	5,000	5,000	5,000	0%
Totals	9,787,846	6,485,032	5,252,396	5,444,651	-19%

Project Description: Provide maintenance for the Woodland Generation Station plant to maintain reliability of electric supply.

Notes: Reduced overall budget by 18%. This reduction is due to no overhauls scheduled for 2023 therefore Materials & Supplies has decreased 30% and Outside Service decreased 27% from previous year. Increase in Administrative costs due to Sewer and Water prices.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX185

Department: 6071 McClure & Ripon Generation
Project Title: PRJ - Ripon O&M

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,040,767	1,326,901	1,311,214	1,318,524	-1%
Materials & Supplies	294,717	217,000	217,000	239,000	0%
Outside Services	154,386	359,370	225,000	200,000	-37%
Seminars & Meetings	145	0	0	0	0%
Administrative & General	36,430	55,000	38,000	38,000	-31%
MID Equipment	0	3,000	3,000	3,000	0%
Totals	1,526,445	1,961,271	1,794,214	1,798,524	-9%

Project Description: Ripon Generation Station supplies the District with up to 100 MW of internal peak power generation from two combustion generators.

Notes: Reduced overall budget by 6%. EIM did not run units as much as anticipated which reduced planned Outside Services.

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX176

Department: 6071 McClure & Ripon Generation
Project Title: PRJ - McClure Fuel Expense

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	347,158	932,531	954,629	959,119	2%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	347,158	932,531	954,629	959,119	2%

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX181

Department: 6072 Woodland Generation
Project Title: PRJ - Woodland Fuel Expense

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	12,647,608	16,651,076	23,605,495	23,458,484	42%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	12,647,608	16,651,076	23,605,495	23,458,484	42%

2023 O&M Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 3XX186

Department: 6071 McClure & Ripon Generation
Project Title: PRJ - Ripon Fuel Expense

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	1,578,612	1,439,523	3,020,057	2,871,061	110%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	1,578,612	1,439,523	3,020,057	2,871,061	110%

Transmission & Distribution O&M

2023 O&M Budget Division Summary

OM - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX200 PRJ - Transmission & Dist Admin	634,753	147,623	37,153	-33,289	-74.8%
OM - 7010 OM - Electric Trans & Dist.	634,753	147,623	37,153	-33,289	-74.8%
3XX210 PRJ - General Engineering	809,605	1,081,148	1,071,814	1,078,688	-0.9%
3XX211 PRJ - Trans/Dist Planning	638,294	338,288	385,589	388,072	14.0%
3XX212 PRJ - Trans/Dist Engineering	611,710	637,903	723,378	727,848	13.4%
3XX213 PRJ - Substation Engineering	498,650	663,518	485,895	488,987	-26.8%
3XX214 PRJ - Mapping/Records	732,923	906,141	884,165	889,833	-2.4%
OM - 7020 OM - Electric Engineering	3,291,182	3,626,997	3,550,841	3,573,429	-2.1%
3XX220 PRJ - Trouble General Maintenance	2,362,273	2,437,681	2,703,216	2,745,039	10.9%
3XX221 PRJ - Turn-on/Turn-off	4,857	20,456	23,085	23,132	12.9%
3XX222 PRJ - Street Lighting	64,741	99,940	105,620	105,981	5.7%
3XX223 PRJ - Vegetation Management	3,549,986	3,949,700	4,540,406	4,680,629	15.0%
3XX224 PRJ - Trouble Administration	440,937	484,769	531,042	534,253	9.5%
3XX225 PRJ - Inspections	434,221	555,806	623,569	627,810	12.2%
OM - 7052 OM - Trouble	6,857,016	7,548,352	8,526,937	8,716,844	13.0%
3XX280 PRJ - Line Construction Admin	1,575,865	1,586,791	1,709,501	1,719,412	7.7%
3XX281 PRJ - LC Overhead Transmission	68,098	250,305	278,127	285,225	11.1%
3XX282 PRJ - LC Overhead Distrib Maint	1,703,767	1,360,744	1,541,211	1,548,417	13.3%
3XX283 PRJ - Line Construction General	870,934	1,316,629	1,452,804	1,460,410	10.3%
3XX284 PRJ - LC Underground Distribution	1,691,456	1,602,692	1,848,576	1,858,553	15.3%
3XX285 PRJ - Insulating Equipment	23,237	33,600	33,000	33,000	-1.8%
OM - 7072 OM - Line Construction	5,933,357	6,150,761	6,863,219	6,905,017	11.6%
3XX250 PRJ - Substation	1,029,149	963,860	1,007,578	1,011,651	4.5%
3XX251 PRJ - Transmission Substation	1,092,347	2,908,080	2,498,971	2,549,663	-14.1%
3XX252 PRJ - Distribution Substation	3,596,452	3,614,110	4,112,278	4,169,973	13.8%
3XX253 PRJ - Maintenance of Relays	667,079	1,034,931	777,452	781,085	-24.9%

2023 O&M Budget Division Summary

OM - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX254 PRJ - Westley Station	101,414	230,933	245,616	246,657	6.4%
3XX255 PRJ - Westley Station CIP	5,791	17,024	28,192	28,325	65.6%
OM - 7082 OM - Substation	6,492,233	8,768,938	8,670,088	8,787,354	-1.1%
3XX260 PRJ - Meter Transformer	462,861	563,122	552,948	556,442	-1.8%
3XX261 PRJ - Meter Maintenance	1,894,101	2,332,467	2,253,327	1,944,462	-3.4%
3XX262 PRJ - Transformer Maintenance	282,208	285,150	282,037	283,597	-1.1%
3XX264 PRJ - LM Receiver Maintenance	1,234	31,902	31,501	31,695	-1.3%
OM - 7084 OM - Meter/Transformer	2,640,404	3,212,641	3,119,813	2,816,196	-2.9%
OM - 70 OM - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION	\$25,848,944	\$29,455,312	\$30,768,051	\$30,765,551	4.5%

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX200

Department: 7010 Electric Trans & Dist.
Project Title: PRJ - Transmission & Dist Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	632,237	1,059,378	1,028,752	1,035,347	-3%
Labor Vacancy	0	-917,855	-997,700	-1,074,736	9%
Materials & Supplies	642	1,000	900	900	-10%
Outside Services	0	0	0	0	0%
Seminars & Meetings	182	3,000	3,000	3,000	0%
Administrative & General	1,678	1,600	1,800	1,800	13%
MID Equipment	13	500	400	400	-20%
Totals	634,752	147,623	37,152	-33,289	-75%

Project Description: General management account for the maintenance and operation of the District's electric transmission and distribution system.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX210

Department: 7020 Electric Engineering
Project Title: PRJ - General Engineering

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	766,845	763,548	754,214	759,088	-1%
Materials & Supplies	2,902	11,600	11,600	11,600	0%
Outside Services	34,404	300,000	300,000	300,000	0%
Seminars & Meetings	3,474	6,000	6,000	6,000	0%
Administrative & General	1,980	0	0	2,000	0%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	809,605	1,081,148	1,071,814	1,078,688	-1%

Project Description: Operations and Maintenance account to address general engineering functions, the supervision and management of T&D projects, and NERC related functions.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX211

Department: 7020 Electric Engineering
Project Title: PRJ - Trans/Dist Planning

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	547,894	338,288	385,589	388,072	14%
Materials & Supplies	0	0	0	0	0%
Outside Services	90,400	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	638,294	338,288	385,589	388,072	14%

Project Description: Operations and Maintenance account to address the Transmission and Distribution Planning functions of the MID system, T&D budgeting, and NERC related functions.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX212

Department: 7020 Electric Engineering
Project Title: PRJ - Trans/Dist Engineering

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	576,357	613,403	698,878	703,348	14%
Materials & Supplies	1,182	500	500	500	0%
Outside Services	10,770	0	0	0	0%
Seminars & Meetings	1,282	0	0	0	0%
Administrative & General	21,386	21,500	22,000	22,000	2%
MID Equipment	733	2,500	2,000	2,000	-20%
Totals	611,710	637,903	723,378	727,848	13%

Project Description: Operations and Maintenance account to address the specific engineering functions related to equipment and construction, field support, and new business engineering.

Notes: Equipment: decreased to align with actual expenses from previous years.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX213

Department: 7020 Electric Engineering
Project Title: PRJ - Substation Engineering

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	496,958	661,718	484,595	487,687	-27%
Materials & Supplies	462	500	500	500	0%
Outside Services	0	500	0	0	-100%
Seminars & Meetings	1,195	0	0	0	0%
Administrative & General	0	300	300	300	0%
MID Equipment	<u>35</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>0%</u>
Totals	498,650	663,518	485,895	488,987	-27%

Project Description: Operations and Maintenance account to address substation engineering functions related to substation field support and maintenance of substation equipment and NERC related functions.

Notes: Outside Services: decreased due to FR shirts and coveralls not used by Engineers and Engineering Techs.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX214

Department: 7020 Electric Engineering
Project Title: PRJ - Mapping/Records

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	728,784	899,141	877,165	882,833	-2%
Materials & Supplies	177	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	3,962	6,000	6,000	6,000	0%
MID Equipment	0	1,000	1,000	1,000	0%
Totals	732,923	906,141	884,165	889,833	-2%

Project Description: Operations and Maintenance account to address the mapping and record keeping functions of the T&D system.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX220

Department: 7052 Trouble
Project Title: PRJ - Trouble General Maintenance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,839,851	1,934,066	2,199,726	2,208,949	14%
Materials & Supplies	107,790	76,240	73,100	92,700	-4%
Outside Services	11,580	14,935	15,000	15,500	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	-515	440	390	390	-11%
MID Equipment	403,568	412,000	415,000	427,500	1%
Totals	2,362,274	2,437,681	2,703,216	2,745,039	11%

Project Description: This account is for tracking line patrols, NERC FAC.003-4, CPUC G.O. #165 patrols and inspections, storm duty, trouble calls, switching and general overhead and underground repairs and maintenance.

Notes: No significant changes.

Applicable Policy: NERC Standard FAC-003 and MID Operating Bulletins 27 and 42.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX221

Department: 7052 Trouble
Project Title: PRJ - Turn-on/Turn-off

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	3,556	18,786	21,385	21,432	14%
Materials & Supplies	409	270	300	300	11%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	893	1,400	1,400	1,400	0%
Totals	4,858	20,456	23,085	23,132	13%

Project Description: This account is used for assisting Customer Service with turn ons and turn offs.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX222

Department: 7052 Trouble
Project Title: PRJ - Street Lighting

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	36,737	53,340	60,620	60,981	14%
Materials & Supplies	17,818	28,400	27,000	27,000	-5%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	<u>10,186</u>	<u>18,200</u>	<u>18,000</u>	<u>18,000</u>	<u>-1%</u>
Totals	64,741	99,940	105,620	105,981	6%

Project Description: This account is used for all street light and Dusk to Dawn light repairs and replacements.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX223

Department: 7052 Trouble
Project Title: PRJ - Vegetation Management

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	26,493	46,955	53,406	53,629	14%
Materials & Supplies	0	1,440	1,200	1,200	-17%
Outside Services	3,516,659	3,896,000	4,480,000	4,620,000	15%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	6,834	5,305	5,800	5,800	9%
Totals	3,549,986	3,949,700	4,540,406	4,680,629	15%

Project Description: This account is for tree trimming activities including the contract for Line Clearance tree trimming to ensure compliance with regulatory requirements and industry standards.

Notes: Outside Services: increased due to state mandated increases to LCTT wages. Also adding one, 2-person tree crew to address shortfalls in vegetation management.

Applicable Policy: NERC Standard FAC-003 and MID Operating Bulletin 37.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX224

Department: 7052 Trouble
Project Title: PRJ - Trouble Administration

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	430,045	470,989	517,442	520,653	10%
Materials & Supplies	4,658	4,000	4,000	4,000	0%
Outside Services	4,419	5,150	5,000	5,000	-3%
Seminars & Meetings	0	630	600	600	-5%
Administrative & General	0	0	0	0	0%
MID Equipment	1,815	4,000	4,000	4,000	0%
Totals	440,937	484,769	531,042	534,253	10%

Project Description: This account covers Trouble Department Supervisor, Service Center Rep and Fire Retardant clothing.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX225

Department: 7052 Trouble
Project Title: PRJ - Inspections

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	392,884	500,606	568,269	571,810	14%
Materials & Supplies	23,021	26,600	27,300	28,000	3%
Outside Services	2,880	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	15,435	28,600	28,000	28,000	-2%
Totals	434,220	555,806	623,569	627,810	12%

Project Description: This account is for tracking costs associated with CPUC asset inspections including Subsurface Transformers, Pad Mount Transformers, Junction Boxes and the downtown vaults. Overhead pole inspections are performed by the Troubleshooters and their labor and material is budgeted in 3XX220. This account also includes some two-man maintenance projects performed to correct items found while performing inspections.

Notes: No significant changes.

Applicable Policy: CPUC General Order #165 requiring C.O. #95 and #128 compliance inspections of utility facilities on a regular and ongoing basis.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX280

Department: 7072 Line Construction
Project Title: PRJ - Line Construction Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,479,772	1,499,291	1,621,501	1,631,412	8%
Materials & Supplies	39,672	29,800	31,000	31,000	4%
Outside Services	35,254	42,000	42,000	42,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	7,215	600	0	0	-100%
MID Equipment	13,953	15,100	15,000	15,000	-1%
Totals	1,575,866	1,586,791	1,709,501	1,719,412	8%

Project Description: Line Construction Administration provides overall direction and coordination of the installation and maintenance of projects and activities assigned by the Transmission and Distribution Division.

Notes: A&G: decreased due to phone charges that are no longer applicable.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX281

Department: 7072 Line Construction
Project Title: PRJ - LC Overhead Transmission

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	49,983	206,030	234,177	235,275	14%
Materials & Supplies	71	19,200	19,000	19,000	-1%
Outside Services	0	4,400	4,400	4,400	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	16,544	16,575	16,550	22,550	0%
MID Equipment	1,499	4,100	4,000	4,000	-2%
Totals	68,097	250,305	278,127	285,225	11%

Project Description: Overhead Transmission Maintenance is for routine and emergency maintenance incurred on 230kV, 115kV, and 69kV overhead lines.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX282

Department: 7072 Line Construction
Project Title: PRJ - LC Overhead Distrib Maint

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,556,607	1,216,644	1,390,111	1,397,317	14%
Materials & Supplies	85,486	72,000	78,000	78,000	8%
Outside Services	0	4,000	4,000	4,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	1,076	1,100	1,100	1,100	0%
MID Equipment	60,598	67,000	68,000	68,000	1%
Totals	1,703,767	1,360,744	1,541,211	1,548,417	13%

Project Description: Overhead Distribution Maintenance is for routine and emergency maintenance incurred on 21kV, 17kV, 12kV, and low voltage overhead lines.

Notes: Materials & Supplies: increased to align with actuals.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX283

Department: 7072 Line Construction
Project Title: PRJ - Line Construction General

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	599,679	1,060,829	1,212,304	1,219,910	14%
Materials & Supplies	266,026	250,200	235,000	235,000	-6%
Outside Services	989	1,000	1,000	1,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	4,241	4,600	4,500	4,500	-2%
Totals	870,935	1,316,629	1,452,804	1,460,410	10%

Project Description: Line Construction General is for providing tools, safety equipment, training, and maintenance on equipment for the Line Construction Department.

Notes: Materials & Supplies: decrease in small tools for transmission phasing set tool budgeted as Capital in 2022.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX284

Department: 7072 Line Construction
Project Title: PRJ - LC Underground Distribution

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,528,004	1,461,292	1,643,176	1,652,153	12%
Materials & Supplies	74,191	80,000	85,000	86,000	6%
Outside Services	3,468	4,000	4,000	4,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	29,951	29,300	66,400	66,400	127%
MID Equipment	55,841	28,100	50,000	50,000	78%
Totals	1,691,455	1,602,692	1,848,576	1,858,553	15%

Project Description: Underground Distribution Maintenance is for routine and emergency maintenance incurred on 21kV, 17kV, 12kV, 6.9kV, and low voltage underground lines.

Notes: Materials & Supplies: increased due to USA tags, primary and secondary faults. A&G: increased due to USA fees starting to be charged in 2022 and beyond. MID Equipment: increased due to addition of third locator.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX285

Department: 7072 Line Construction
Project Title: PRJ - Insulating Equipment

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	7,828	14,000	14,000	14,000	0%
Outside Services	15,409	19,600	19,000	19,000	-3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	23,237	33,600	33,000	33,000	-2%

Project Description: Insulating Equipment is for providing rubber gloves, rubber blankets, and plastic insulating equipment for the Line Construction Department to operate the electric system safely.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX250

Department: 7082 Substation
Project Title: PRJ - Substation

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	677,245	647,110	639,228	643,301	-1%
Materials & Supplies	3,770	8,300	23,250	23,250	180%
Outside Services	18,097	17,850	18,500	18,500	4%
Seminars & Meetings	0	800	2,500	2,500	213%
Administrative & General	325,467	280,200	319,100	319,100	14%
MID Equipment	4,570	9,600	5,000	5,000	-48%
Totals	1,029,149	963,860	1,007,578	1,011,651	5%

Project Description: The Substation Administration office provides maintenance and project planning through the direction of Substation personnel and coordination with other departments and various government entities.

Notes: Materials & Supplies: budget moved from 3xx251 & 3xx252 to this account to track repairs and calibration of substation test equipment. Seminars & Meetings: combined budgets from 3xx251 & 3xx252 and moved to this account. A&G: increased due to new Codoni Station and previously Oregon Station. Equipment: decreased to align with actuals.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX251

Department: 7082 Substation
Project Title: PRJ - Transmission Substation

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	806,573	2,295,680	1,914,271	1,964,963	-17%
Materials & Supplies	78,293	169,400	149,200	149,200	-12%
Outside Services	199,403	420,000	420,000	420,000	0%
Seminars & Meetings	0	2,500	0	0	-100%
Administrative & General	0	500	500	500	0%
MID Equipment	8,079	20,000	15,000	15,000	-25%
Totals	1,092,348	2,908,080	2,498,971	2,549,663	-14%

Project Description: The Transmission Substation Operations account manages the scheduled maintenance of all transmission equipment and transmission substations to comply with FERC/NERC Regulations and associated MID Operating Bulletins.

Notes: Labor: decreased due to 1.75 FTE Electrician Apprentice & Electrician (each) and 0.57 FTE Crew Leader held out for Capital projects. Materials & Supplies: removed 215 (Outside Repairs) budget and moved to account 3xx250. Seminars & Meetings: moved to account 3xx250.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX252

Department: 7082 Substation
Project Title: PRJ - Distribution Substation

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	2,762,688	2,644,260	3,131,278	3,188,973	18%
Materials & Supplies	353,715	335,150	347,000	347,000	4%
Outside Services	453,314	600,000	600,000	600,000	0%
Seminars & Meetings	0	1,500	0	0	-100%
Administrative & General	0	2,000	2,000	2,000	0%
MID Equipment	26,735	31,200	32,000	32,000	3%
Totals	3,596,452	3,614,110	4,112,278	4,169,973	14%

Project Description: The Distribution Substation Operations account manages the scheduled maintenance of all distribution equipment and distribution substations to comply with FERC/NERC Regulations and associated MID Operating Bulletins.

Notes: Materials & Supplies: removed 215 (Repairs-Outside) budget and moved to account 3xx250. Seminars & Meetings: moved to account 3xx250.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX253

Department: 7082 Substation
Project Title: PRJ - Maintenance of Relays

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	640,444	628,231	620,752	624,385	-1%
Materials & Supplies	13,003	20,700	20,700	20,700	0%
Outside Services	6,480	375,000	125,000	125,000	-67%
Seminars & Meetings	316	2,500	2,500	2,500	0%
Administrative & General	0	0	0	0	0%
MID Equipment	6,836	8,500	8,500	8,500	0%
Totals	667,079	1,034,931	777,452	781,085	-25%

Project Description: The Maintenance of Relays account manages the scheduled maintenance and testing of all protective relay devices within all the Substations to stay compliant with FERC/NERC regulations and associated MID Operating Bulletins.

Notes: Labor: decreased due to 0.7 FTE Relay Tech and 0.25 FTE Relay Tech Sr held out for Capital projects.
 Outside Services: decreased as relay maintenance contractors not needed for 2023.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX254

Department: 7082 Substation
Project Title: PRJ - Westley Station

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	163,655	139,133	185,216	186,257	33%
Materials & Supplies	12,443	20,000	20,000	20,000	0%
Outside Services	-83,587	43,000	25,000	25,000	-42%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	5,192	24,800	11,400	11,400	-54%
MID Equipment	3,712	4,000	4,000	4,000	0%
Totals	101,415	230,933	245,616	246,657	6%

Project Description: The Westley Switchyard Operations & Maintenance account manages the scheduled maintenance of all Westley equipment / facilities to comply with FERC/NERC Regulations and associated MID Operating Bulletins.

Notes: Outside Services: adjusted to account for actuals including annual dry wash. A&G: adjusted to reflect actuals.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX255

Department: 7082 Substation
Project Title: PRJ - Westley Station CIP

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	4,081	9,524	20,692	20,825	117%
Materials & Supplies	12	0	0	0	0%
Outside Services	1,697	7,500	7,500	7,500	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	5,790	17,024	28,192	28,325	66%

Project Description: The Westley Switchyard CIP account manages the scheduled CIP related meetings for Westley to comply with FERC/NERC Regulations.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX260

Department: 7084 Meter/Transformer
Project Title: PRJ - Meter Transformer

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	462,295	551,572	544,373	547,867	-1%
Materials & Supplies	120	4,500	1,300	1,300	-71%
Outside Services	0	6,000	6,000	6,000	0%
Seminars & Meetings	54	0	0	0	0%
Administrative & General	200	250	475	475	90%
MID Equipment	192	800	800	800	0%
Totals	462,861	563,122	552,948	556,442	-2%

Project Description: Supervision of all department activities including budgeting, evaluating, coordinating, and employee development. Ensure compliance of the District Electric Service Guides and Rules and ensure compliance of the District Safety program.

Notes: Materials & Supplies: decreased due to budgeting for replacement of office chairs in 2022. A&G: increased in dues for memberships.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX261

Department: 7084 Meter/Transformer
Project Title: PRJ - Meter Maintenance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,837,743	2,239,867	2,168,602	1,859,737	-3%
Materials & Supplies	30,383	51,600	43,725	43,725	-15%
Outside Services	7,193	11,000	11,000	11,000	0%
Seminars & Meetings	21	0	0	0	0%
Administrative & General	4,259	0	0	0	0%
MID Equipment	14,501	30,000	30,000	30,000	0%
Totals	1,894,100	2,332,467	2,253,327	1,944,462	-3%

Project Description: Maintenance of revenue metering including general field maintenance, scheduled and unscheduled field tests, shop tests, training and safety, instrument tests, and capacitor maintenance.

Notes: Materials & Supplies: decreased to align with actuals.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX262

Department: 7084 Meter/Transformer
Project Title: PRJ - Transformer Maintenance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	268,457	247,795	244,387	245,947	-1%
Materials & Supplies	9,120	30,105	30,400	30,400	1%
Outside Services	4,504	7,000	7,000	7,000	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	128	250	250	250	0%
Totals	282,209	285,150	282,037	283,597	-1%

Project Description: Used for maintenance of distribution transformer including oil disposal and tracking - testing and repair.

Notes: No significant changes.

2023 O&M Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 3XX264

Department: 7084 Meter/Transformer
Project Title: PRJ - LM Receiver Maintenance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,234	31,402	31,001	31,195	-1%
Materials & Supplies	0	300	300	300	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	200	200	200	0%
Totals	1,234	31,902	31,501	31,695	-1%

Project Description: Install and maintain receivers for the Shave The Energy Peak (STEP) programs. Interact with customers requesting STEP or those with questions or problems.

Notes: No changes.

Water Operations

O&M

2023 O&M Budget Division Summary

OM - WATER OPERATIONS DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX400 PRJ - Water Operations Admin	430,265	307,720	305,675	308,829	-0.7%
3XX401 PRJ - Water Rights	567,091	650,000	669,500	689,585	3.0%
3XX403 PRJ - Irrigation System Improvements	66,991	500,000	240,000	130,450	-52.0%
3XX420 PRJ - LaGrange Water System	274,841	153,500	158,105	162,848	3.0%
OM - 8010 OM - Water Operations Department	1,339,188	1,611,220	1,373,280	1,291,713	-14.8%
3XX410 PRJ - Civil Engineering	903,812	1,129,495	1,116,487	1,124,120	-1.2%
3XX411 PRJ - Surveying	412,292	599,231	592,482	596,634	-1.1%
3XX412 PRJ - Conservation Improvements	104,367	212,370	216,531	221,809	2.0%
3XX413 PRJ - Water Measurement	26,631	42,028	41,536	41,800	-1.2%
OM - 8020 OM - Civil Engineering	1,447,102	1,983,123	1,967,036	1,984,363	-0.8%
3XX421 PRJ - Water Data & Analysis	146,780	135,456	135,205	136,875	-0.2%
3XX422 PRJ - Ground Water Management	17,884	208,614	210,459	214,342	0.9%
3XX423 PRJ - Don Pedro Watershed	350,553	518,460	525,080	535,910	1.3%
OM - 8030 OM - Water Resources	515,217	862,529	870,745	887,127	1.0%
3XX430 PRJ - Irrigation Admin	532,520	547,643	542,053	537,371	-1.0%
3XX440 PRJ - Irrigation Services	2,009,038	2,160,552	2,134,600	2,143,072	-1.2%
3XX441 PRJ - La Grange	120,213	101,369	139,329	141,505	37.4%
3XX442 PRJ - Upper Main Canal	187,356	257,263	239,174	257,673	-7.0%
3XX443 PRJ - Modesto Reservoir	213,065	219,345	220,164	222,065	0.4%
3XX444 PRJ - Pumps	1,449,065	930,770	1,541,103	1,580,494	65.6%
3XX450 PRJ - Laterals and Ditches	2,717,501	3,147,480	3,149,326	3,186,975	0.1%
3XX451 PRJ - Gunite	1,110,096	1,145,108	1,247,366	1,271,997	8.9%
3XX452 PRJ - Irrigation Pipelines	344,805	246,629	334,897	335,694	35.8%
3XX453 PRJ - Structures	52,677	93,136	69,079	68,369	-25.8%
3XX454 PRJ - Weed & Moss Control	1,142,999	1,279,798	1,353,413	1,364,983	5.8%
3XX455 PRJ - Landscaping	250,304	290,303	273,239	276,418	-5.9%

2023 O&M Budget Division Summary

OM - WATER OPERATIONS DIVISION

	2021	2022	2023 Adopted	2024 Proposed	% Change Prev. Budget to Current Budget
	Actual	Budget	Budget	Budget	
OM - 8040 OM - Irrigation Services	<u>10,129,639</u>	<u>10,419,395</u>	<u>11,243,744</u>	<u>11,386,615</u>	7.9%
OM - 80 OM - WATER OPERATIONS DIVISION	<u><u>\$13,431,146</u></u>	<u><u>\$14,876,267</u></u>	<u><u>\$15,454,804</u></u>	<u><u>\$15,549,817</u></u>	3.9%

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX400

Department: 8010 Water Operations Department
Project Title: PRJ - Water Operations Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	421,159	579,687	572,829	576,530	-1%
Labor Vacancy	0	-308,967	-305,219	-306,955	-1%
Materials & Supplies	700	5,000	5,105	5,305	2%
Outside Services	6,792	15,000	15,450	15,913	3%
Seminars & Meetings	725	10,000	10,300	10,609	3%
Administrative & General	888	2,000	2,060	2,122	3%
MID Equipment	0	5,000	5,150	5,305	3%
Totals	430,264	307,720	305,675	308,829	-1%

Project Description: Water Operations Division administrative costs.

Notes: Materials and supplies accounts for materials and supplies for the downtown Water Operations Division. Outside services accounts for use of ABS Presort for Water Operations Division mailings.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX401

Department: 8010 Water Operations Department
Project Title: PRJ - Water Rights

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	367,091	500,000	515,000	530,450	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	200,000	150,000	154,500	159,135	3%
MID Equipment	0	0	0	0	0%
Totals	567,091	650,000	669,500	689,585	3%

Project Description: MID water rights protection and FERC license fisheries management.

Notes: Protection of surface water rights on the Tuolumne River, TID/MID fish studies, water rights consultant, State Water Resources Control Board water rights license fees and San Joaquin Tributaries Authority annual cash call.

Applicable Policy: MID Business Plan and 1996 and 2008 FERC orders.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX403

Department: 8010 Water Operations Department
Project Title: PRJ - Irrigation System Improvements

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	66,991	500,000	240,000	130,450	-52%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	0	0	0	0	0%
Totals	66,991	500,000	240,000	130,450	-52%

Project Description: Irrigation system improvements.

Notes: Includes ongoing work with engineering consultants; consultant support for water modeling; legal; engineering design; environmental studies, upper system Geotech, lateral 3/7 reservoir Geotech and Modesto Reservoir Employee Assistance Program. Generally reflects planning and implementation of Comprehensive Water Resources Management Plan and get ahead engineering.

Applicable Policy: System design & operational strategies.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX420

Department: 8010 Water Operations Department
Project Title: PRJ - LaGrange Water System

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	274,841	153,500	158,105	162,848	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	274,841	153,500	158,105	162,848	3%

Project Description: La Grange Domestic Water Project

Notes: Operation and maintenance of the La Grange Domestic Water Project per agreement with TID. Filter media replacement will be done in 2022 and accounts for the 50% increase.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX410

Department: 8020 Civil Engineering
Project Title: PRJ - Civil Engineering

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	901,325	1,111,344	1,097,792	1,104,864	-1%
Materials & Supplies	491	5,402	5,564	5,731	3%
Outside Services	0	0	0	0	0%
Seminars & Meetings	27	6,954	7,162	7,377	3%
Administrative & General	700	1,738	1,790	1,844	3%
MID Equipment	1,269	4,057	4,179	4,304	3%
Totals	903,812	1,129,495	1,116,487	1,124,120	-1%

Project Description: Provide civil engineering design and review.

Notes: Provided civil design, review and inspection on MID irrigation projects and facilities.

Applicable Policy: In-house civil engineering design and/or review is required on all MID construction related projects in order to ensure District facilities meet applicable design performance criteria and all local, state and federal construction codes.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX411

Department: 8020 Civil Engineering
Project Title: PRJ - Surveying

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	407,609	585,394	578,230	581,954	-1%
Materials & Supplies	3,183	4,000	4,120	4,244	3%
Outside Services	1,500	2,000	2,060	2,122	3%
Seminars & Meetings	0	1,093	1,126	1,160	3%
Administrative & General	0	2,500	2,575	2,652	3%
MID Equipment	0	4,244	4,371	4,502	3%
Totals	412,292	599,231	592,482	596,634	-1%

Project Description: Provide surveying services for Water Operations design and construction work.

Notes: Outside Services: Stanislaus County fees for filing records of surveys.

Applicable Policy: Survey is required for the design and construction of all new irrigation facilities and in acquiring rights-of-way for the placements of many of these new facilities.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX412

Department: 8020 Civil Engineering
Project Title: PRJ - Conservation Improvements

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	0	52,370	51,731	52,065	-1%
Materials & Supplies	0	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	104,367	160,000	164,800	169,744	3%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	104,367	212,370	216,531	221,809	2%

Project Description: Provide funding for private irrigation conservation improvements.

Notes: Assist MID landowners with engineering design and construction funding for irrigation conservation improvement made to landowner facilities within MID's irrigation service area. Decrease due to lower participation in 2021 largely due to increase cost of materials.

Applicable Policy: Under MID's Irrigation Master Plan - MID has offered to assist landowners with conservation improvements made to their irrigation delivery systems.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX413

Department: 8020 Civil Engineering
Project Title: PRJ - Water Measurement

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	25,731	41,719	41,218	41,472	-1%
Materials & Supplies	71	0	0	0	0%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	828	309	318	328	3%
Totals	26,630	42,028	41,536	41,800	-1%

Project Description: Canal, drain and stream flow measurement.

Notes: Water measurement is a prudent management tool to efficiently operate and control irrigation conveyance infrastructure. Labor increase in 2022 in response to additional time needed to monitor and analyze Main Canal Reservoir performance.

Applicable Policy: Under MID's Irrigation Master Plan and applicable federal, state and local regulation.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX421

Department: 8030 Water Resources
Project Title: PRJ - Water Data & Analysis

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	134,457	102,360	101,117	101,764	-1%
Materials & Supplies	8,373	15,355	15,816	16,290	3%
Outside Services	760	10,609	10,927	11,255	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	3,190	3,932	4,050	4,172	3%
MID Equipment	0	3,200	3,296	3,395	3%
Totals	146,780	135,456	135,206	136,876	0%

Project Description: Water Data Analysis.

Notes: Outside Services: State mandated regulatory water quality programs; laboratory costs. Material & Supplies: replacement of existing water quality and drain outflow measurement devices. Decrease in labor due to more hours spent in 2021 on groundwater management and reduced time needed for aquatic weed control permit administration.

Applicable Policy: State Water Resources Control Board General Permit pertaining to the use of aquatic pesticides.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX422

Department: 8030 Water Resources
Project Title: PRJ - Ground Water Management

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,548	104,564	103,288	103,955	-1%
Materials & Supplies	0	0	0	0	0%
Outside Services	14,666	100,000	103,000	106,090	3%
Seminars & Meetings	0	3,750	3,863	3,978	3%
Administrative & General	1,671	0	0	0	0%
MID Equipment	0	300	309	318	3%
Totals	17,885	208,614	210,460	214,341	1%

Project Description: Groundwater management in the Modesto sub-basin.

Notes: Comply with SGMA regulations. Increase in staff hours due to additional time spent on Groundwater Sustainability Plan development and coordination meetings.

Applicable Policy: Memorandum of Understanding relating to the formation and operation of the Stanislaus and Tuolumne Rivers Groundwater Basin Association Groundwater Sustainability Agency and the Sustainable Groundwater Management Act of 2014.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX423

Department: 8030 Water Resources
Project Title: PRJ - Don Pedro Watershed

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	282,554	211,670	209,086	210,437	-1%
Materials & Supplies	0	0	0	0	0%
Outside Services	65,151	303,400	312,502	321,877	3%
Seminars & Meetings	0	3,090	3,183	3,278	3%
Administrative & General	2,847	0	0	0	0%
MID Equipment	0	300	309	318	3%
Totals	350,552	518,460	525,080	535,910	1%

Project Description: Management of the Tuolumne River watershed.

Notes: Outside Services: Increase in ASO program; don't expect as much state funding this year. Cooperative programs with TID/CCSF. Includes one third share of ASO flights over the Tuolumne River watershed.

Applicable Policy: Executed contract between MID-TID and Weather Modification Inc. for the cloud seeding and agreement between partner agencies for the Tuolumne River Snow Survey program and other miscellaneous activities within the watershed.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX430

Department: 8040 Irrigation Services
Project Title: PRJ - Irrigation Admin

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	519,266	528,684	522,211	517,256	-1%
Materials & Supplies	3,001	2,122	2,500	2,251	18%
Outside Services	6,595	6,365	6,556	6,753	3%
Seminars & Meetings	1,685	4,637	4,776	4,919	3%
Administrative & General	120	530	546	563	3%
MID Equipment	<u>1,853</u>	<u>5,305</u>	<u>5,464</u>	<u>5,628</u>	<u>3%</u>
Totals	532,520	547,643	542,053	537,370	-1%

Project Description: Irrigation Field Services Department administrative costs.

Notes: Outside services: ABS Presort to cover department mailings.

Applicable Policy: Water Operations Division mission statement.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX440

Department: 8040 Irrigation Services
Project Title: PRJ - Irrigation Services

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,929,855	2,060,101	2,035,106	2,047,317	-1%
Materials & Supplies	607	5,797	2,000	2,060	-65%
Outside Services	0	0	0	0	0%
Seminars & Meetings	79	6,338	6,528	0	3%
Administrative & General	26,091	24,662	25,402	26,164	3%
MID Equipment	52,406	63,654	65,564	67,531	3%
Totals	2,009,038	2,160,552	2,134,600	2,143,072	-1%

Project Description: Allocation of labor and other costs of the Ditchtenders, Night Tenders, and Irrigation Supervisors.

Notes: A&G: includes electricity and phones, was 10K less than normal due to remote working.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX441

Department: 8040 Irrigation Services
Project Title: PRJ - La Grange

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	% Change <u>Current Budget</u>
Labor & Benefits	1,617	33,827	33,414	32,413	-1%
Materials & Supplies	4,434	2,652	2,732	2,814	3%
Outside Services	113,889	61,800	100,000	103,000	62%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	0	0	0	0	0%
MID Equipment	<u>273</u>	<u>3,090</u>	<u>3,183</u>	<u>3,278</u>	<u>3%</u>
Totals	120,213	101,369	139,329	141,505	37%

Project Description: La Grange Diversion Dam operational costs.

Notes: Materials: Increase due to A&A portable rentals. Outside Services: Increased due to TID charges, these charges are processed through Civil Engineering.

Applicable Policy: Water Operations Division mission statement.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX442

Department: 8040 Irrigation Services
Project Title: PRJ - Upper Main Canal

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	171,460	226,466	207,453	225,001	-8%
Materials & Supplies	0	1,061	1,093	1,126	3%
Outside Services	0	1,126	1,160	1,194	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	7,729	9,004	9,274	9,552	3%
MID Equipment	8,166	19,606	20,194	20,800	3%
Totals	187,355	257,263	239,174	257,673	-7%

Project Description: Costs of operation and maintenance and repairs of the Modesto Upper Main Canal which runs from La Grange Diversion Dam to the Modesto Reservoir.

Notes: A&G: electricity and remote monitoring for Morton Fill. Material & Supplies: canal construction materials. Outside Services: this was over in 2020 due to it being charged to the wrong account for STRGBA GSA/ Cost sharing agreement

Applicable Policy: MID Business Plan.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX443

Department: 8040 Irrigation Services
Project Title: PRJ - Modesto Reservoir

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	% Change <u>Current Budget</u>
Labor & Benefits	181,691	196,432	194,070	195,187	-1%
Materials & Supplies	3,636	530	546	563	3%
Outside Services	0	0	0	0	0%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	15,699	13,113	16,000	16,480	22%
MID Equipment	<u>12,039</u>	<u>9,270</u>	<u>9,548</u>	<u>9,835</u>	<u>3%</u>
Totals	213,065	219,345	220,164	222,065	0%

Project Description: Accounts for the costs of operation and maintenance of Modesto Reservoir.

Notes: Modesto Reservoir is vital for regulation of water flows that result from electric generation in addition to servicing MID's irrigation and domestic water customers. A&G: Increased due to state permit fees for reservoir.

Applicable Policy: MID Business Plan.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX444

Department: 8040 Irrigation Services
Project Title: PRJ - Pumps

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	295,332	291,464	287,905	289,700	-1%
Materials & Supplies	82,327	60,101	90,000	92,700	50%
Outside Services	7,216	10,000	10,300	10,609	3%
Seminars & Meetings	0	2,814	2,898	2,985	3%
Administrative & General	1,006,259	550,000	1,100,000	1,133,000	100%
MID Equipment	57,932	16,391	50,000	51,500	205%
Totals	1,449,066	930,770	1,541,103	1,580,494	66%

Project Description: Accounts for the operation and maintenance of MID's numerous irrigation and drainage wells.

Notes: Materials: Increased due to use of pumps to meet demand due to drought. Outside Services: Increased due to pumping. A&G Increased due to electrical charges increase due to pumping increase. MID equipment: Increased due to repairs.

Applicable Policy: MID Business Plan.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX450

Department: 8040 Irrigation Services
Project Title: PRJ - Laterals and Ditches

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	2,047,998	2,470,257	2,384,787	2,399,499	-3%
Materials & Supplies	342,342	300,000	309,000	318,270	3%
Outside Services	135,920	100,000	170,000	175,100	70%
Seminars & Meetings	93	5,464	5,628	5,796	3%
Administrative & General	21,424	30,000	30,900	31,827	3%
MID Equipment	169,724	241,759	249,012	256,482	3%
Totals	2,717,501	3,147,480	3,149,327	3,186,974	0%

Project Description: Accounts for the operation and maintenance of the MID irrigation conveyance system below Modesto Reservoir.

Notes: aterials & Supplies: No change. Outside Services: Increased to account for squirrel abatement. A&G: No change.

Applicable Policy: Water Operations Division mission statement.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX451

Department: 8040 Irrigation Services
Project Title: PRJ - Gunite

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	515,666	540,415	533,866	537,092	-1%
Materials & Supplies	540,247	566,500	660,000	679,800	17%
Outside Services	3,074	1,061	3,500	3,605	230%
Seminars & Meetings	61	0	0	0	0%
Administrative & General	294	0	0	0	0%
MID Equipment	50,754	37,132	50,000	51,500	35%
Totals	1,110,096	1,145,108	1,247,366	1,271,997	9%

Project Description: Accounts for the costs associated with concrete re-surfacing of the MID canal lining.

Notes: Materials: Increased due to 20% increase from Allied Concrete for gunite. Outside Services: Increased to cover maintenance to gunite machines. MID Equipment: Increased to cover demand.

Applicable Policy: Water Operations Division mission statement.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX452

Department: 8040 Irrigation Services
Project Title: PRJ - Irrigation Pipelines

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	222,688	139,250	192,969	189,508	39%
Materials & Supplies	84,072	68,959	91,000	93,730	32%
Outside Services	36,845	27,810	40,000	41,200	44%
Seminars & Meetings	183	5,305	5,464	5,628	3%
Administrative & General	0	0	0	0	0%
MID Equipment	1,017	5,305	5,464	5,628	3%
Totals	344,805	246,629	334,897	335,694	36%

Project Description: Accounts for the maintenance of MID irrigation pipelines.

Notes: Material & Supplies: Increased due to a higher number of repairs. Outside Services: Increased due to increased repairs and leasing of air monitors.

Applicable Policy: Water Operations Division mission statement.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX453

Department: 8040 Irrigation Services
Project Title: PRJ - Structures

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	3,836	62,329	35,737	34,026	-43%
Materials & Supplies	37,152	20,000	20,600	21,218	3%
Outside Services	7,898	5,305	5,464	5,628	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	3,731	2,320	4,000	4,120	72%
MID Equipment	61	3,183	3,278	3,377	3%
Totals	52,678	93,137	69,079	68,369	-26%

Project Description: Accounts for the maintenance of irrigation structures such as weirs, gates, drains and diversion points.

Notes: Materials & Supplies: No change. A&G: Increase electrical charges increased due to lateral 3 new reservoir diversion points.

Applicable Policy: Water Operations Division mission statement.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX454

Department: 8040 Irrigation Services
Project Title: PRJ - Weed & Moss Control

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	234,898	176,153	216,270	212,156	23%
Materials & Supplies	881,515	1,081,500	1,113,945	1,147,363	3%
Outside Services	16,056	5,150	5,304	5,464	3%
Seminars & Meetings	152	515	530	0	3%
Administrative & General	614	4,120	4,632	0	12%
MID Equipment	9,764	12,360	12,731	0	3%
Totals	1,142,999	1,279,798	1,353,412	1,364,983	6%

Project Description: Costs to control terrestrial and aquatic weeds in our canals and within right of ways.

Applicable Policy: Water Operations Division mission statement.

2023 O&M Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 3XX455

Department: 8040 Irrigation Services
Project Title: PRJ - Landscaping

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	166,750	213,201	210,605	211,905	-1%
Materials & Supplies	7,869	10,609	10,927	11,255	3%
Outside Services	31,000	28,983	29,852	30,748	3%
Seminars & Meetings	0	713	0	0	-100%
Administrative & General	17,999	21,218	21,855	22,510	3%
MID Equipment	26,686	15,579	0	0	-100%
Totals	250,304	290,303	273,239	276,418	-6%

Project Description: Costs of landscape maintenance within irrigation rights of way.

Notes: Outside Services: tree trimming. A&G: power for sprinkler systems, dump fees and licensing fees.

Applicable Policy: Water Operations Division mission statement.

Domestic Water

O&M

2023 O&M Budget Division Summary

OM - DOMESTIC WATER DIVISION

	2021	2022	2023	2024	% Change
	Actual	Budget	Adopted Budget	Proposed Budget	Prev. Budget to Current Budget
3XX470 PRJ - Domestic Water Admin	897,112	910,000	1,047,333	1,241,057	15.1%
3XX471 PRJ - Domestic Water A&G	2,966,656	3,503,133	3,590,018	3,694,374	2.5%
3XX472 PRJ - Domestic Water Operations	3,954,015	4,386,063	4,308,574	4,393,772	-1.8%
3XX473 PRJ - Domestic Water Laboratory	538,632	731,728	785,924	796,073	7.4%
3XX474 PRJ - Domestic Water Maintenance	2,057,871	2,921,457	2,604,410	2,654,917	-10.9%
OM - 8150 OM - Modesto Domestic Water	10,414,285	12,452,380	12,336,259	12,780,193	-0.9%
OM - 81 OM - DOMESTIC WATER DIVISION	\$10,414,285	\$12,452,380	\$12,336,259	\$12,780,193	-0.9%

2023 O&M Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 3XX470

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Domestic Water Admin

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	329,211	370,526	366,006	368,371	-1%
Labor Vacancy	0	-113,824	-112,436	-113,162	-1%
Materials & Supplies	11,759	15,000	15,000	153,000	0%
Outside Services	236,561	250,000	257,500	265,225	3%
Seminars & Meetings	835	7,500	7,725	7,957	3%
Administrative & General	318,746	380,797	513,539	559,667	35%
MID Equipment	0	0	0	0	0%
Totals	897,112	909,999	1,047,334	1,241,058	15%

Project Description: Modesto Regional Water Treatment Plant administrative costs.

Notes: Provide Management and clerical support for the MRWTP. Materials and Supplies: office supplies & equipment rental; A&G: SWRCB Fees and water Treatment Plant insurance. Outside Services: Security & misc. consultant costs related to design, water quality, emergency response and health and safety.

Applicable Policy: State and Federal Water Quality Standards.

2023 O&M Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 3XX471

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Domestic Water A&G

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	0	0	0	0	0%
Materials & Supplies	0	0	0	0	0%
Outside Services	4,000	10,000	10,300	10,609	3%
Seminars & Meetings	0	0	0	0	0%
Administrative & General	2,962,656	3,493,133	3,579,718	3,683,765	2%
MID Equipment	0	0	0	0	0%
Totals	2,966,656	3,503,133	3,590,018	3,694,374	2%

Project Description: Administrative and General Overhead for District Support of the Modesto Regional Water Treatment Plant.

Notes: District provides services such as (HR, IT, Risk & Property) that support the plant and staff. Water Quality, emergency response, health and safety contingency fund.

Applicable Policy: State and Federal Water Quality Standards and Amended and Restated Treatment and Delivery Agreement.

2023 O&M Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 3XX472

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Domestic Water Operations

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,738,664	1,658,063	1,637,924	1,648,502	-1%
Materials & Supplies	1,171,769	1,450,000	1,493,500	1,538,305	3%
Outside Services	60,901	55,000	56,650	58,350	3%
Seminars & Meetings	0	17,500	15,500	15,965	-11%
Administrative & General	978,500	1,200,000	1,100,000	1,127,500	-8%
MID Equipment	4,180	5,500	5,000	5,150	-9%
Totals	3,954,014	4,386,063	4,308,574	4,393,772	-2%

Project Description: WTP Operating costs for chemicals, energy, and outside contracts for conventional and membrane operation.

Notes: Produce drinking water for City of Modesto residents. Materials & Supplies: Treatment chemicals, equipment and raw water. Outside Services: Service contracts, solids management. A&G: electricity.

Applicable Policy: State and Federal Drinking Water Standards.

2023 O&M Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 3XX473

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Domestic Water Laboratory

	2021 <u>Actual</u>	2022 <u>Adopted Budget</u>	2023 <u>Adopted Budget</u>	2024 <u>Proposed Budget</u>	<u>% Change Current Budget</u>
Labor & Benefits	430,713	577,578	570,499	574,184	-1%
Materials & Supplies	64,470	75,000	77,250	79,568	3%
Outside Services	39,139	56,650	115,000	118,450	103%
Seminars & Meetings	1,165	7,500	7,725	7,957	3%
Administrative & General	3,144	15,000	15,450	15,914	3%
MID Equipment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0%</u>
Totals	538,631	731,728	785,924	796,073	7%

Project Description: Modesto Regional Water Treatment Plant Laboratory.

Notes: Process control and regulatory compliance. Materials & Supplies: various lab chemicals and supplies. Outside Services: contract lab services. A&G: lab certification, regulatory and permit fees.

Applicable Policy: State and Federal Drinking Water Standards and AWWA Standards. ELAP Certification & TNI Compliance.

2023 O&M Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 3XX474

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Domestic Water Maintenance

	2021	2022	2023	2024	% Change
	Actual	Adopted Budget	Adopted Budget	Proposed Budget	Current Budget
Labor & Benefits	1,234,629	1,187,957	1,173,445	1,181,023	-1%
Materials & Supplies	284,792	500,500	400,000	412,000	-20%
Outside Services	518,070	1,200,000	1,000,000	1,030,000	-17%
Seminars & Meetings	117	7,000	5,500	5,665	-21%
Administrative & General	14,522	15,500	15,965	16,444	3%
MID Equipment	5,740	10,500	9,500	9,785	-10%
Totals	2,057,870	2,921,457	2,604,410	2,654,917	-11%

Project Description: Modesto Regional Water Treatment Plant Maintenance services including spare parts.

Notes: Maintain WTP. Materials & Supplies: Misc. parts for process related equipment & chemicals. Outside Services: Equipment service contracts and calibrations, outside contractor work.

Applicable Policy: State and Federal water quality standards.

Information Technology Capital

2023 Capital Budget Division Summary

CAP - INFORMATION TECHNOLOGY DIVISION

Project	2023 Adopted Budget
722401 PRJ - Microwave Radio System Upgrade	581,367
7XX101 PRJ - Server Hardware/Software	185,000
7XX102 PRJ - Network Hardware/Software	110,000
7XX103 PRJ - Printers/Scanners/Projector	50,000
7XX119 PRJ - Comm Equip Upgrade	275,000
7XX138 PRJ - IT Security Infrastructure	80,000
723501 PRJ - Business Analytics and Reporting	173,000
723502 PRJ - Mobile Mapping System Update	263,000
CAP - 4010 CAP - Information Technology	1,717,367
CAP - 40 CAP - INFORMATION TECHNOLOGY DIVISION	1,717,367

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 722401

Department: 4010 Information Technology
Project Title: PRJ - Microwave Radio System Upgrade

Approved Budget in Prior Years	601,124
Additional Amount Requested in Current Budget Year	581,367
Estimated Amount Required in Future Budget Cycles	581,367
Total Project Budget Inception to Completion	1,763,858

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	277,283
Outside Services	190,188
Seminars & Meetings	0
Administrative & General	113,896
MID Equipment	0
Totals	581,367

Project Description This is the continuation of a multi-year project to upgrade all of the District's microwave radios to maintain communications for multiple critical purposes including fault protection, capacitor bank control, advanced meter infrastructure, security cameras and relay maintenance. Last year's budget included the District's vital microwave radio link between Ripon and Modesto Service Center. This year's budget will complete four microwave paths. The 2024 budget will complete the remaining 2 paths.

Project Justification The District's microwave system serves a vital function and is out of date and no longer supported by the vendor. In addition, recent FCC regulations have opened up the 6Ghz frequency range to unlicensed traffic, putting communications at risk. This multi-year project will replace the radios and will move vital traffic to secure licensed frequencies.

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX101

Department: 4010 Information Technology
Project Title: PRJ - Server Hardware/Software

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	185,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	185,000

Project Description	Planned replacement of computer server hardware, software and related server equipment. Systems/equipment includes servers, disk drives, memory, host bus adapters, fiber switches, Power Distribution Units and other related systems/equipment.
Project Justification	To maintain the District's technology infrastructure. Replace or upgrade equipment based on functional reliability, availability, cost-effectiveness, application requirement or redundancy. Recycle technology elsewhere in the District whenever feasible.
Applicable Policy	District Mission - Technology Goal.

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX102

Department: 4010 Information Technology
Project Title: PRJ - Network Hardware/Software

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	110,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	110,000

Project Description	Planned replacement of network hardware and software such as routers, switches and other related equipment.
Project Justification	The District's data network has become increasingly critical to MID operations over the past several years. This network connects virtually all District facilities and enables District business and operational systems. An increase in cloud-computing and implementation of a modern telephone system has put more pressure on the network. Maintaining the hardware and operating systems of this network will ensure the reliable operations for years to come.
Applicable Policy	District Mission - Technology Goal.

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX103

Department: 4010 Information Technology
Project Title: PRJ - Printers/Scanners/Projector

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	50,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	50,000

Project Description	Planned replacement of computer peripheral and related systems equipment. Systems/equipment includes printers, plotters, scanners, projectors and other related systems/equipment.
Project Justification	Replace or upgrade based on functional reliability, availability, cost-effectiveness, application required, or redundancy to support District operations. Recycle technology elsewhere in the District whenever feasible.
Applicable Policy	District Mission - Technology Goal.

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX119

Department: 4010 Information Technology
Project Title: PRJ - Comm Equip Upgrade

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	275,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	275,000

Project Description	Planned routine capital replacement of small communications equipment such as low capacity microwave and telecommunication equipment.
Project Justification	To maintain the District's technology communications infrastructure. Replace or upgrade equipment based on functional reliability.
Applicable Policy	District Mission - Technology Goal; Reliability; Security.

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX138

Department: 4010 Information Technology
Project Title: PRJ - IT Security Infrastructure

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	80,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	80,000

Project Description	Planned information security improvements and upgrades required to address ongoing and increasing security concerns and meet North American Electric Reliability Corporation (NERC) compliance requirements.
Project Justification	To maintain and upgrade the District's IT security software and hardware infrastructure as required to address both compliance and security threats to the District. Examples include NERC CIP Security Control Systems, internal and external firewalls, intrusion prevention systems, vulnerability scanning systems, and System Information and Event Management systems.
Applicable Policy	District Mission - Technology Goal.

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 723501

Department: 4010 Information Technology
Project Title: PRJ - Business Analytics and Reporting

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	147,000
Seminars & Meetings	0
Administrative & General	26,000
MID Equipment	0
Totals	173,000

Project Description	Replacement of the District's Business Intelligence System with a cloud based, cost effective Microsoft PowerBI solution.
Project Justification	Business intelligence provides real-time visibility into the District's financial and operational status. While the current system provides valuable reports to business units, the reports are cumbersome to build and are not dynamic which limits their value. In addition, licensing and hardware costs for the current system are rising. This cloud based solution will reduce future IT costs while providing a more dynamic platform for reports and real-time analytic dashboards.
Applicable Policy	Technology, Financial Responsibility

2023 Capital Budget Project Detail

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 723502

Department: 4010 Information Technology
Project Title: PRJ - Mobile Mapping System Update

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	163,000
Seminars & Meetings	0
Administrative & General	100,000
MID Equipment	0
Totals	263,000

Project Description	Major upgrade to the District's Mobile Information Management System
Project Justification	The Mobile Information Management System (MIMS) is a mobile mapping system utilized for the past six years by District's Trouble Department to manage inspections and USA locator tags. The 2021 version of the product requires a significant amount of effort to upgrade. This project will evaluate upgrading or replacing MIMS with another mobile mapping system for the district. Expected benefits from this project are the ability to use the software on iPads, ease of use, and continued maintenance and support of the mobile mapping solution.
Applicable Policy	Technology, Reliability

Finance

Capital

2023 Capital Budget Division Summary CAP - FINANCE DIVISION

Project	2023 Adopted Budget
722405 PRJ - Replace Fleet Shop In-Ground Hoists	250,000
723503 PRJ - Welding Shop Window Replacement	74,200
723504 PRJ - Training Center HVAC Replacement	14,500
723505 PRJ - Safety Department HVAC Replacement	16,250
CAP - 5031 CAP - Buildings & Grounds	354,950
723521 PRJ - Replace Vehicle 319	45,000
723527 PRJ - Replace Vehicle 489	42,000
723526 PRJ - Replace Vehicle 429	65,000
723518 PRJ - Replace Vehicle 279	200,000
723522 PRJ - Replace Vehicle 328	34,000
723520 PRJ - Replace Vehicle 302	37,000
723517 PRJ - Replace Vehicle 232	65,000
723516 PRJ - Replace Vehicle 225	45,000
723509 PRJ - Replace Vehicle 036	200,000
723510 PRJ - Replace Vehicle 065	55,000
723511 PRJ - Replace Vehicle 089	120,000
723512 PRJ - Replace Vehicle 090	65,000
723508 PRJ - Replace Vehicle 035	65,000
723506 PRJ - Replace Vehicle 019	65,000
723507 PRJ - Replace Vehicle 030	55,000
723525 PRJ - Replace Trailer 371	75,000
723524 PRJ - Replace Unit 364	375,000
723513 PRJ - Replace Unit 102	325,000
723523 PRJ - Replace Trailer 329	75,000
723514 PRJ - 3-Axle Trailer for Irrigation 134	65,000
723515 PRJ - Replace Unit 198	13,000
723519 PRJ - Replace Unit 288	13,000

2023 Capital Budget Division Summary

CAP - FINANCE DIVISION

Project	2023 Adopted Budget
723528 PRJ - Replace Vehicle 493	42,000
723529 PRJ - Replace Unit 497	415,000
CAP - 5033 CAP - Fleet Maintenance	2,556,000
CAP - 50 CAP - FINANCE DIVISION	<u>2,910,950</u>

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 722405

Department: 5031 Buildings & Grounds
Project Title: PRJ - Replace Fleet Shop In-Ground Hoists

Approved Budget in Prior Years	300,000			2023	
Additional Amount Requested in Current Budget Year	250,000			Proposed	
Total Project Budget Inception to Completion	550,000			Budget	
		Labor & Benefits		0	
		Materials & Supplies		250,000	
		Outside Services		0	
		Seminars & Meetings		0	
		Administrative & General		0	
		MID Equipment		0	
		Totals		250,000	

Project Description Replace in-ground hoist located inside the Fleet Shop with new 3 axle hoist.

Project Justification Current in-ground hoist was installed in 1973. Repair parts are difficult to find and the lift has limited capacity due to changes in car design. Lift does not have positive locking device that prevents lift from falling down in event of failure, creating a safety concern. Two of these lifts hoists have already been replaced as part of the 2021 Budget. We had the third hoist approved in the 2022 Budget; however, Fleet has determined it is in the best interest of the District to upgrade this hoist from a 2-axle to a 3-axle unit. This, along with the rapidly increasing costs associated with the pandemic has caused staff to pause the current project and come back to the Board with the new scope.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723503

Department: 5031 Buildings & Grounds
Project Title: PRJ - Welding Shop Window Replacement

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	74,200
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	74,200

Project Description Replace all window bays in the welding shop with new dual pane windows that meet current standards.

Project Justification The welding shop windows are single pane windows and are in very poor condition. Several panels are damaged and are falling out due to age. Most of these windows are over 40 years of age. During wind or rainstorms, we tend to have panels fall out and shatter which could potentially hurt staff. When they fall out, they have been replaced with small cuts of plastic due to the uncommon sizes. By replacing the windows, we will not only resolve the risk of injury to staff but increase the efficiency of the windows that will aid in keeping the interior of the facility safe from the elements and more pleasant to work in.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723504

Department: 5031 Buildings & Grounds
Project Title: PRJ - Training Center HVAC Replacement

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	14,500
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	14,500

Project Description Replace equipment with new like system that uses the new refrigerant and also has properly sized heat strip back up.

Project Justification The HVAC bard system on the training center is beyond its life expectancy and is also leaking refrigerant. The leak is no longer repairable. This particular refrigerant has been phased out and is extremely expensive. Replacing the system with a new like system that meets all current state requirements would be the best solution.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723505

Department: 5031 Buildings & Grounds
Project Title: PRJ - Safety Department HVAC Replacement

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	16,250
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	16,250

Project Description Replace equipment with new like system that uses the new refrigerant and also has properly sized heat strip back up.

Project Justification The equipment has passed its life expectancy (15–20-year life expectancy) and is using an obsolete refrigerant. If there were to be a major failure of the system, it would most likely not be able to be repaired and would have a significant lead time on replacement. This equipment operates as a heat pump so they require operation with the obsolete refrigerant year round

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723527

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 489

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	42,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	42,000

Project Description 489 is a 2008 Ford Ranger assigned to the Metering department. Vehicle will be 15 years old in 2023 with approximately 67,000 miles. Vehicle would be replaced with ½ ton 4 door truck.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723526

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 429

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	65,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	65,000

Project Description 429 is a 2008 Ford F250 with service body assigned to the Ripon Generation plant. Vehicle will be 15 years old in 2023 with approximately 90,000 miles. Vehicle would be replaced with a like unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723522

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 328

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	34,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	34,000

Project Description 328 is a 2015 Chevrolet ½ ton truck assigned to the Irrigation department. Vehicle will be 8 years old in 2023 with approximately 175,000 miles. Vehicle would be replaced with ½ ton extended cab 4x4 truck.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723521

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 319

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	45,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	45,000

Project Description 319 is a 2008 Chevrolet Impala assigned to the General Services Pool. Vehicle will be 15 years old in 2023 with approximately 113,000 miles. Vehicle would be replaced with an EV unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723518

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 279

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	200,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	200,000

Project Description 279 is a 2008 Ford F550 with service body assigned to the Line Construction Department. Vehicle will be 15 years old in 2023 with approximately 108,000 miles. Vehicle would be replaced with a F650 size truck and custom service body.

Project Justification Due to age of vehicle, repair costs and stop down time is increasing.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723517

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 232

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	65,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	65,000

Project Description 232 is a 2008 Ford F250 with service body assigned to the Water Treatment Plant. Vehicle will be 15 years old in 2023 with approximately 60,000 miles. Vehicle would be replaced with a like unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723520

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 302

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	37,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	37,000

Project Description 302 is a 2015 Ford F150 assigned to the Irrigation department. Vehicle will be 8 years old in 2023 with approximately 166,000 miles. Vehicle would be replaced with ½ ton extended cab 4x4 truck.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723516

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 225

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	45,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	45,000

Project Description 225 is a 2008 Ford Ranger assigned to the Electrical Engineering department. Vehicle will be 15 years old in 2023 with approximately 81,000 miles. Vehicle would be replaced with an EV unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723512

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 090

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	65,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	65,000

Project Description 090 is a 2008 Ford F250 Super Cab 4x4 truck assigned to the Civil Engineering department. Vehicle will be 15 years old in 2023 with approximately 126,000 miles. Vehicle would be replaced with a like unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723509

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 036

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	200,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	200,000

Project Description 036 is a 2008 Freightliner M2 Dump Truck assigned to the Irrigation Department. Vehicle will be 15 years old in 2023 with approximately 13,400 hours and 147,000 miles on it. Due to the high engine hours, miles and age of vehicle fleet is recommending it be replaced. This would be replaced with a like size vehicle

Project Justification Engine hours, mileage are very high and nearing end of life.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723511

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 089

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	120,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	120,000

Project Description 089 is a 2004 Ford F550 with service body assigned to the Trouble Department. Vehicle will be 19 years old in 2023 with approximately 83,000 miles. Vehicle would be replaced with a like unit.

Project Justification Due to age of vehicle, miles, and heavy use, Fleet recommends it be replaced.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723510

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 065

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	55,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	55,000

Project Description 065 is a 2008 Ford F250 with Service Body assigned to the Trouble department. Vehicle will be 15 years old in 2023 with approximately 121,000 miles. Vehicle would be replaced with a like unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723508

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 035

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	65,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	65,000

Project Description 035 is a 2008 Ford F250 with Service Body assigned to the Substation department. Vehicle will be 15 years old in 2023 with approximately 94,000 miles. Vehicle would be replaced with a like unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723507

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 030

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	55,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	55,000

Project Description 030 is a 2008 Ford F250 with Service Body assigned to the Irrigation department. Vehicle will be 15 years old in 2023 with approximately 92,000 miles. Vehicle would be replaced with a like unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723506

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 019

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	65,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	65,000

Project Description 019 is a 2009 Ford F250 with Service Body assigned to the Substation department. Vehicle will be 14 years old in 2023 with approximately 156,000 miles. Vehicle would be replaced with a like unit.

Project Justification Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723523

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Trailer 329

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	75,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	75,000

Project Description 329 is a Crew Leader Trailer assigned to Line Construction. This unit was purchased in 1971. Trailer will be 52 years old in 2023. Trailer will be replaced with custom built trailer similar to what was purchased in 2021.

Project Justification Trailer is at end of life and ready for replacement.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723524

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Unit 364

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	375,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	375,000

Project Description 364 is a 2007 CAT 420 Backhoe assigned to Irrigation. Unit will be 16 years old in 2022. This unit has experienced an increase in maintenance costs as its hours rise. Irrigation would like to replace unit with an equivalent backhoe.

Project Justification Unit is at its end of useful life and should be replaced.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723525

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Trailer 371

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	75,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	75,000

Project Description 371 is a Crew Leader Trailer assigned to Line Construction. This unit was purchased in 1971. Trailer will be 52 years old in 2023. Trailer will be replaced with custom built trailer similar to what was purchased in 2021.

Project Justification Trailer is at end of life and ready for replacement.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723513

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Unit 102

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	325,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	325,000

Project Description 102 is a 2009 New Holland Excavator assigned to the Irrigation Department. Vehicle will be 14 years old in 2023 with approximately 8,000 hours on it. Due to the high engine hours and heavy use Irrigation is requesting it be replaced. This would be replaced with a similar unit.

Project Justification Engine hours very high and nearing end of life.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723514

Department: 5033 Fleet Maintenance
Project Title: PRJ - 3-Axle Trailer for Irrigation 134

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	65,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	65,000

Project Description The Irrigation Department is in need of an additional 3-axle trailer. With the addition of a new excavator, the new trailer is needed to help with transport.

Project Justification Unit is needed to help transport heavy equipment to job sites.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723515

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Unit 198

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	13,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	13,000

Project Description 198 is a 1995 Essick plaster mixer assigned to Irrigation. Unit will be 28 years old in 2023. This mixer is beyond its useful life. Unit will be replaced with a like for like unit.

Project Justification Unit is beyond its useful life and should be replaced.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723519

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Unit 288

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	13,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	13,000

Project Description 288 is a 2007 Essick plaster mixer assigned to Irrigation. Unit will be 16 years old in 2023. This mixer is beyond its useful life. Unit will be replaced with a like for like unit.

Project Justification Unit is beyond its useful life and should be replaced.

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723528

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Vehicle 493

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	42,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	42,000

Project Description	493 is a 2005 Chevrolet ½ ton truck assigned to the Technical Operations Department. Vehicle will be 18 years old in 2023 with approximately 125,000 miles. Vehicle would be replaced with a smaller compact size pickup like a Ranger/Colorado, 4x4, 4 door unit with storage compartments.
Project Justification	Vehicle Replacement Policy

2023 Capital Budget Project Detail

Division: FINANCE DIVISION
Project Number: 723529

Department: 5033 Fleet Maintenance
Project Title: PRJ - Replace Unit 497

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	415,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	415,000

Project Description 497 is a 1979 CAT D3. Unit will be 44 years old in 2023. This unit has a Tier 0 engine and must be removed from service by 2023. Irrigation would like to replace unit with a CAT 315cr Excavator or equivalent.

Project Justification Unit must be removed from service by 2023 per CARB rules.

Electric Resources

Capital

2023 Capital Budget Division Summary

CAP - ELECTRIC RESOURCES DIVISION

Project	2023 Adopted Budget
714331 PRJ - DP Generation Upgrade	5,165,971
723530 PRJ - DP Housing Improvements	11,500
723531 PRJ - DP Front Gate Improvement	11,500
723532 PRJ - DP Facility Access Control	29,000
723533 PRJ - DP Electric Forklift	19,000
723534 PRJ - DP Warehouse Door Opener	3,000
723535 PRJ - DP Oil Centrifuge	10,000
723536 PRJ - DP Generator Electric Test Set	16,000
723537 PRJ - DP Storage Upgrades	16,000
CAP - 6068 CAP - Don Pedro	5,281,971
CAP - 60 CAP - ELECTRIC RESOURCES DIVISION	5,281,971

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 714331

Department: 6068 Don Pedro
Project Title: PRJ - DP Generation Upgrade

Approved Budget in Prior Years	10,566,133
Additional Amount Requested in Current Budget Year	5,165,971
Estimated Amount Required in Future Budget Cycles	35,230,810
Total Project Budget Inception to Completion	50,962,914

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	5,165,971
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	5,165,971

Project Description	Engineering studies and preliminary design for turbine/generation upgrades associated with relicensing.
Project Justification	The existing turbine/generator sets are near the end of their user lifecycles after 45 years of service. The generation equipment will need to be upgraded/replaced to continue reliable service for another 30-40 years. Delays in the FERC relicensing have pushed the schedule out for engineering design associated with repowering the Don Pedro facility.
Applicable Policy	Reliability of Power Supply, meet MID's long term resource goals, Don Pedro Operating Agreement.

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723530

Department: 6068 Don Pedro
Project Title: PRJ - DP Housing Improvements

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	11,500
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	11,500

Project Description Repairs to Staff Housing

Project Justification Routine staff housing repairs and improvements.

Applicable Policy Don Pedro Operating Agreement

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723531

Department: 6068 Don Pedro
Project Title: PRJ - DP Front Gate Improvement

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	11,500
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	11,500

Project Description Front Gate Improvement

Project Justification Replace front gate with automated gate with a wider opening.

Applicable Policy Don Pedro Operating Agreement

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723532

Department: 6068 Don Pedro
Project Title: PRJ - DP Facility Access Control

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	29,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	29,000

Project Description Facility Access Control

Project Justification Expand access control points to include microwave tower, fixed wheel gatehouse, powerhouse doors (6).

Applicable Policy Don Pedro Operating Agreement

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723533

Department: 6068 Don Pedro
Project Title: PRJ - DP Electric Forklift

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	19,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	19,000

Project Description Electric Forklift

Project Justification Upper warehouse access to new pallet racks.

Applicable Policy Don Pedro Operating Agreement

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723534

Department: 6068 Don Pedro
Project Title: PRJ - DP Warehouse Door Opener

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	3,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	3,000

Project Description Warehouse Door Opener

Project Justification Door operator is old and needs repair/replacement.

Applicable Policy Don Pedro Operating Agreement

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723535

Department: 6068 Don Pedro
Project Title: PRJ - DP Oil Centrifuge

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	10,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	10,000

Project Description Oil Centrifuge

Project Justification New Panolin needs to have the water removed to maintain viscosity.

Applicable Policy Don Pedro Operating Agreement

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723536

Department: 6068 Don Pedro
Project Title: PRJ - DP Generator Electric Test Set

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	16,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	16,000

Project Description Generator Electric Test Set

Project Justification Test set to perform all generator test by TID personnel.

Applicable Policy Don Pedro Operating Agreement

2023 Capital Budget Project Detail

Division: ELECTRIC RESOURCES DIVISION
Project Number: 723537

Department: 6068 Don Pedro
Project Title: PRJ - DP Storage Upgrades

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	16,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	16,000

Project Description Storage Upgrades

Project Justification Removal of existing storage equipment and installation of new.

Applicable Policy Don Pedro Operating Agreement

Transmission & Distribution Capital

2023 Capital Budget Division Summary

CAP - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION

Project	2023 Adopted Budget
666001 PRJ - RC-Overhead Services	773,492
666002 PRJ - RC-Underground Services	339,136
666003 PRJ - RC-Overhead Pvt Lighting (9000 Lumen)	44,264
666005 PRJ - RC-Transm-Towers/Poles/Fixtures/Cond/Devices	12,341
666006 PRJ - RC-Dist-Towers/Poles/Fixtures/Cond/Devices	762,032
666007 PRJ - RC-Underground Conduits/Conductors/Devices	916,848
666008 PRJ - RC-Overhead Transformers	1,211,679
666009 PRJ - RC-Underground Transformers	2,208,448
7XX106 PRJ - Mountain House Development	1,291,006
7XX107 PRJ - Mountain House Substructure	968,425
7XX108 PRJ - Pole Relocations	1,413,345
7XX109 PRJ - Conduit Installations	1,210,237
7XX111 PRJ - Pole Replace/Restorations	2,003,896
7XX113 PRJ - Contaminated Transf. Repl.	171,495
7XX123 PRJ - Primary System Improvements	214,793
7XX130 PRJ - OH #6 Copper Replacements	1,179,598
7XX132 PRJ - UG Cable Installation	681,660
7XX139 PRJ - Cap Bank Refurbishments	302,180
723538 PRJ - 115kV Insulator Replacement	167,527
723539 PRJ - 8th Street B58 Reconductor and Line Extension	86,606
723540 PRJ - Mariposa B54 Line Extension	74,046
723541 PRJ - Reservoir B58 Line Extension and B56 Re-route	80,285
723542 PRJ - Mountain House 69kV Lines	598,124
723543 PRJ - USA Locating Devices	18,000
CAP - 7072 CAP - Line Construction	16,729,460
7XX124 PRJ - Substation Improvements	351,806
7XX143 PRJ - Ground Grid Improvements	397,182

2023 Capital Budget Division Summary

CAP - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION

Project	2023 Adopted Budget
723544 PRJ - Substation Security - Westley	135,508
723545 PRJ - 69kV Oil Circuit Breaker Repl - Mariposa B6185	195,786
723546 PRJ - 8th Street B58 UG Reconductor	125,261
723547 PRJ - HVAC Repl - Poust	45,990
723548 PRJ - HVAC Repl - Roselle	45,990
723549 PRJ - HVAC Repl - Standiford	45,990
723550 PRJ - Quinto-Westley 230kV Line Relay Repl	391,827
723551 PRJ - Reservoir B56 UG Reconductor	48,326
723552 PRJ - Substation Security - Enslin	120,508
723553 PRJ - 230kV Bus Diff Relays - Westley	66,365
723554 PRJ - 230kV CB Repl - Westley B2352	132,000
723555 PRJ - Mountain House 69kV Expansion	788,068
723556 PRJ - Battery Impedance Test Equipment	10,000
723557 PRJ - Breaker Analyzer	19,000
723558 PRJ - CT/PT Test Set	20,300
723559 PRJ - Relay Test Set	88,800
723560 PRJ - Substation Transformer	1,482,288
723561 PRJ - Hershey Communications System	211,024
723562 PRJ - Rosemore T1 Preventative Auto Replacement	713,094
CAP - 7082 CAP - Substation	5,435,110
666012 PRJ - RC-Revenue Meter Equip	867,092
723563 PRJ - Meter Site Analyzer Upgrade	53,000
723564 PRJ - Metering CT Test Equipment	33,000
CAP - 7084 CAP - Meter/Transformer	953,092
CAP - 70 CAP - ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION	23,117,663

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666001

Department: 7072 Line Construction
Project Title: PRJ - RC-Overhead Services

	2023 Proposed Budget
Labor & Benefits	671,242
Materials & Supplies	72,250
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	30,000
Totals	773,492

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities MID serves.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666002

Department: 7072 Line Construction
Project Title: PRJ - RC-Underground Services

	2023 Proposed Budget
Labor & Benefits	310,136
Materials & Supplies	24,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	5,000
Totals	339,136

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666003

Department: 7072 Line Construction
Project Title: PRJ - RC-Overhead Pvt Lighting (9000 Lumen)

	2023 Proposed Budget
Labor & Benefits	29,764
Materials & Supplies	12,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	2,500
Totals	44,264

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666005

Department: 7072 Line Construction
Project Title: PRJ - RC-Transm-Towers/Poles/Fixtures/Cond/Devices

	2023 Proposed Budget
Labor & Benefits	10,941
Materials & Supplies	900
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	500
Totals	12,341

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666006

Department: 7072 Line Construction
Project Title: PRJ - RC-Dist-Towers/Poles/Fixtures/Cond/Devices

	2023 Proposed Budget
Labor & Benefits	437,032
Materials & Supplies	300,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	25,000
Totals	762,032

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666007

Department: 7072 Line Construction
Project Title: PRJ - RC-Underground Conduits/Conductors/Devices

	2023 Proposed Budget
Labor & Benefits	553,848
Materials & Supplies	340,000
Outside Services	3,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	20,000
Totals	916,848

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666008

Department: 7072 Line Construction
Project Title: PRJ - RC-Overhead Transformers

	2023 Proposed Budget
Labor & Benefits	401,657
Materials & Supplies	787,522
Outside Services	4,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	18,500
Totals	1,211,679

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves. Materials & Supplies increase due to increasing costs of cap banks.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666009

Department: 7072 Line Construction
Project Title: PRJ - RC-Underground Transformers

	2023 Proposed Budget
Labor & Benefits	487,948
Materials & Supplies	1,700,000
Outside Services	2,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	18,500
Totals	2,208,448

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves. Materials & Supplies increased to align with historical averages.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX106

Department: 7072 Line Construction
Project Title: PRJ - Mountain House Development

	2023 Proposed Budget
Labor & Benefits	748,251
Materials & Supplies	472,416
Outside Services	42,829
Seminars & Meetings	0
Administrative & General	0
MID Equipment	27,510
Totals	1,291,006

Project Description	Install electrical distribution system in the Mountain House community.
Project Justification	The extension of the electrical infrastructure to serve new business growth in the Mountain House community is an inherent obligation of MID.
Applicable Policy	Reliability; T&D Five-Year Plan; MID Agreement with Mountain House community; Rules; Obligation to Serve

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX107

Department: 7072 Line Construction
Project Title: PRJ - Mountain House Substructure

	2023 Proposed Budget
Labor & Benefits	163,852
Materials & Supplies	0
Outside Services	800,511
Seminars & Meetings	0
Administrative & General	0
MID Equipment	4,062
Totals	968,425

Project Description	Install substructure facilities within the Mountain House community.
Project Justification	Installation of the infrastructure in the Mountain House community including conduits, boxes, manholes and vaults is an inherent obligation of MID.
Applicable Policy	Reliability; T&D Five-Year Plan; MID Agreement with Mountain House community; Rules; Obligation to Serve

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX108

Department: 7072 Line Construction
Project Title: PRJ - Pole Relocations

	2023 Proposed Budget
Labor & Benefits	872,079
Materials & Supplies	331,436
Outside Services	168,438
Seminars & Meetings	0
Administrative & General	0
MID Equipment	41,392
Totals	1,413,345

Project Description	Provide labor, materials, and equipment needed to design and construct electric line relocations necessary as a result of a County or City road project conducted for the safety of the traveling public.
Project Justification	By agreement of legal staffs of City, County, and MID - MID is legally obligated to pay for City and County pole relocations when those poles are located in City or County road right-of-way and are needed for the safety of the traveling public.
Applicable Policy	Legal Requirement, Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX109

Department: 7072 Line Construction
Project Title: PRJ - Conduit Installations

	2023 Proposed Budget
Labor & Benefits	695,237
Materials & Supplies	150,000
Outside Services	300,000
Seminars & Meetings	0
Administrative & General	15,000
MID Equipment	50,000
Totals	1,210,237

Project Description	Install conduits for direct buried primary and secondary cable throughout the District.
Project Justification	In the mid 1990s the first round of cable injection work was performed on direct buried primary cable. This injection work had a warranty of 10 years. Once cables are injected they cannot be injected again, therefore when the cables fail they need to be repaired or replaced. This project is to install conduits at these locations in order to replace the failed cables. This project may also address installing conduits for direct buried secondary services.
Applicable Policy	Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX111

Department: 7072 Line Construction
Project Title: PRJ - Pole Replace/Restorations

	2023 Proposed Budget
Labor & Benefits	823,449
Materials & Supplies	182,835
Outside Services	967,230
Seminars & Meetings	0
Administrative & General	0
MID Equipment	30,382
Totals	2,003,896

Project Description Replace or restore old wood poles which have deteriorated to the point where they can no longer safely function.

Project Justification To comply with General Order 165.

Applicable Policy Compliance with General Order 165; Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX113

Department: 7072 Line Construction
Project Title: PRJ - Contaminated Transf. Repl.

	2023 Proposed Budget
Labor & Benefits	151,678
Materials & Supplies	13,776
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	6,041
Totals	171,495

Project Description	From time to time distribution transformers are discovered with levels of contamination not suited for their application. These transformers are associated with a specific manufacturer during certain time periods.
Project Justification	Replacement of the transformers as they are discovered reduces the cost of transformer replacements because the work can usually be scheduled during normal District business hours. Replacements before rupture also reduces the cost of contamination clean up.
Applicable Policy	MID Business Plan (Environmental)

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX123

Department: 7072 Line Construction
Project Title: PRJ - Primary System Improvements

	2023 Proposed Budget
Labor & Benefits	124,500
Materials & Supplies	69,066
Outside Services	11,253
Seminars & Meetings	0
Administrative & General	0
MID Equipment	9,974
Totals	214,793

Project Description	Various improvements to the primary system (12kV, 17kV, 21kV) throughout the District service territory.
Project Justification	The goal of this project is to make improvements on the distribution system. Some of these improvements include switch installations, reframing poles, minor reconductors, and possible wildlife protection implementation. These are intended to improve system reliability and reduce outages.
Applicable Policy	Reliability; Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX130

Department: 7072 Line Construction
Project Title: PRJ - OH #6 Copper Replacements

	2023 Proposed Budget
Labor & Benefits	1,029,598
Materials & Supplies	100,000
Outside Services	10,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	40,000
Totals	1,179,598

Project Description	Replace #6 copper and other small overhead primary conductor with appropriate sized overhead primary conductor.
Project Justification	Replace #6 copper and other small overhead primary conductor with appropriate sized overhead primary conductor for reliability and public safety.
Applicable Policy	T&D Five Year Plan; Reliability; Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX132

Department: 7072 Line Construction
Project Title: PRJ - UG Cable Installation

	2023 Proposed Budget
Labor & Benefits	511,660
Materials & Supplies	150,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	20,000
Totals	681,660

Project Description Install underground primary cable throughout the District.

Project Justification Underground conduit systems have been installed throughout the District in years past. These conduits were installed in areas that originally had direct buried cable installed. As of today, the majority of the conduits have not been populated by new primary cable, having the original direct buried cable still providing service. This project is for the installation of new primary cable in these conduit systems.

Applicable Policy T&D Five-Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX139

Department: 7072 Line Construction
Project Title: PRJ - Cap Bank Refurbishments

	2023 Proposed Budget
Labor & Benefits	237,180
Materials & Supplies	52,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	13,000
Totals	302,180

Project Description	Replace distribution line capacitor banks that need to be replaced with new line capacitor banks and install new line capacitor banks to provide voltage and reactive power support where needed. The new line capacitor banks will be automated where it is feasible.
Project Justification	Due to the age of existing line capacitor banks, there are some that no longer work and need to be replaced. There are areas where voltage or reactive power support is needed and can be resolved by adding a line capacitor bank. The existing distribution system line capacitors are locally controlled and can only be interrogated in the field. Where communication is feasible, this project will make the line capacitors operable from the Control Room and will improve the system reliability while reducing system losses. It will also reduce field inspections and interrogations since the data and status will be accessible via SCADA.
Applicable Policy	T&D Five-Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723538

Department: 7072 Line Construction
Project Title: PRJ - 115kV Insulator Replacement

	2023 Proposed Budget
Labor & Benefits	106,407
Materials & Supplies	56,120
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	5,000
Totals	167,527

Project Description	Replace horizontal 115kV Lapp porcelain insulators on the Claus-Hershey 115kV Line (Line 13).
Project Justification	There have been two outages caused by broken Lapp porcelain horizontal insulators on the Claus-Hershey 115kV Line. One incident was in July 2020 and the other incident was in January 2022. In both incidents, the insulators broke at their bases. All horizontal Lapp porcelain insulators will be replaced with robust polymer-type insulators.
Applicable Policy	Reliability; Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723539

Department: 7072 Line Construction
Project Title: PRJ - 8th Street B58 Reconductor and Line Extension

	2023 Proposed Budget
Labor & Benefits	50,450
Materials & Supplies	16,000
Outside Services	19,640
Seminars & Meetings	0
Administrative & General	0
MID Equipment	516
Totals	86,606

Project Description	Reroute and reconductor the 8th Street B58 getaway from 500CU to 1,100 AL, do a 150 ft line extension of 636AA, add a pole, add a switch, and reroute conduit and cable to the new pole.
Project Justification	Load growth will cause 8th Street B52 to not have a valid feeder contingency without the project upgrades.
Applicable Policy	T&D Five Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723540

Department: 7072 Line Construction
Project Title: PRJ - Mariposa B54 Line Extension

	2023 Proposed Budget
Labor & Benefits	61,046
Materials & Supplies	11,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	2,000
Totals	74,046

Project Description This project will add two overhead switches, resize two poles and a 160 ft 636 AA overhead line extension.

Project Justification Load growth will cause Mariposa B54 to not have a valid feeder contingency without the project upgrades.

Applicable Policy Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723541

Department: 7072 Line Construction
Project Title: PRJ - Reservoir B58 Line Extension and B56 Re-route

	2023 Proposed Budget
Labor & Benefits	46,285
Materials & Supplies	31,500
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	2,500
Totals	80,285

Project Description	Extend Reservoir B58 overhead line, install a new pad mount switchgear and reroute the Reservoir B56 underground tie to the water treatment plant switchgear.
Project Justification	A feeder reroute is needed for Reservoir B56 just outside the substation to address the substation physical security plan analysis guidelines and provide backup service to the water treatment plant.
Applicable Policy	Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723542

Department: 7072 Line Construction
Project Title: PRJ - Mountain House 69kV Lines

Estimated Amount Required in Future Budget Cycles	12,443,018
Total Project Budget Inception to Completion	13,041,142

	2023 Proposed Budget
Labor & Benefits	61,456
Materials & Supplies	536,668
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	598,124

Project Description	Build two new 69kV lines using steel poles from Mountain House substation to customer's 69kV interconnecting station and split the existing double circuit Tracy-Mountain House 69kV lines.
Project Justification	A transmission voltage primary customer will connect to the MID Mountain House substation with two 69kV lines. The existing Mountain House 69kV transmission system cannot serve the additional load without installing additional infrastructure. The project is to be funded by the primary customer connecting to the Mountain House substation.
Applicable Policy	Obligation to Serve

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723543

Department: 7072 Line Construction
Project Title: PRJ - USA Locating Devices

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	18,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	18,000

Project Description	New locating devices for USA locators that is bluetooth capable and 3M marker ball compatible.
Project Justification	Currently we have one standard locator and two bluetooth capable locators. The new locators will be bluetooth capable that would save time by not having to walk back to the transmitter and change the frequency. The locators can sync or change to another frequency at anytime there is an issue from their location. With the addition of the third bluetooth locator the one standard locator can be used as a spare locator for when one has to be sent for repairs or calibration. A 3M locator is needed that is capable of locating and writing data to the 3M marker balls.
Applicable Policy	Reliability; Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX124

Department: 7082 Substation
Project Title: PRJ - Substation Improvements

	2023 Proposed Budget
Labor & Benefits	189,806
Materials & Supplies	156,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	6,000
Totals	351,806

Project Description	Improvements to various substation equipment that experience unexpected failures.
Project Justification	Substation equipment throughout the District experience unexpected failures throughout the year that cannot be captured within the planned replacement process, such as circuit breakers, substation batteries, LTC controllers, etc. which must be capitalized.
Applicable Policy	T&D Five-Year Plan, Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 7XX143

Department: 7082 Substation
Project Title: PRJ - Ground Grid Improvements

	2023 Proposed Budget
Labor & Benefits	149,382
Materials & Supplies	58,800
Outside Services	183,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	6,000
Totals	397,182

Project Description	This project will address the recommendation of ground grid evaluation - such as crushed rocks, installation and bonding of ground mat, bonding of fences, providing isolation between MID and non-MID fences, replacement of damaged grounding conductors, use of effective connectors etc.
Project Justification	Ground grids have not been evaluated since they were built. This project will reinforce the effectiveness of the existing ground grids inside the substation. It will help to eliminate any potential hazards for employees and public.
Applicable Policy	T&D Five-Year Plan, Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723544

Department: 7082 Substation
Project Title: PRJ - Substation Security - Westley

	2023 Proposed Budget
Labor & Benefits	60,008
Materials & Supplies	62,500
Outside Services	10,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	3,000
Totals	135,508

Project Description	This project will upgrade security cameras and enhance the existing perimeter security at the Westley switchyard, which is a Bulk Electric System station. A new siren with voice command capability will be installed.
Project Justification	Enhancement of the security system is needed to detect and deter intrusion that would lead to theft and damage of MID equipment that could also impact reliability.
Applicable Policy	T&D Five-Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723545

Department: 7082 Substation
Project Title: PRJ - 69kV Oil Circuit Breaker Repl - Mariposa B6185

	2023 Proposed Budget
Labor & Benefits	96,786
Materials & Supplies	92,000
Outside Services	5,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	2,000
Totals	195,786

Project Description	Removal of existing 69kV oil circuit breaker B6185 at Mariposa Substation and replacing it with a newer technology vacuum circuit breaker.
Project Justification	The circuit breaker has come towards the end of its useful life. It has a history of ongoing and repetitive issues. Maintaining it has become increasingly difficult and spare parts are obsolete or unavailable.
Applicable Policy	T&D Five Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723546

Department: 7082 Substation
Project Title: PRJ - 8th Street B58 UG Reconductor

	2023 Proposed Budget
Labor & Benefits	98,261
Materials & Supplies	24,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	3,000
Totals	125,261

Project Description	Replace the getaway for 8th Street B58, upgrading the conduit to reconductor the getaway from 500CU to 1100AL and reroute conduit and cable to a new pole.
Project Justification	Load growth will cause 8th Street B52 to not have a valid feeder contingency without the project upgrades.
Applicable Policy	T&D Five Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723547

Department: 7082 Substation
Project Title: PRJ - HVAC Repl - Poust

	2023 Proposed Budget
Labor & Benefits	25,990
Materials & Supplies	14,000
Outside Services	5,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	1,000
Totals	45,990

Project Description	Replace aging HVAC unit with adequately sized package unit and new pad.
Project Justification	The existing HVAC unit is past its normal service life. The unit is not capable of maintaining temperature in the substation control building during the summer and has required expensive and repetitive repairs throughout the summer months. These repairs are often 50-75% of the cost of a new unit. New package HVAC unit will be more efficient and should not require major repairs for 8-10 years with appropriate maintenance and care.
Applicable Policy	T&D Five Year Plan

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723548

Department: 7082 Substation
Project Title: PRJ - HVAC Repl - Roselle

	2023 Proposed Budget
Labor & Benefits	25,990
Materials & Supplies	14,000
Outside Services	5,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	1,000
Totals	45,990

Project Description	Replace aging HVAC unit with adequately sized package unit and new pad.
Project Justification	The existing HVAC unit is past its normal service life. The unit is not capable of maintaining temperature in the substation control building during the summer and has required expensive and repetitive repairs throughout the summer months. These repairs are often 50-75% of the cost of a new unit. New package HVAC unit will be more efficient and should not require major repairs for 8-10 years with appropriate maintenance and care.
Applicable Policy	T&D Five Year Plan

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723549

Department: 7082 Substation
Project Title: PRJ - HVAC Repl - Standiford

	2023 Proposed Budget
Labor & Benefits	25,990
Materials & Supplies	14,000
Outside Services	5,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	1,000
Totals	45,990

Project Description	Replace aging HVAC unit with adequately sized package unit and new pad.
Project Justification	The existing HVAC unit is past its normal service life. The unit is not capable of maintaining temperature in the substation control building during the summer and has required expensive and repetitive repairs throughout the summer months. These repairs are often 50-75% of the cost of a new unit. New package HVAC unit will be more efficient and should not require major repairs for 8-10 years with appropriate maintenance and care.
Applicable Policy	T&D Five Year Plan

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723550

Department: 7082 Substation
Project Title: PRJ - Quinto-Westley 230kV Line Relay Repl

	2023 Proposed Budget
Labor & Benefits	294,227
Materials & Supplies	51,600
Outside Services	44,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	2,000
Totals	391,827

Project Description	Replace primary and backup line differential relays and install transfer trip devices, also requires replacing the synch-check/reclosing relay and breaker failure relay with a single relay.
Project Justification	A new solar generation station will interconnect on the PG&E portion of the Quinto-Westley 230kV line that requires the relays to be replaced and add additional equipment in order to protect the line because of the generation interconnection. The entire project is to be funded by the generation developer connecting to the Quinto-Westley 230kV line.
Applicable Policy	Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723551

Department: 7082 Substation
Project Title: PRJ - Reservoir B56 UG Reconductor

	2023 Proposed Budget
Labor & Benefits	37,326
Materials & Supplies	10,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	1,000
Totals	48,326

Project Description	Reconductor and reroute the existing Reservoir B56 underground substation getaway from 3/O AL to 500 AL cable.
Project Justification	A feeder reroute is needed for Reservoir B56 just outside the substation to address the substation physical security plan analysis guidelines and provide backup service to the water treatment plant. The existing getaway cable needs to be replaced as part of that reroute.
Applicable Policy	Public Safety

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723552

Department: 7082 Substation
Project Title: PRJ - Substation Security - Enslen

	2023 Proposed Budget
Labor & Benefits	60,008
Materials & Supplies	53,500
Outside Services	5,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	2,000
Totals	120,508

Project Description	This project will upgrade security cameras and extend the existing barb wire at the Enslen Substation.
Project Justification	Enhancement of the security system is needed to detect and deter intrusion that would lead to theft and damage of MID equipment that could also impact reliability. The existing cameras are reaching their end of life and getting repair parts is becoming increasingly difficult.
Applicable Policy	T&D Five Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723553

Department: 7082 Substation
Project Title: PRJ - 230kV Bus Diff Relays - Westley

Estimated Amount Required in Future Budget Cycles	165,992
Total Project Budget Inception to Completion	232,357

	2023 Proposed Budget
Labor & Benefits	36,615
Materials & Supplies	29,750
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	66,365

Project Description	Install redundant bus differential relay schemes on Westley 230kV East and West bus.
Project Justification	In the event of a bus differential protection scheme failure, a Westley bus fault will be cleared by the tripping from adjacent stations. This would de-energize all eight lines and two TID transformers connected at Westley that would result in overloads on MID's other intertie location into Standiford and TID's intertie at Oakdale.
Applicable Policy	Reliability; WECC/NERC

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723554

Department: 7082 Substation
Project Title: PRJ - 230kV CB Repl - Westley B2352

Estimated Amount Required in Future Budget Cycles	85,086	
Total Project Budget Inception to Completion	217,086	2023 Proposed Budget
		Labor & Benefits 0
		Materials & Supplies 132,000
		Outside Services 0
		Seminars & Meetings 0
		Administrative & General 0
		MID Equipment 0
		Totals 132,000

Project Description	Removal of existing 230kV circuit breaker B2352 at Westley Switchyard and replacing it with a newer technology SF6 circuit breaker.
Project Justification	The circuit breaker has a history of ongoing and repetitive issues. Maintaining it has become increasingly difficult and spare parts are obsolete or unavailable.
Applicable Policy	T&D Five Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723555

Department: 7082 Substation
Project Title: PRJ - Mountain House 69kV Expansion

Estimated Amount Required in Future Budget Cycles	2,593,141
Total Project Budget Inception to Completion	3,381,209

	2023 Proposed Budget
Labor & Benefits	113,068
Materials & Supplies	655,000
Outside Services	20,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	788,068

Project Description	Install two new 69kV line positions at Mountain House Substation and upgrade all breaker bushing jumpers to 2000A. Project includes relay panel upgrades at Mountain House and the installation of revenue instrument transformers, meters, and RTU at customer's 69kV interconnecting station housed in an MID secured building.
Project Justification	A transmission voltage primary customer will connect at 69kV from MID's Mountain House Substation with two 69kV lines. The project is to be funded by the primary customer connecting to the Mountain House Substation.
Applicable Policy	Obligation to Serve

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723556

Department: 7082 Substation
Project Title: PRJ - Battery Impedance Test Equipment

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	10,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	10,000

Project Description	Megger BITE 3 Battery Impedance Tester
Project Justification	Substation Department currently has one tester to perform the regular 6 month battery maintenance. Purchasing a second tester will increase the efficiency in performing battery maintenance testing. The plan will be to have two crews performing the maintenance. This additional unit will provide on-line testing with Pass/Warning/Fail calculations, along with measure impedance, interconnection resistance, and cell voltage as well as measuring float and ripple currents.
Applicable Policy	Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723557

Department: 7082 Substation
Project Title: PRJ - Breaker Analyzer

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	19,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	19,000

Project Description Camlin Profile 3 Breaker Analyzer

Project Justification Substation Department currently uses breaker analyzers to perform annual maintenance on Substation equipment. The benefit to using the Camlin P3 is it can get a true condition of the breaker, ie. tripping time and closing time in between major maintenance intervals. Another benefit to using this equipment is it provides immediate on-site analysis with easy to read graphs. Using this equipment can aid in prevention of major cost and/or damage to equipment and personnel. With the addition of this unit the Substation Department will maintain a total of 3 units and retire a unit that has reached its end of life.

Applicable Policy Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723558

Department: 7082 Substation
Project Title: PRJ - CT/PT Test Set

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	20,300
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	20,300

Project Description	Compano test set for protection system testing and maintenance of PTs and CTs.
Project Justification	Substation Department relay test technicians currently use multiple various test equipment to test multiple tap CT/PT devices, to perform polarity checks and to do burden testing. This requires multiple set ups and changing the leads multiple times to complete tests. The Compano unit is capable of performing all of these tests, and even more, in a single compact and portable unit. This test unit will reduce the testing time by 50%.
Applicable Policy	Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723559

Department: 7082 Substation
Project Title: PRJ - Relay Test Set

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	88,800
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	88,800

Project Description	Purchase CMC356 test set for protection system testing and maintenance.
Project Justification	There are four Substation Department journey-level relay test technicians. There are currently three relay test sets and having a fourth CMC 365 test set will allow for independent work as needed which will better utilize in-house relay technician resources. Another benefit will be having a test set on a different rotation for calibrations or repairs, so work can continue without using rental equipment or having technicians wait for several weeks for a test set to be returned.
Applicable Policy	Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723560

Department: 7082 Substation
Project Title: PRJ - Substation Transformer

	2023 Proposed Budget
Labor & Benefits	11,288
Materials & Supplies	1,470,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	1,000
Totals	1,482,288

Project Description	Purchase a new 69/12kV, 22.4MVA, substation transformer. This unit will be stored at the Service Center and will be used as a replacement unit for a failed transformer.
Project Justification	MID has a spare strategy where the available spare transformers have been used for the new Codoni Substation and to replace failed transformers at Sisk and Briggsmore Substations. Without a functioning spare transformer, a failure of a substation transformer will cause reliability concerns since it takes over 24 months to purchase a replacement transformer.
Applicable Policy	T&D Five Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723561

Department: 7082 Substation
Project Title: PRJ - Hershey Communications System

	2023 Proposed Budget
Labor & Benefits	56,924
Materials & Supplies	60,600
Outside Services	90,000
Seminars & Meetings	0
Administrative & General	2,500
MID Equipment	1,000
Totals	211,024

Project Description	Install new communications system at Hershey Substation that will communicate to Terminal Reservoir comm site and Claus Substation.
Project Justification	To improve the communications to Hershey Substation for the needs of the substation as the existing radio reliability doesn't meet the needs of the substation anymore. The improvement will increase the reliability of the substation for the RTU and relay protection.
Applicable Policy	T&D Five Year Plan; Reliability

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723562

Department: 7082 Substation
Project Title: PRJ - Rosemore T1 Preventative Auto Replacement

	2023 Proposed Budget
Labor & Benefits	33,094
Materials & Supplies	5,000
Outside Services	670,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	5,000
Totals	713,094

Project Description	Rosemore T1 Preventative Auto will be engineered, designed, manufactured and replaced in the main tank of Rosemore T1. Oil will be vacuum processed and re-filled in the tank once the replacement is complete.
Project Justification	Rosemore T1 had excessive gassing indicating possible internal arcing. A transformer inspection by Delta Star found carbon deposited around the top of the steel core. Determination was made that the cause of the issue was the defective PA. The existing PA will be removed from the tank and replaced with a new one.
Applicable Policy	Reliability; NERC/WECC

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 666012

Department: 7084 Meter/Transformer
Project Title: PRJ - RC-Revenue Meter Equip

	2023 Proposed Budget
Labor & Benefits	105,092
Materials & Supplies	760,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	2,000
Totals	867,092

Project Description	Total capital costs of providing service to new customers. Various accounts are used to capture the costs based on the type of service requested.
Project Justification	The provision of electric service to new residential and business development is an inherent obligation of electric utilities. This is critical to the economic vitality of the communities that MID serves. Materials include meters for new installs and replacements, intertie meters, isolation relays, rotary switches, APs, relays, associated equipment for maintaining meters, and SEL equipment for NERC compliance. Expected increase in home building and increase in meter failures as we approach end of life for the meters. Meter changeouts will also begin in 2023.
Applicable Policy	MID Business Plan; T&D Five-Year Plan; MID Services Rules; Obligation to serve.

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723563

Department: 7084 Meter/Transformer
Project Title: PRJ - Meter Site Analyzer Upgrade

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	53,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	53,000

Project Description Upgrade the WE-20 meter test equipment to a more compact RD-31 meter test equipment.

Project Justification The Metering Department currently use the WE-20 meter tester for intertie and 1-year tests. The existing unit is 15-years old, somewhat cumbersome in size, and is starting to have issues during use. The RD-31 meter tester is a smaller more integrated unit that has more capabilities including CT testing. Also, there is currently only one portable tester that can test down to 0.02% accuracy, and the addition of this unit would provide flexibility in having two units. The WE-20 will still be used as a backup unit as long as it runs properly.

Applicable Policy Reliability; Obligation to Serve

2023 Capital Budget Project Detail

Division: ELECTRIC TRANSMISSION AND DISTRIBUTION DIVISION
Project Number: 723564

Department: 7084 Meter/Transformer
Project Title: PRJ - Metering CT Test Equipment

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	33,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	33,000

Project Description Addition of a Tesco 6330 Meter Site Analyzer for CT testing.

Project Justification Currently the Meter Department does not have a portable CT tester. Other utilities have the capability to test CTs in the field, and MID does not have this capability now. MID procedures have been updated to allow for testing of the CTs during annual testing. Only testing the meters is not sufficient in verifying meter accuracy. The CTs are a vital part of the metering and must be part of the testing.

Applicable Policy Reliability; Obligation to Serve

Water Operations

Capital

2023 Capital Budget Division Summary

CAP - WATER OPERATIONS DIVISION

Project	2023 Adopted Budget
7XX114 PRJ - Don Pedro Recreation Agency	150,704
723565 PRJ - Lateral 6 and 8 Regulating Reservoir	275,000
723566 PRJ - Dry Creek Flood Control	250,000
723567 PRJ - Tuolumne River Watershed Gaging Stations	50,000
723568 PRJ - Tuolumne River Restoration Project	250,000
723569 PRJ - La Grange Water Treatment Plant Access Stairways	10,000
CAP - 8010 CAP - Water Operations	985,704
722460 PRJ - Fencing	50,000
7XX115 PRJ - District Pipeline Repl	556,718
7XX116 PRJ - Pump Modernization	592,908
7XX118 PRJ - Infrastructure Modernization	463,790
7XX126 PRJ - SCADA Automation	250,000
7XX137 PRJ - Measuring Gate Calibration	101,280
CAP - 8040 CAP - Irrigation Services	2,014,696
CAP - 80 CAP - WATER OPERATIONS DIVISION	3,000,400

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 7XX114

Department: 8010 Water Operations Department
Project Title: PRJ - Don Pedro Recreation Agency

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	150,704
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	150,704

Project Description	MID portion of the capital budget for the Don Pedro Recreation Agency.
Project Justification	Don Pedro Recreation Agency Operating Agreement specifies that MID, Turlock Irrigation District and the City and County of San Francisco share in the operating expenses or capital improvements. Assume Visitor Center Rebuild in 2025. MID's share is 15.23%.
Applicable Policy	Don Pedro Recreation Agency Operating Agreement - MID Board Resolution 87-164

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 723566

Department: 8010 Water Operations Department
Project Title: PRJ - Dry Creek Flood Control

Estimated Amount Required in Future Budget Cycles	1,100,000	
Total Project Budget Inception to Completion	1,350,000	

	2023
	Proposed
	Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	250,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	250,000

Project Description	Dry Creek Flood Control Projects includes possible Upper/Lower Cooperstown Reservoirs or possibly providing funding for Stanislaus County's flood control proposal, "Phase II Evaluation of Stormwater Management and Groundwater Recharge Projects in The Dry Creek Watershed.
Project Justification	2022 SJTA Strategic Plan. District's Water Right Application (Jan 2022) to capture unappropriated flood waters from the Tuolumne River.

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 723567

Department: 8010 Water Operations Department
Project Title: PRJ - Tuolumne River Watershed Gaging Stations

Estimated Amount Required in Future Budget Cycles	100,000	
Total Project Budget Inception to Completion	150,000	

	2023
	Proposed
	Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	50,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	50,000

Project Description Install stream gages and soil moisture probes throughout the Tuolumne River Watershed to fill gaps in precip and runoff data.

Applicable Policy Joint effort with TID. Fund projects using historical percentages (68.46/31.54).

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 723568

Department: 8010 Water Operations Department
Project Title: PRJ - Tuolumne River Restoration Project

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	250,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	250,000

Project Description	Improve fish habitat conditions in the Lower Tuolumne River. Potential projects include gravel restoration at Bobcat Flat and upstream of Old La Grange Bridge
Project Justification	MID portion of the \$4M capital budget for the Tuolumne River MOU Projects (SFPUC Share = \$1.5M, Districts Share = \$2.5M, MID Share = \$1.25M)
Applicable Policy	Tuolumne River MOU - MID Board Resolution 21-XXX



2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 710782

Department: 8010 Water Operations Department
Project Title: PRJ - DP/La Grange FERC Relicense

Approved Budget in Prior Years	32,452,154
Total Project Budget Inception to Completion	32,452,154

	2023
	Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	0

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 723569

Department: 8010 Water Operations Department
Project Title: PRJ - La Grange Water Treatment Plant Access Stairways

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	10,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	10,000

Project Description Construct access ways from the upper portion of the Water Treatment Plant facility down to the pump station.

Project Justification The stairways will provide connectivity and accessibility between the upper and lower facilities.

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 722460

Department: 8040 Irrigation Services
Project Title: PRJ - Fencing

Approved Budget in Prior Years	50,000			2023	
Additional Amount Requested in Current Budget Year	50,000			Proposed	
Total Project Budget Inception to Completion	100,000			Budget	
		Labor & Benefits		0	
		Materials & Supplies		0	
		Outside Services		50,000	
		Seminars & Meetings		0	
		Administrative & General		0	
		MID Equipment		0	
		Totals		50,000	

Project Description Installation of fences between head of lateral 4 and El Vacino

Project Justification Fencing will provide increased security in areas that have recurring public safety concerns due to trespassing and encampments.

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 7XX115

Department: 8040 Irrigation Services
Project Title: PRJ - District Pipeline Repl

	2023 Proposed Budget
Labor & Benefits	294,464
Materials & Supplies	262,254
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	556,718

Project Description Replacement of aging MID irrigation pipeline conveyance infrastructure.

Project Justification Pipelines must be replaced to ensure proper operation and conveyance of irrigation water.

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 7XX116

Department: 8040 Irrigation Services
Project Title: PRJ - Pump Modernization

	2023 Proposed Budget
Labor & Benefits	25,908
Materials & Supplies	56,000
Outside Services	506,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	5,000
Totals	592,908

Project Description	Pump rehabilitation and modernization generally consistent with recommendations presented in 2007 Wellfield Optimization Project.
Project Justification	Necessary to ensure optimum operational efficiency.

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 7XX118

Department: 8040 Irrigation Services
Project Title: PRJ - Infrastructure Modernization

	2023 Proposed Budget
Labor & Benefits	211,840
Materials & Supplies	180,000
Outside Services	66,950
Seminars & Meetings	0
Administrative & General	0
MID Equipment	5,000
Totals	463,790

Project Description Modernization as determined necessary by Irrigation Field Services and Civil Engineering.

Project Justification Materials & Supplies: Increased to cover costs associated with Tidewater and Miller Lake facilities and infrastructure modernization. Outside Services: Increased costs for contractors to help with Tidewater and Miller Lake projects.

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 7XX126

Department: 8040 Irrigation Services
Project Title: PRJ - SCADA Automation

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	125,000
Outside Services	125,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	250,000

Project Description	Completion of critical SCADA site upgrades and new installations in accordance with the Comprehensive Water Resources Management Plan. Upgrades to existing, outdated equipment and programming. 2020 AWMP estimates 15 additional locations could be automated. This budget assumes 3 installations per year.
Project Justification	Consistent with Comprehensive Water Resources Management Plan

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 7XX137

Department: 8040 Irrigation Services
Project Title: PRJ - Measuring Gate Calibration

	2023 Proposed Budget
Labor & Benefits	32,065
Materials & Supplies	0
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	69,215
Totals	101,280

Project Description Staff is proposing continued allocation of funds associated with compliance with the water measurement component of SBx7-7. This is only a stop gap measure until a long-term comprehensive compliance plan and funding is approved by the Board.

Project Justification Water Measurement Regulation.

2023 Capital Budget Project Detail

Division: WATER OPERATIONS DIVISION
Project Number: 723565

Department: 8040 Irrigation Services
Project Title: PRJ - Lateral 6 and 8 Regulating Reservoir

Estimated Amount Required in Future Budget Cycles	10,074,382
Total Project Budget Inception to Completion	10,349,382

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	275,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	275,000

Project Description	Regulating reservoir in the vicinity of Lateral 8 near Lateral 6, including automated sluice gate inlet/outlet, pump station, interceptor pipeline, and SCADA system for remote monitoring of reservoir and pipeline operations. Cost based on 75-AF reservoir, 24 acres, inlet flow of 40 cfs, 75 HP, and outlet of 40 cfs, 75 HP, includes right-of-way costs for interceptor pipeline. No recirculation system included. Facility will provide means to improve customer service, reduce mismatches in supply and demand, and reduce outflows. Assumes majority of design and construction management would be conducted MID forces.
Project Justification	Infrastructure improvements is a prudent management tool to efficiently operate and control our conveyance infrastructure. Ref. "Modesto Irrigation District - Proposed Program", April 2018, CH2M Hill, Inc.

Domestic Water

Capital

2023 Capital Budget Division Summary

CAP - DOMESTIC WATER DIVISION

Project	2023 Adopted Budget
723570 PRJ - Chemical Dose Automation/Recording Phase II	650,000
723571 PRJ - Lab Incubator	35,000
723572 PRJ - Lab Remodel	100,000
723573 PRJ - Terminal Reservoir Pump Drives	400,000
723574 PRJ - Membrane Plant Blower	300,000
CAP - 8150 CAP - Modesto Domestic Water	1,485,000
CAP - 81 CAP - DOMESTIC WATER DIVISION	1,485,000

2023 Capital Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 723570

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Chemical Dose Automation/Recording Phase II

Estimated Amount Required in Future Budget Cycles	5,000,000	
Total Project Budget Inception to Completion	5,650,000	

	2023
	Proposed
	Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	650,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	650,000

Project Description	Domestic Water Operations Capital
Project Justification	Automation/Recording of chemical injection systems required by State Phase II.
Applicable Policy	Ammended & Restated Treatment Delivery Agreement. SWRCB regulations

2023 Capital Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 723571

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Lab Incubator

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	35,000
Outside Services	0
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	35,000

Project Description Domestic Water Laboratory Capital

Project Justification Incubator has reached life expectancy and no longer supported.

Applicable Policy Amended & Restated Treatment Delivery Agreement. ELAP regulations.

2023 Capital Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 723572

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Lab Remodel

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	100,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	100,000

Project Description	Domestic Water Laboratory Capital
Project Justification	Lab is approaching 30 yrs. in age. Flooring worn through and presenting slip hazards. Office conversion needed for additional staffing. Chemical cabinets needed to properly and safely store chemicals.
Applicable Policy	Amended & Restated Treatment Delivery Agreement. ELAP regulations.

2023 Capital Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 723573

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Terminal Reservoir Pump Drives

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	0
Seminars & Meetings	400,000
Administrative & General	0
MID Equipment	0
Totals	400,000

Project Description Domestic Water Maintenance Capital

Project Justification TR pump drives are original Rubicon drives and are no longer supported.

Applicable Policy Ammended & Restated Treatment Delivery Agreement. SWRCB regulations.

2023 Capital Budget Project Detail

Division: DOMESTIC WATER DIVISION
Project Number: 723574

Department: 8150 Modesto Domestic Water
Project Title: PRJ - Membrane Plant Blower

	2023 Proposed Budget
Labor & Benefits	0
Materials & Supplies	0
Outside Services	300,000
Seminars & Meetings	0
Administrative & General	0
MID Equipment	0
Totals	300,000

Project Description	Domestic Water Maintenance Capital
Project Justification	Additional membrane mulit-stage blower needed to meet full peak demand (36 MGD). Current system is undersized and additional aeration is needed to ensure proper functionality.
Applicable Policy	Amended & Restated Treatment Delivery Agreement. SWRCB regulations.