

Attachment 2 - City of Mesa Utility Fund Cash Flow Projections

As of 08/29/2022	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
WATER	\$4,184,539	(\$3,921,633)	(\$120,130)	(\$3,517,905)	(\$5,057,067)	(\$6,994,841)	(\$8,387,943)
WASTEWATER	(\$8,572,222)	(\$11,954,358)	(\$10,332,043)	(\$6,527,964)	(\$4,063,099)	(\$886,621)	\$3,955,150
SOLID WASTE	(\$4,693,206)	(\$2,861,402)	(\$2,666,194)	\$1,433,391	\$830,191	\$278,457	\$776,467
ELECTRIC	\$3,093,468	(\$2,530,032)	(\$2,106,261)	(\$1,277,723)	(\$1,602,042)	(\$1,484,154)	(\$1,742,617)
NATURAL GAS	(\$1,509,847)	(\$4,290,323)	(\$3,292,115)	(\$1,573,176)	(\$825,089)	(\$212,103)	(\$123,063)
DISTRICT COOLING	(\$687,915)	(\$341,371)	(\$1,514,786)	(\$292,314)	(\$168,419)	(\$138,238)	(\$142,945)
TOTAL NET SOURCES AND USES	(\$8,185,182)	(\$25,899,119)	(\$20,031,529)	(\$11,755,692)	(\$10,885,526)	(\$9,437,499)	(\$5,664,952)
Beginning Reserve Balance	\$151,261,238	\$143,076,056	\$117,176,937	\$97,145,407	\$85,389,716	\$74,504,190	\$65,066,691
Ending Reserve Balance	\$143,076,056	\$117,176,937	\$97,145,407	\$85,389,716	\$74,504,190	\$65,066,691	\$59,401,739
Ending Reserve Balance Percent*	30.1%	24.4%	20.0%	16.7%	13.5%	11.8%	10.4%
*As a % of Next Fiscal Year's Expenditures							
WATER Residential	2.50%	2.75%	3.50%	3.50%	3.50%	3.50%	3.50%
WATER Non-Residential (usage)	5.00%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%
WASTEWATER Residential	3.00%	4.25%	4.75%	4.75%	4.75%	4.75%	4.75%
WASTEWATER Non-Residential	4.00%	4.50%	5.00%	5.00%	5.00%	5.00%	5.00%
SOLID WASTE Residential	2.00%	2.00%	3.00%	3.00%	3.00%	3.00%	3.00%
SOLID WASTE Commercial	3.75%	4.50%	3.00%	3.00%	3.00%	3.00%	3.00%
SOLID WASTE Rolloff	3.50%	4.25%	3.00%	3.00%	3.00%	3.00%	3.00%
ELECTRIC Residential - svc charge	\$1.50	\$0.00	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50
ELECTRIC Non-Residential - svc charge	\$2.50	\$0.00	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50
GAS Residential - svc charge	\$0.50	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75
GAS Non-Residential - svc charge	\$0.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00

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TOTAL							
As of 08/29/2022	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
Sources of Funding							
Revenues	\$385,536,449	\$402,210,839	\$423,489,560	\$444,757,694	\$469,179,744	\$491,491,363	\$516,179,418
EECAF/PNGCAF Revenues	\$52,339,696	\$46,449,796	\$36,007,005	\$29,910,707	\$30,752,637	\$31,007,707	\$31,775,769
Total Sources	\$437,876,145	\$448,660,635	\$459,496,565	\$474,668,401	\$499,932,381	\$522,499,070	\$547,955,187
Uses of Funding							
Operating Expenditures	\$159,711,048	\$187,156,857	\$190,641,578	\$195,840,828	\$204,049,755	\$209,505,403	\$216,518,884
EECAF/PNGCAF Expenditures	\$49,714,662	\$47,023,972	\$36,007,005	\$29,910,707	\$30,752,637	\$31,007,707	\$31,775,769
Expenditure Subtotal	\$209,425,710	\$234,180,829	\$226,648,583	\$225,751,535	\$234,802,392	\$240,513,110	\$248,294,653
Project Costs	\$1,377,828	\$942,867	\$0	\$0	\$4,997	\$0	\$0
General Fund Transfer	\$115,660,935	\$120,663,252	\$127,046,868	\$133,427,308	\$140,753,923	\$147,447,409	\$154,853,825
Debt Service Transfer	\$100,410,969	\$104,316,835	\$111,223,344	\$117,186,790	\$123,448,004	\$130,410,805	\$136,683,564
Lifecycle/ Infrastructure Transfers	\$8,427,563	\$8,849,688	\$9,165,907	\$9,468,827	\$9,973,538	\$10,424,295	\$10,932,803
Capital Transfer	\$10,758,322	\$5,606,283	\$5,443,392	\$589,633	\$1,835,052	\$3,140,949	\$2,855,293
Total Uses	\$446,061,327	\$474,559,754	\$479,528,094	\$486,424,093	\$510,817,906	\$531,936,568	\$553,620,139
Net Sources and Uses	(\$8,185,182)	(\$25,899,119)	(\$20,031,529)	(\$11,755,692)	(\$10,885,526)	(\$9,437,499)	(\$5,664,952)
Beginning Reserve Balance	\$151,261,238	\$143,076,056	\$117,176,937	\$97,145,407	\$85,389,716	\$74,504,190	\$65,066,691
Ending Reserve Balance	\$143,076,056	\$117,176,937	\$97,145,407	\$85,389,716	\$74,504,190	\$65,066,691	\$59,401,739
Ending Reserve Balance Percent*	30.1%	24.4%	20.0%	16.7%	13.5%	11.8%	10.4%

*As a % of Next Fiscal Year's Expenditures

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WATER	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
Sources of Funding							
Residential Rate Revenues	\$92,674,627	\$97,267,172	\$101,519,310	\$105,074,112	\$110,279,179	\$114,095,492	\$119,188,785
Non-Residential Rate Revenues	\$64,164,168	\$74,088,195	\$80,421,799	\$86,350,415	\$93,204,333	\$99,301,257	\$105,659,729
Other Revenues	\$9,417,155	\$5,664,274	\$5,459,519	\$5,462,374	\$5,465,283	\$5,468,252	\$5,471,253
Total Sources	\$166,255,950	\$177,019,641	\$187,400,629	\$196,886,901	\$208,948,795	\$218,865,001	\$230,319,767
Uses of Funding							
Operating Expenditures	\$60,146,873	\$72,830,388	\$74,739,345	\$78,807,451	\$83,293,313	\$86,154,041	\$89,101,291
Project Costs	\$373,022	\$341,098	\$0	\$0	\$214	\$0	\$0
General Fund Transfer	\$49,876,785	\$53,105,892	\$56,220,189	\$59,066,070	\$62,684,638	\$65,659,500	\$69,095,930
Debt Service Transfer	\$47,916,919	\$49,427,296	\$51,283,189	\$58,366,063	\$63,552,683	\$69,454,269	\$75,695,797
Lifecycle/ Infrastructure Transfers	\$3,325,119	\$3,540,393	\$3,748,013	\$3,937,738	\$4,178,976	\$4,377,300	\$4,606,395
Capital Transfer	\$432,693	\$1,696,207	\$1,530,022	\$227,483	\$296,037	\$214,733	\$208,297
Total Uses	\$162,071,411	\$180,941,274	\$187,520,758	\$200,404,806	\$214,005,862	\$225,859,843	\$238,707,711
Net Sources and Uses	\$4,184,539	(\$3,921,633)	(\$120,130)	(\$3,517,905)	(\$5,057,067)	(\$6,994,841)	(\$8,387,943)
WASTEWATER	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
Sources of Funding							
Residential Rate Revenues	\$51,399,590	\$51,536,709	\$54,580,294	\$57,176,619	\$60,615,569	\$63,650,290	\$67,328,529
Non-Residential Rate Revenues	\$40,397,198	\$42,887,125	\$45,454,241	\$48,170,334	\$51,156,107	\$54,260,742	\$57,589,835
Other Revenues	\$2,498,502	\$3,123,500	\$3,124,475	\$3,125,456	\$3,126,444	\$3,127,438	\$3,128,439
Total Sources	\$94,295,290	\$97,547,334	\$103,159,010	\$108,472,409	\$114,898,121	\$121,038,470	\$128,046,804
Uses of Funding							
Operating Expenditures	\$32,648,024	\$38,313,594	\$39,145,866	\$39,940,593	\$41,459,701	\$42,504,595	\$43,865,214
Project Costs	\$262,558	\$176,281	\$0	\$0	\$4,783	\$0	\$0
General Fund Transfer	\$28,288,587	\$29,264,200	\$30,947,703	\$32,541,723	\$34,469,436	\$36,311,541	\$38,414,041
Debt Service Transfer	\$39,564,053	\$37,543,773	\$40,297,785	\$40,204,525	\$40,582,726	\$40,519,550	\$39,135,249
Lifecycle/ Infrastructure Transfers	\$1,885,906	\$1,950,947	\$2,063,180	\$2,169,448	\$2,297,962	\$2,420,769	\$2,560,936
Capital Transfer	\$218,384	\$2,252,897	\$1,036,519	\$144,085	\$146,611	\$168,636	\$116,213
Total Uses	\$102,867,512	\$109,501,691	\$113,491,054	\$115,000,374	\$118,961,219	\$121,925,091	\$124,091,654
Net Sources and Uses	(\$8,572,222)	(\$11,954,358)	(\$10,332,043)	(\$6,527,964)	(\$4,063,099)	(\$886,621)	\$3,955,150

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SOLID WASTE	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
Sources of Funding							
Revenues	\$66,510,900	\$68,112,307	\$70,529,912	\$73,968,615	\$76,751,801	\$79,640,779	\$82,641,962
Uses of Funding							
Operating Expenditures	\$41,035,073	\$47,087,666	\$46,758,079	\$47,632,176	\$48,953,944	\$50,115,783	\$51,896,224
Project Costs	\$372,493	\$240,341	\$0	\$0	\$0	\$0	\$0
General Fund Transfer	\$19,953,270	\$20,433,692	\$21,158,974	\$22,190,585	\$23,025,540	\$23,892,234	\$24,792,589
Debt Service Transfer	\$794,951	\$671,424	\$993,480	\$1,016,771	\$1,016,657	\$1,004,742	\$994,431
Lifecycle/ Infrastructure Transfers	\$1,330,218	\$1,362,246	\$1,410,598	\$1,479,372	\$1,535,036	\$1,592,816	\$1,652,839
Capital Transfer	\$7,718,101	\$1,178,340	\$2,874,975	\$216,321	\$1,390,432	\$2,756,747	\$2,529,413
Total Uses	\$71,204,106	\$70,973,708	\$73,196,106	\$72,535,224	\$75,921,610	\$79,362,321	\$81,865,496
Net Sources and Uses	(\$4,693,206)	(\$2,861,402)	(\$2,666,194)	\$1,433,391	\$830,191	\$278,457	\$776,467
ELECTRIC	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
Sources of Funding							
Revenues	\$19,266,443	\$19,064,106	\$19,506,840	\$20,397,578	\$21,345,578	\$22,258,902	\$23,155,906
EECAF Revenues	\$32,948,649	\$25,364,105	\$23,561,407	\$17,153,969	\$17,676,981	\$17,605,159	\$18,038,157
Total Sources	\$52,215,092	\$44,428,211	\$43,068,247	\$37,551,547	\$39,022,559	\$39,864,061	\$41,194,063
Uses of Funding							
Operating Expenditures	\$7,932,408	\$9,886,699	\$9,984,066	\$10,262,009	\$10,722,374	\$10,765,651	\$11,033,292
EECAF Expenditures	\$31,296,153	\$25,938,281	\$23,561,407	\$17,153,969	\$17,676,981	\$17,605,159	\$18,038,157
Expenditure Subtotal	\$39,228,561	\$35,824,980	\$33,545,473	\$27,415,978	\$28,399,355	\$28,370,810	\$29,071,449
Project Costs	\$139,732	\$83,840	\$0	\$0	\$0	\$0	\$0
General Fund Transfer	\$5,779,933	\$5,719,232	\$5,852,052	\$6,119,273	\$6,403,673	\$6,677,670	\$6,946,772
Debt Service Transfer	\$3,229,096	\$4,065,455	\$4,915,619	\$4,542,988	\$5,041,121	\$5,502,453	\$6,094,578
Lifecycle/ Infrastructure Transfers	\$744,302	\$788,564	\$861,365	\$751,031	\$780,451	\$797,281	\$823,881
Capital Transfer	\$0	\$476,172	\$0	\$0	\$0	\$0	\$0
Total Uses	\$49,121,624	\$46,958,243	\$45,174,509	\$38,829,270	\$40,624,601	\$41,348,214	\$42,936,680
Net Sources and Uses	\$3,093,468	(\$2,530,032)	(\$2,106,261)	(\$1,277,723)	(\$1,602,042)	(\$1,484,154)	(\$1,742,617)

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NATURAL GAS	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
Sources of Funding							
Revenues	\$37,709,866	\$39,291,236	\$41,691,967	\$43,805,138	\$45,979,990	\$48,403,886	\$50,699,964
PNGCAF Revenues	\$19,391,047	\$21,085,691	\$12,445,598	\$12,756,738	\$13,075,656	\$13,402,548	\$13,737,612
Total Sources	\$57,100,913	\$60,376,927	\$54,137,565	\$56,561,876	\$59,055,646	\$61,806,434	\$64,437,576
Uses of Funding							
Operating Expenditures	\$16,384,513	\$17,876,456	\$17,660,470	\$18,049,091	\$18,575,153	\$18,928,903	\$19,560,777
PNGCAF Expenditures	\$18,418,509	\$21,085,691	\$12,445,598	\$12,756,738	\$13,075,656	\$13,402,548	\$13,737,612
Expenditure Subtotal	\$34,803,022	\$38,962,147	\$30,106,068	\$30,805,829	\$31,650,809	\$32,331,451	\$33,298,389
Project Costs	\$230,016	\$101,307	\$0	\$0	\$0	\$0	\$0
General Fund Transfer	\$11,312,960	\$11,787,371	\$12,507,590	\$13,141,541	\$13,793,997	\$14,521,166	\$15,209,989
Debt Service Transfer	\$8,905,951	\$12,608,887	\$13,733,270	\$13,056,444	\$13,254,816	\$13,929,792	\$14,763,509
Lifecycle/ Infrastructure Transfers	\$1,142,018	\$1,207,539	\$1,082,751	\$1,131,238	\$1,181,113	\$1,236,129	\$1,288,752
Capital Transfer	\$2,216,793	\$0	\$0	\$0	\$0	\$0	\$0
Total Uses	\$58,610,760	\$64,667,251	\$57,429,680	\$58,135,052	\$59,880,735	\$62,018,537	\$64,560,639
Net Sources and Uses	(\$1,509,847)	(\$4,290,323)	(\$3,292,115)	(\$1,573,176)	(\$825,089)	(\$212,103)	(\$123,063)
DISTRICT COOLING	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast	FY 27/28 Forecast
Sources of Funding							
Revenues	\$1,498,000	\$1,176,215	\$1,201,201	\$1,227,053	\$1,255,459	\$1,284,325	\$1,315,015
Uses of Funding							
Operating Expenditures	\$1,564,157	\$1,162,055	\$2,353,752	\$1,149,508	\$1,045,270	\$1,036,432	\$1,062,086
General Fund Transfer	\$449,400	\$352,865	\$360,360	\$368,116	\$376,638	\$385,297	\$394,504
Project Costs	\$7	\$0	\$0	\$0	\$0	\$0	\$0
Capital Transfer	\$172,351	\$2,667	\$1,876	\$1,744	\$1,971	\$833	\$1,370
Total Uses	\$2,185,915	\$1,517,586	\$2,715,988	\$1,519,367	\$1,423,879	\$1,422,562	\$1,457,960
Net Sources and Uses	(\$687,915)	(\$341,371)	(\$1,514,786)	(\$292,314)	(\$168,419)	(\$138,238)	(\$142,945)