



Utilities Advisory Commission Proposed FY 2023 Utilities Operating and Capital Budgets

Amended Slides



ELECTRIC

MAY 4, 2022

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ELECTRIC OPERATING EXPENSES FY22 BUDGET TO ACTUALS

Expense Group	FY22 Current Budget	YTD Actuals + Encumbrances	Remaining Available Budget	Actual % of Budget	On-target, Above/Below budget
Salary & Benefits	26,106,768	19,349,737	6,757,031	74%	Below due to 30.15 FTE vacancies; partially offset by overtime and transferred salary savings to Hot Lines construction contract
Utility Purchase	105,329,457	77,594,638	27,734,819	74%	Above by \$2M includes ~9M including mid-year adjustment for more costly on the spot market purchases resulting from low hydro output
Capital Improvement Program	28,654,411	18,503,789	10,150,622	65%	Below due to shortage of staff (engineers, estimators)
Contract Services	14,945,921	10,747,649	4,198,272	72%	On target
Rent & Debt Service	14,579,750	10,910,993	3,668,757	75%	On target
Allocated Charges	10,572,835	6,008,168	4,564,667	57%	On target - pending Accounting's Q3 close
Other Expenses	20,406,311	13,225,711	7,180,600	65%	Below, about \$3.4M delay in rebates/incentives from UPS programs due to COVID and new contracts
Electric Fund Total	220,595,453	156,340,684	64,254,768	71%	

ELECTRIC HISTORICAL PROJECT ACTUALS

Project Title (No.)	Start Year	First Yr Budget	Prior Yr ACTUALS (before FY17)	FY17 ACTUALS	FY18 ACTUALS	FY19 ACTUALS	FY20 ACTUALS	FY21 ACTUALS	FY22 YTD Actuals & Encumbered	Total Actuals & Encumbered	5-Yr CIP 2023-2027 Remaining Budget	# of yrs
115 kV Electric Intertie (EL-06001)	2013	50,000	657,202	745	508	-	-	-	155,754	814,209	7,950,000	16
Coleridge/Cowper/Tennyson 4/12kV Conversion (EL-14000)	2016	120,000	-		-	29,827	82,052	68,934	-	180,813	1,250,000	3
Colorado Power Station Equipment Upgrades (EL-19001) ¹	2018	900,000	340,680		-	922,316	3,126,755	232,954	212,085	4,834,790	7,100,000	4
Colorado Substation Site Improvements (EL-19002)	2018	500,000	-			16,360	100,265	66,579	98,440	281,644	490,000	3
Electric Substation Battery Replacement (EL-15001)	2015	400,000	293,869	21,991					-	315,859	-	2
Facility Relocation for Caltrain Modernization Project (EL-17007)	2017	1,700,000	66,196	-	20,299	83,287	207,484	2,088,718	13,654	2,479,639	-	5
Foothills Rebuild (Fire Mitigation) (EL-21001)	2020	2,000,000	530,160					185,384	1,648,218	2,363,762	11,000,000	2
Inter-substation Line Protection Relay (EL-17005)	2017	167,000	55,993	51,503	159,057	94,563	24,102	37,127	23,300	445,645	854,000	6
Maybell 1 & 2 4/12kV Conversion (EL-14004)	2014	185,372	264,627	172	-	52,417			-	317,216	-	4
Rebuild Underground District 18 (EL-11006)	2013	475,000	525,140	-					-	525,140	-	4
Rebuild Underground District 24 (EL-10006)	2009	1,250,000	1,935,404	20,008	1,475	156,277	53,972	5,983	243,848	2,416,968	-	13
Reconfigure Quarry Feeders (EL-14005)	2013	400,000	345,296	169,279	-	101,121	9,681	40,649	74,382	740,408	-	8
Sand Hill / Quarry 12kV Tie (EL-13006)	2013	157,259	17,908	82,982	-				-	100,890	-	5
Smart Grid Technology Installation (EL-11014)	2016	781,766	8,353,340	17,240	162,505	97,288	136,613	96,905	7,508,179	16,372,070	10,000,000	10
Substation Breaker Replacement (EL-17002)	2017	600,000	10,824	22,513	146,253	79,472	103,012	1,004,469	204,901	1,571,443	5,850,000	6
Substation Physical Security (EL-16003)	2015	200,000	210,090	46,992	75,778	88,039	103,072	659,123	520,249	1,703,344	2,995,000	7
Underground District 46 - Charleston/El Camino Real (EL-12001)	2015	1,895,454	303,308	76,862	214,263	1,894,650	42,200	197,414	1,266,907	3,995,604	-	8
Underground District 47-Middlefield, Homer, Webster, Addison (EL-11010)	2013	2,598,525	2,653,319	632,835	31,960	25,365	46,938	5,886	2,627,901	6,024,204	-	11
Utility Control Center Upgrades (EL-17008)	2017	400,000	-	2,813	-	437,831	81,373		-	522,018	-	4
Electric Capital Projects		14,780,376	16,563,357	1,145,935	812,098	4,078,813	4,117,520	4,690,125	14,597,818	46,005,666	47,489,001	

¹ Replaced instead of refurbished one of the 115kV transformers



GAS

GAS OPERATING EXPENSES FY22 BUDGET TO ACTUALS

Expense Group	FY22 Current Budget	YTD Actuals + Encumbrances	Remaining Available Budget	Actual % of Budget	On-target, Above/Below budget
Salary & Benefits	10,919,105	8,065,378	2,853,727	74%	Below due to 5.14 FTE vacancies
Utility Purchase	23,780,287	24,410,364	(630,076)	103%	On target include ~ \$7M mid-year adjustment due to higher natural gas market prices
Capital Improvement Program	8,793,485	7,604,734	1,188,751	86%	On target
Contract Services	3,357,686	2,541,724	815,962	76%	Gas efficiency contracts are below budget as staff launches new home energy reports and building electrification programs.
Rent & Debt Service	1,422,532	531,744	890,788	37%	On target - Accounting posts principal debt payments in balance sheet accounts.
Allocated Charges	5,256,073	2,840,250	2,415,823	54%	On target - pending Accounting's Q3 close
Other Expenses	8,986,840	6,509,015	2,477,824	72%	On target
Gas Fund Total	62,516,008	52,503,209	10,012,799	84%	

GAS HISTORICAL PROJECT ACTUALS

Project Title (No.)	Start Year	First Yr Budget	Prior Yr ACTUALS (before FY17)	FY17 ACTUALS	FY18 ACTUALS	FY19 ACTUALS	FY20 ACTUALS	FY21 ACTUALS	FY22 YTD Actuals & Encumbered	Total Actuals & Encumbered	5-Yr CIP 2023-2027 Remaining Budget	# of yrs
Gas ABS/Tenite Replacement Project (GS-18000)	2018	1,500,000	53,159			31,015	987,792	839,223	-	1,911,189	-	4
Gas Main Replacement - Project 19 (GS-09002) ¹	2013	5,800,000	5,895,611						-	5,895,611	-	3
Gas Main Replacement - Project 20 (GS-10001) ¹	2013	6,614,000	4,328,444						-	4,328,444	-	3
Gas Main Replacement - Project 21 (GS-11000) ¹	2013	6,150,000	6,479,163	-	-	-			-	6,479,163	-	3
Gas Main Replacement - Project 22 (GS-12001)	2015	3,668,000	654,826	383,432	1,186,940	8,400,336	412,975	51,398	-	11,089,907	-	7
Gas Main Replacement - Project 23 (GS-13001)	2016	3,588,150	-	42,500	22,082	90,291	59,329	770,610	6,876,393	7,861,203	-	6
Security at City Gas Receiving Stations (GS-15001)	2015	150,000	15,942	69,358	6,167	31,134			-	122,602	-	4
Gas Capital Projects		27,470,150	17,427,146	495,290	1,215,189	8,552,776	1,460,096	1,661,230	6,876,393	37,688,119	-	

¹ GMR 19, 20, and 21 were combined under one contract in FY13; \$9.3M actuals in FY13 and FY14



FIBER

MAY 4, 2022

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FIBER OPERATING EXPENSES FY22 BUDGET TO ACTUALS

Expense Group	FY22 Current Budget	YTD Actuals + Encumbrances	Remaining Available Budget	Actual % of Budget	On-target, Above/Below budget
Salary & Benefits	1,621,087	974,413	646,674	60%	Below due to 1.70 FTE vacancies; 1.0 FTE Technician will be reassigned to Electric in FY23
Capital Improvement Program	2,400,462	2,157,029	243,434	90%	On target
Contract Services	751,511	535,407	216,103	71%	On target
Rent & Debt Service	54,539	39,750	14,789	73%	On target
Allocated Charges	724,778	373,719	351,059	52%	On target - pending Accounting's Q3 close
Other Expenses	123,176	108,938	14,238	88%	On target
Fiber Fund Total	5,675,553	4,189,256	1,486,297	74%	

FIBER HISTORICAL PROJECT ACTUALS

Project Title (No.)	Start Year	First Yr Budget	Prior Yr ACTUALS (before FY17)	FY17 ACTUALS	FY18 ACTUALS	FY19 ACTUALS	FY20 ACTUALS	FY21 ACTUALS	FY22 YTD Actuals & Encumbered	Total Actuals & Encumbered	5-Yr CIP 2023-2027 Remaining Budget	# of yrs
Fiber Optics Network - System Rebuild (FO-16000) ¹	2016	1,250,000	395,384	20,636	5,656	-	682	184,038	1,997,487	2,603,883	1,000,000	6
Fiber Capital Projects		1,250,000	395,384	20,636	5,656	-	682	184,038	1,997,487	2,603,883	1,000,000	

¹ System Rebuild was place on hold until completion of fiber expansion study by Magellan; FY22 YTD is \$1.0M



WASTEWATER

MAY 4, 2022

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WASTEWATER OPERATING EXPENSES FY22 BUDGET TO ACTUALS

Expense Group	FY22 Current Budget	YTD Actuals + Encumbrances	Remaining Available Budget	Actual % of Budget	On-target, Above/Below budget
Salary & Benefits	5,501,055	3,962,885	1,538,170	72%	Below due to 4.28 FTE vacancies
Utility Purchase	11,153,615	8,365,211	2,788,404	75%	On target
Capital Improvement Program	4,377,225	4,610,644	(233,419)	105%	Above due to overlapping sewer manhole contracts which will be reduced by year end
Contract Services	663,992	525,406	138,587	79%	On target
Rent & Debt Service	485,791	291,741	194,050	60%	On target - Accounting posts principal debt payments in balance sheet accounts.
Allocated Charges	3,050,597	1,656,049	1,394,548	54%	On target - pending Accounting's Q3 close
Other Expenses	714,342	586,245	128,098	82%	On target
Wastewater Fund Total	25,946,618	19,998,181	5,948,438	77%	

WASTEWATER HISTORICAL PROJECT ACTUALS

Project Title (No.)	Start Year	First Yr Budget	Prior Yr ACTUALS (before FY17)	FY17 ACTUALS	FY18 ACTUALS	FY19 ACTUALS	FY20 ACTUALS	FY21 ACTUALS	FY22 YTD Actuals & Encumbered	Total Actuals & Encumbered	5-Yr CIP 2023-2027 Remaining Budget	# of yrs
Wastewater Collection System Rehabilitation/Augmentation Project 24 (WC-11000) ¹	2010	3,120,000	1,614,990	1,265,999	121,353	-	84,251		-	3,086,593	-	7
Wastewater Collection System Rehabilitation/Augmentation Project 25 (WC-12001) ¹	2011	3,212,000	1,359,842	1,383,387	346,954	-	128,619		-	3,218,802	-	7
Wastewater Collection System Rehabilitation/Augmentation Project 26 (WC-13001) ¹	2012	3,310,000	1,209,446	1,672,424	166,536	-	155,209		-	3,203,615	-	6
Wastewater Collection System Rehabilitation/Augmentation Project 27 (WC-14001)	2015	3,410,000	307,141	2,988,313	741,531	-			-	4,036,984	-	4
Wastewater Collection System Rehabilitation/Augmentation Project 28 (WC-15001)	2016	3,513,000	-	-	47,557	430,621	2,200,390	117,224	4,139	2,799,930	-	3
Wastewater Collection System Rehabilitation/Augmentation Project 29 (WC-16001)	2017	3,610,000	-	-		113,466	654,019	1,679,785	349,927	2,797,197	-	3
Wastewater Collection System Rehabilitation/Augmentation Project 30 (WC-17001)	2018	3,712,000	344,430			-	42,317	191,055	3,587,919	4,165,721	-	2
Wastewater Capital Projects		23,887,000	4,835,850	7,310,123	1,423,931	544,087	3,264,803	1,988,063	3,941,985	23,308,842	-	

¹ SSR 24, 25, and 26 were combined under one contract in FY 2015



WATER

WATER OPERATING EXPENSES FY22 BUDGET TO ACTUALS

Expense Group	FY22 Current Budget	YTD Actuals + Encumbrances	Remaining Available Budget	Actual % of Budget	On-target, Above/Below budget
Salary & Benefits	9,996,471	8,062,707	1,933,764	81%	Below due to 5.06 FTE vacancies
Utility Purchase	21,408,998	22,100,394	(691,396)	103%	Above due to higher usage and low precipitation in spring
Capital Improvement Program	23,344,954	16,228,378	7,116,575	70%	On target
Contract Services	1,192,875	637,177	555,697	53%	Below by \$375k due to delay Water Smart conservation program
Rent & Debt Service	6,663,395	2,434,048	4,229,347	37%	Below budget by \$1M for emergency generators at pump stations
Allocated Charges	5,205,476	3,137,425	2,068,051	60%	On target - pending Accounting's quarterly close
Other Expenses	1,332,358	1,041,861	290,497	78%	On target
Water Fund Total	69,144,525	53,641,990	15,502,535	78%	

WATER HISTORICAL PROJECT ACTUALS

Project Title (No.)	Start Year	First Yr Budget	Prior Yr ACTUALS (before FY17)	FY17 ACTUALS	FY18 ACTUALS	FY19 ACTUALS	FY20 ACTUALS	FY21 ACTUALS	FY22 YTD Actuals & Encumbered	Total Actuals & Encumbered	5-Yr CIP 2023-2027 Remaining Budget	# of yrs
Mayfield Reservoir Subgrade and Venting Repair (WS-19000)	2019	200,000	-			-	36,747	258,940	-	295,687	-	2
Water Main Replacement - Project 25 (WS-11000)	2011	3,785,386	5,142,500	276,672	-	-			-	5,419,172	-	5
Water Main Replacement - Project 26 (WS-12001) ¹	2015	5,904,489	143,054	218,686	4,547,950	4,574,968	215,513	0	-	9,700,171	-	6
Water Main Replacement - Project 27 (WS-13001)	2016	6,206,216	-	42,500	862	105,524	3,972,049	301,700	-	4,422,635	-	4
Water Main Replacement - Project 28 (WS-14001)	2017	585,107	12,594	-		-	22,591	244,535	8,758,891	9,038,611	-	2
Water System Master Plan (WS-15004)	2015	155,520	298,212	358	-				-	298,570	-	3
Water Tank Seismic Upgrade and Rehabilitation (WS-09000)	2014	2,230,000	1,590,733	747,065	602,721	752,256	171,875	1,019,663	5,486,166	10,370,479	15,900,000	13
Water Capital Projects		19,066,718	7,187,094	1,285,281	5,151,533	5,432,748	4,418,774	1,824,837	14,245,057	39,545,325	15,900,000	

¹ Includes Upgrade Downtown Water Main Replacement



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