

Attachment 2 - City of Mesa Utility Fund Cash Flow Projections

As of 08/31/2021	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Forecast	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast
WATER	\$16,910,201	(\$6,938,401)	(\$1,920,584)	\$762,790	(\$5,843,419)	(\$9,383,523)	(\$12,801,029)
WASTEWATER	(\$11,423,546)	(\$11,314,449)	(\$8,291,052)	(\$8,207,583)	(\$6,056,079)	(\$3,575,249)	(\$860,038)
SOLID WASTE	\$5,691,119	(\$5,625,584)	\$1,083,861	\$4,188,132	\$1,260,776	\$4,928,170	\$6,047,119
ELECTRIC	\$1,159,913	\$1,392,829	(\$141,377)	(\$1,222,666)	(\$596,531)	(\$639,010)	(\$697,063)
NATURAL GAS	(\$2,306,409)	\$963,199	\$129,290	(\$475,337)	\$157,276	\$597,012	\$917,502
DISTRICT COOLING	(\$179,475)	(\$494,503)	(\$54,508)	(\$59,951)	(\$103,641)	(\$234,463)	(\$29,430)
TOTAL NET SOURCES AND USES	\$9,851,803	(\$22,016,908)	(\$9,194,370)	(\$5,014,613)	(\$11,181,618)	(\$8,307,063)	(\$7,422,938)
Beginning Reserve Balance	\$136,773,320	\$146,625,123	\$124,608,215	\$115,413,845	\$110,399,232	\$99,217,614	\$90,910,551
Ending Reserve Balance	\$146,625,123	\$124,608,215	\$115,413,845	\$110,399,232	\$99,217,614	\$90,910,551	\$83,487,613
Ending Reserve Balance Percent*	32.2%	27.7%	25.0%	23.1%	20.1%	17.2%	15.8%
*As a % of Next Fiscal Year's Expenditures							
WATER Residential	1.50%	3.00%	2.50%	2.00%	2.00%	2.00%	2.00%
WATER Non-Residential (usage)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	3.00%
WASTEWATER Residential	3.50%	3.50%	4.00%	4.00%	4.00%	4.00%	4.00%
WASTEWATER Non-Residential	4.00%	4.00%	4.50%	4.50%	4.50%	4.50%	4.50%
SOLID WASTE Residential	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
SOLID WASTE Commercial	2.00%	3.75%	2.00%	2.00%	2.00%	2.00%	2.00%
SOLID WASTE Rolloff	2.00%	3.25%	2.00%	2.00%	2.00%	2.00%	2.00%
ELECTRIC Residential - svc charge	\$1.50	\$1.50	\$2.00	\$2.50	\$2.50	\$2.50	\$2.50
ELECTRIC Non-Residential - svc charge	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50
GAS Residential - svc charge	\$0.50	\$0.50	\$0.75	\$1.00	\$1.00	\$1.00	\$1.00
GAS Non-Residential - svc charge	\$2.00	\$0.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00

Attachment 2 - City of Mesa Utility Fund Cash Flow Projections

TOTAL

As of 08/31/2021

	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Forecast	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast
Sources of Funding							
Revenues	\$379,734,707	\$384,465,110	\$400,369,466	\$416,952,589	\$432,058,477	\$450,608,933	\$467,762,835
EECAF/PNGCAF Revenues	\$22,358,236	\$48,800,473	\$39,905,884	\$40,608,312	\$34,051,591	\$34,675,106	\$35,837,570
Total Sources	\$402,092,943	\$433,265,582	\$440,275,350	\$457,560,901	\$466,110,068	\$485,284,039	\$503,600,405
Uses of Funding							
Operating Expenditures	\$149,242,290	\$170,343,119	\$174,463,065	\$177,221,265	\$184,142,805	\$189,579,636	\$193,862,195
EECAF/PNGCAF Expenditures	\$29,973,664	\$45,821,161	\$39,905,884	\$40,608,312	\$34,051,591	\$34,675,106	\$35,837,570
Expenditure Subtotal	\$179,215,954	\$216,164,280	\$214,368,949	\$217,829,577	\$218,194,396	\$224,254,742	\$229,699,765
Project Costs	\$620,870	\$1,734,136	\$368,875	\$0	\$0	\$5,067	\$0
General Fund Transfer	\$113,920,412	\$115,339,533	\$120,110,840	\$125,085,777	\$129,617,543	\$135,182,680	\$140,328,850
Debt Service Transfer	\$90,164,225	\$100,299,109	\$104,073,480	\$109,986,297	\$116,726,098	\$123,663,772	\$130,458,858
Lifecycle/ Infrastructure Transfers	\$8,018,679	\$8,340,352	\$8,680,010	\$9,125,276	\$9,295,774	\$9,678,697	\$10,044,381
Capital Transfer	\$301,000	\$13,405,082	\$1,867,567	\$548,587	\$3,457,874	\$806,145	\$491,488
Total Uses	\$392,241,140	\$455,282,491	\$449,469,720	\$462,575,514	\$477,291,686	\$493,591,102	\$511,023,343
Net Sources and Uses	\$9,851,803	(\$22,016,908)	(\$9,194,370)	(\$5,014,613)	(\$11,181,618)	(\$8,307,063)	(\$7,422,938)
Beginning Reserve Balance	\$136,773,320	\$146,625,123	\$124,608,215	\$115,413,845	\$110,399,232	\$99,217,614	\$90,910,551
Ending Reserve Balance	\$146,625,123	\$124,608,215	\$115,413,845	\$110,399,232	\$99,217,614	\$90,910,551	\$83,487,613
Ending Reserve Balance Percent*	32.2%	27.7%	25.0%	23.1%	20.1%	17.2%	15.8%

*As a % of Next Fiscal Year's Expenditures

Attachment 2 - City of Mesa Utility Fund Cash Flow Projections

WATER	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Forecast	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast
Sources of Funding							
Residential Rate Revenues	\$95,310,227	\$95,143,279	\$98,724,230	\$101,988,849	\$103,789,097	\$107,272,918	\$109,658,329
Non-Residential Rate Revenues	\$67,060,860	\$66,896,112	\$69,986,902	\$73,202,948	\$76,827,192	\$81,256,381	\$85,358,511
Other Revenues	\$7,686,942	\$5,264,567	\$5,056,700	\$5,056,919	\$5,057,157	\$5,057,432	\$5,057,750
Total Sources	\$170,058,029	\$167,303,958	\$173,767,832	\$180,248,716	\$185,673,446	\$193,586,731	\$200,074,589
Uses of Funding							
Operating Expenditures	\$58,986,360	\$66,616,862	\$69,757,420	\$71,137,318	\$74,407,150	\$78,043,713	\$80,031,371
Project Costs	\$157,703	\$548,836	\$114,468	\$0	\$0	\$217	\$0
General Fund Transfer	\$51,017,409	\$50,191,187	\$52,130,350	\$54,074,615	\$55,702,034	\$58,076,019	\$60,022,377
Debt Service Transfer	\$39,585,196	\$47,966,632	\$50,005,642	\$50,447,280	\$57,547,614	\$62,797,762	\$68,626,292
Lifecycle/ Infrastructure Transfers	\$3,401,161	\$3,346,079	\$3,475,357	\$3,604,974	\$3,713,469	\$3,871,735	\$4,001,492
Capital Transfer	\$0	\$5,572,762	\$205,181	\$221,738	\$146,598	\$180,809	\$194,087
Total Uses	\$153,147,828	\$174,242,358	\$175,688,416	\$179,485,926	\$191,516,865	\$202,970,254	\$212,875,618
Net Sources and Uses	\$16,910,201	(\$6,938,401)	(\$1,920,584)	\$762,790	(\$5,843,419)	(\$9,383,523)	(\$12,801,029)
WASTEWATER	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Forecast	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast
Sources of Funding							
Residential Rate Revenues	\$46,816,243	\$51,342,909	\$53,854,933	\$56,733,408	\$59,335,092	\$62,671,161	\$65,780,509
Non-Residential Rate Revenues	\$37,910,126	\$39,277,707	\$40,650,771	\$42,370,833	\$44,182,558	\$46,065,366	\$48,015,118
Other Revenues	\$3,046,718	\$2,973,500	\$2,973,500	\$2,973,500	\$2,973,500	\$2,973,500	\$2,973,500
Total Sources	\$87,773,087	\$93,594,116	\$97,479,204	\$102,077,742	\$106,491,150	\$111,710,026	\$116,769,127
Uses of Funding							
Operating Expenditures	\$29,507,239	\$34,959,798	\$35,195,194	\$35,846,635	\$36,726,349	\$37,373,370	\$38,164,060
Project Costs	\$89,122	\$336,850	\$67,515	\$0	\$0	\$4,850	\$0
General Fund Transfer	\$26,331,926	\$28,078,235	\$29,243,761	\$30,623,323	\$31,947,345	\$33,513,008	\$35,030,738
Debt Service Transfer	\$41,256,885	\$39,527,269	\$39,162,476	\$41,617,572	\$41,641,086	\$42,071,233	\$41,943,753
Lifecycle/ Infrastructure Transfers	\$1,755,462	\$1,871,882	\$1,949,584	\$2,041,555	\$2,129,823	\$2,234,201	\$2,335,383
Capital Transfer	\$256,000	\$134,531	\$151,725	\$156,240	\$102,627	\$88,614	\$155,231
Total Uses	\$99,196,633	\$104,908,565	\$105,770,256	\$110,285,324	\$112,547,229	\$115,285,276	\$117,629,165
Net Sources and Uses	(\$11,423,546)	(\$11,314,449)	(\$8,291,052)	(\$8,207,583)	(\$6,056,079)	(\$3,575,249)	(\$860,038)

Attachment 2 - City of Mesa Utility Fund Cash Flow Projections

SOLID WASTE	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Forecast	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast
Sources of Funding							
Revenues	\$64,637,887	\$66,002,537	\$68,306,499	\$71,387,159	\$73,895,647	\$76,440,283	\$79,092,148
Uses of Funding							
Operating Expenditures	\$37,454,743	\$42,284,787	\$43,077,430	\$43,552,173	\$45,123,432	\$45,858,132	\$46,949,218
Project Costs	\$126,548	\$470,132	\$105,569	\$0	\$0	\$0	\$0
General Fund Transfer	\$19,391,366	\$19,800,761	\$20,491,950	\$21,416,148	\$22,168,694	\$22,932,085	\$23,727,645
Debt Service Transfer	\$681,353	\$695,842	\$671,424	\$633,480	\$656,771	\$656,657	\$644,742
Lifecycle/ Infrastructure Transfers	\$1,292,758	\$1,320,051	\$1,366,130	\$1,427,743	\$1,477,913	\$1,528,806	\$1,581,843
Capital Transfer	\$0	\$7,056,548	\$1,510,136	\$169,483	\$3,208,062	\$536,433	\$141,582
Total Uses	\$58,946,768	\$71,628,121	\$67,222,638	\$67,199,027	\$72,634,871	\$71,512,113	\$73,045,029
Net Sources and Uses	\$5,691,119	(\$5,625,584)	\$1,083,861	\$4,188,132	\$1,260,776	\$4,928,170	\$6,047,119
ELECTRIC	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Forecast	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast
Sources of Funding							
Revenues	\$18,841,058	\$19,226,182	\$19,992,867	\$20,723,935	\$21,549,691	\$22,374,830	\$23,210,747
EECAF Revenues	\$13,778,304	\$33,765,979	\$26,518,565	\$26,740,054	\$19,773,746	\$19,683,841	\$20,160,870
Total Sources	\$32,619,362	\$52,992,162	\$46,511,432	\$47,463,989	\$41,323,437	\$42,058,671	\$43,371,617
Uses of Funding							
Operating Expenditures	\$6,937,132	\$8,760,364	\$8,911,756	\$9,031,490	\$9,464,030	\$9,576,389	\$9,783,115
EECAF Expenditures	\$15,785,023	\$32,920,470	\$26,518,565	\$26,740,054	\$19,773,746	\$19,683,841	\$20,160,870
Expenditure Subtotal	\$22,722,155	\$41,680,834	\$35,430,321	\$35,771,544	\$29,237,776	\$29,260,230	\$29,943,985
Project Costs	\$44,384	\$169,741	\$36,826	\$0	\$0	\$0	\$0
General Fund Transfer	\$5,652,317	\$5,767,855	\$5,997,860	\$6,217,181	\$6,464,907	\$6,712,449	\$6,963,224
Debt Service Transfer	\$2,388,205	\$3,221,059	\$4,357,573	\$5,748,651	\$5,390,817	\$5,883,829	\$6,294,039
Lifecycle/ Infrastructure Transfers	\$652,387	\$759,843	\$830,229	\$949,280	\$826,469	\$841,173	\$867,432
Capital Transfer	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Uses	\$31,459,449	\$51,599,332	\$46,652,809	\$48,686,655	\$41,919,968	\$42,697,681	\$44,068,680
Net Sources and Uses	\$1,159,913	\$1,392,829	(\$141,377)	(\$1,222,666)	(\$596,531)	(\$639,010)	(\$697,063)

Attachment 2 - City of Mesa Utility Fund Cash Flow Projections

NATURAL GAS	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Forecast	FY 23/24 Forecast	FY 24/25 Forecast	FY 25/26 Forecast	FY 26/27 Forecast
Sources of Funding							
Revenues	\$37,265,646	\$37,090,317	\$39,548,198	\$41,217,958	\$43,127,197	\$45,147,857	\$47,234,846
PNGCAF Revenues	\$8,579,932	\$15,034,494	\$13,387,319	\$13,868,258	\$14,277,845	\$14,991,265	\$15,676,700
Total Sources	\$45,845,578	\$52,124,810	\$52,935,517	\$55,086,216	\$57,405,042	\$60,139,122	\$62,911,547
Uses of Funding							
Operating Expenditures	\$15,411,041	\$16,354,047	\$16,574,875	\$16,686,869	\$17,393,850	\$17,549,415	\$17,938,626
PNGCAF Expenditures	\$14,188,641	\$12,900,691	\$13,387,319	\$13,868,258	\$14,277,845	\$14,991,265	\$15,676,700
Expenditure Subtotal	\$29,599,682	\$29,254,738	\$29,962,194	\$30,555,127	\$31,671,695	\$32,540,680	\$33,615,327
Project Costs	\$203,113	\$208,577	\$44,498	\$0	\$0	\$0	\$0
General Fund Transfer	\$11,179,694	\$11,127,095	\$11,864,459	\$12,365,388	\$12,938,159	\$13,544,357	\$14,170,454
Debt Service Transfer	\$6,252,587	\$8,888,307	\$9,876,366	\$11,539,314	\$11,489,811	\$12,254,291	\$12,950,033
Lifecycle/ Infrastructure Transfers	\$916,912	\$1,042,496	\$1,058,710	\$1,101,724	\$1,148,101	\$1,202,782	\$1,258,231
Capital Transfer	\$0	\$640,398	\$0	\$0	\$0	\$0	\$0
Total Uses	\$48,151,987	\$51,161,611	\$52,806,227	\$55,561,553	\$57,247,766	\$59,542,110	\$61,994,044
Net Sources and Uses	(\$2,306,409)	\$963,199	\$129,290	(\$475,337)	\$157,276	\$597,012	\$917,502
DISTRICT COOLING							
Sources of Funding							
Revenues	\$1,159,000	\$1,248,000	\$1,274,866	\$1,297,078	\$1,321,346	\$1,349,205	\$1,381,377
Uses of Funding							
Operating Expenditures	\$945,775	\$1,367,260	\$946,389	\$966,780	\$1,027,995	\$1,178,618	\$995,805
General Fund Transfer	\$347,700	\$374,400	\$382,460	\$389,123	\$396,404	\$404,762	\$414,413
Project Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Transfer	\$45,000	\$843	\$525	\$1,126	\$588	\$289	\$588
Total Uses	\$1,338,475	\$1,742,503	\$1,329,374	\$1,357,028	\$1,424,987	\$1,583,668	\$1,410,806
Net Sources and Uses	(\$179,475)	(\$494,503)	(\$54,508)	(\$59,951)	(\$103,641)	(\$234,463)	(\$29,430)