

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2023-FY2032
Electric Distribution

	1.50%	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
Expenditure Forecast											
Supervision, Misc Direct Admin		858,402	863,287	876,236	889,380	902,721	916,261	930,005	943,955	958,115	972,486
Substation Maintenance		36,690	37,070	37,626	38,190	38,763	39,345	39,935	40,534	41,142	41,759
Switching Station Maintenance		83,292	73,215	74,313	75,428	76,559	77,708	78,873	80,056	81,257	82,476
Overhead Maintenance		586,028	593,274	602,173	611,206	620,374	629,679	639,125	648,711	658,442	668,319
Underground Maintenance		691,517	700,082	710,583	721,242	732,061	743,042	754,187	765,500	776,982	788,637
Meter Maintenance		106,650	108,390	110,016	111,666	113,341	115,041	116,767	118,518	120,296	122,101
Budget Revisions/Carryovers											
Interdepartmental Charges		1,214,960	1,145,319	1,162,499	1,179,936	1,197,635	1,215,600	1,233,834	1,252,341	1,271,126	1,290,193
Administrative Division Allocation		976,752	841,332	853,952	866,761	879,763	892,959	906,354	919,949	933,748	947,754
In Lieu Taxes & Franchise fee		564,406	587,816	465,061	482,704	501,236	516,802	528,936	545,701	549,966	544,368
Debt Service		982,377	2,637,584	2,668,623	2,831,118	2,814,777	2,808,179	2,788,592	2,779,121	2,286,743	2,285,760
Cost of Power		8,175,262	6,820,031	7,123,203	6,704,196	6,743,439	6,988,607	6,972,336	6,988,234	7,042,059	7,058,117
Total Operations Expenses		14,276,336	14,407,400	14,684,286	14,511,828	14,620,669	14,943,222	14,988,943	15,082,622	14,719,877	14,801,970
Capital		650,000	6,375,000	10,875,000	4,575,000	4,350,000	4,800,000	5,250,000	4,500,000	8,550,000	2,200,000
Capital Paid with Debt/Grants/Reimb		-	6,375,000	10,500,000	4,575,000	2,550,000	-	-	-	6,000,000	-
Total Expenses		14,926,336	14,407,400	15,059,286	14,511,828	16,420,669	19,743,222	20,238,943	19,582,622	17,269,877	17,001,970
Profit Transfer		654,033	704,366	752,631	790,564	830,408	863,873	889,962	926,008	935,176	923,141
Total Cash Requirements		15,580,369	15,111,765	15,811,917	15,302,391	17,251,077	20,607,096	21,128,906	20,508,630	18,205,053	17,925,111
Revenue Forecast											
KWh Sales		123,550,698	126,722,645	128,958,151	130,247,733	131,550,210	132,865,712	134,194,369	136,891,676	135,536,313	131,168,612
Revenue per KWh		\$0.1231	\$0.1293	\$0.1357	\$0.1412	\$0.1468	\$0.1512	\$0.1542	\$0.1573	\$0.1605	\$0.1637
Rate Increase Percentage		5.0%	5.0%	5.0%	4.0%	4.0%	3.0%	2.0%	2.0%	2.0%	2.0%
Total Sales Revenue		15,210,078	16,380,599	17,503,047	18,385,200	19,311,814	20,090,080	20,696,801	21,535,063	21,748,281	21,468,384
Bond Federal Subsidy		67,942	66,045	64,099	58,759	47,731	36,358	24,555	12,493	-	-
Interest on Utility Reserves		-	-	20,993	71,851	158,639	221,769	221,749	223,557	261,571	363,144
Pole Rentals		53,601	53,601	53,601	53,601	53,601	53,601	53,601	53,601	53,601	53,601
Misc. Service Revenues		54,500	54,500	54,500	54,500	54,500	54,500	54,500	54,500	54,500	54,500
Revenue on Recoverable Work		150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Total Cash Inflow		15,536,122	16,704,745	17,846,240	18,773,911	19,776,285	20,606,308	21,201,206	22,029,213	22,267,953	22,089,629
R&R and Cash Flows											
Net Cash Flow		(44,248)	1,592,980	2,034,323	3,471,520	2,525,207	(787)	72,301	1,520,584	4,062,901	4,164,518
Cumulative Net Cash Flow		(44,248)	1,548,732	3,583,055	7,054,574	9,579,782	9,578,994	9,651,295	11,171,879	15,234,779	19,399,298
Cash Balance		(753,267)	839,713	2,874,035	6,345,555	8,870,763	8,869,975	8,942,276	10,462,860	14,525,760	18,690,279
Recommended Cash Balance		13,843,406	13,941,989	14,038,687	13,486,816	13,788,304	14,967,589	16,934,142	16,969,562	16,804,963	18,008,209

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023-FY2032
 Electric Production

	1.50%	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
Total Cash Requirements		46,617,235	45,710,885	46,523,625	40,457,862	40,829,649	45,924,455	53,217,817	51,326,719	51,323,238	51,484,054
Net Change in Retirement Reserve Balances		(571,008)	(604,556)	(518,121)	631,904	652,427	622,325	285,009	143,293	(12,849)	10,163
	1.01%										
Revenue Forecast											
Mwh Sales - LANL		490,882	490,439	471,039	485,207	491,914	591,149	742,708	735,550	735,550	807,174
Mwh Sales - LAC Distribution		123,551	126,723	128,958	130,248	131,550	132,866	134,194	136,892	135,536	135,536
Total Mwh Sales		614,433	617,161	599,997	615,455	623,464	724,015	876,903	872,442	871,086	942,711
Revenue per Mwh		\$58.17	\$54.19	\$55.66	\$51.74	\$51.43	\$51.38	\$50.79	\$48.73	\$48.62	\$44.93
DOE Revenues		27,568,622	26,626,615	26,275,464	25,141,304	25,318,897	30,207,792	37,563,648	35,523,907	35,601,142	35,601,142
Economy Sales		10,138,359	11,498,817	12,967,290	8,458,283	8,617,753	8,583,156	8,541,770	8,679,458	8,840,801	9,001,617
Interest on Reserves		130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,001	130,001
Bond Federal Subsidy		33,984	30,867	27,669	24,080	19,561	14,900	10,063	5,120	-	-
Transfer from Distribution Fund		8,175,262	6,820,031	7,123,203	6,704,196	6,743,439	6,988,607	6,972,336	6,988,234	6,751,294	6,751,294
Total Cash Inflow		46,046,227	45,106,329	46,523,625	40,457,862	40,829,649	45,924,455	53,217,817	51,326,719	51,323,238	51,484,054
Net Cash Flow		(0)	0	518,121	(631,904)	(652,427)	(622,325)	(285,009)	(143,293)	12,849	(10,163)
Cumulative Net Cash Flow		(0)	(0)	518,121	(113,783)	(766,210)	(1,388,535)	(1,673,544)	(1,816,837)	(1,803,988)	(1,814,151)
Cash Balance		13,146,691	13,146,692	13,664,812	13,032,908	12,380,481	11,758,156	11,473,148	11,329,855	11,342,704	11,332,541
Recommended Cash Balance		19,342,866	19,229,595	18,472,702	18,117,720	17,764,829	18,108,639	18,210,970	18,539,634	17,305,133	17,762,091
Reserves											
Retirement/Reclamation Reserve		9,919,257	10,343,349	9,401,546	9,118,462	8,814,322	8,541,507	8,606,708	8,962,375	9,336,671	9,726,165
Identified items on site		323,185	328,033	332,953	337,948	343,017	348,162	353,385	358,685	364,066	369,527
San Juan Decommissioning		5,651,820	5,840,220	6,028,620	6,217,020	6,405,420	6,593,820	6,782,220	7,121,331	7,477,398	7,851,267
Laramie River Decommissioning		916,980	955,980	994,980	1,033,980	1,072,980	1,111,980	1,150,980	1,189,980	1,228,980	1,267,980
San Juan Mine Reclamation		3,027,272	3,219,116	2,044,992	1,529,514	992,905	487,545	320,124	292,379	266,228	237,391

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023 through FY2032
 Electric Fund Cash Reserve Analysis

	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
ELECTRIC DIST & PROD CASH RESERVES										
Combined Cash Balance ED & EP	12,393,424	13,986,404	16,538,848	19,378,463	21,251,244	20,628,132	20,415,424	21,792,715	25,868,464	30,022,820
Recommended Cash Balance (ED)	13,843,406	13,941,989	14,038,687	13,486,816	13,788,304	14,967,589	16,934,142	16,969,562	16,804,963	18,008,209
Recommended Cash Balance (EP)	19,342,866	19,229,595	18,472,702	18,117,720	17,764,829	18,108,639	18,210,970	18,539,634	17,305,133	17,762,091
Recommended Cash Balance	33,186,271	33,171,584	32,511,389	31,604,537	31,553,133	33,076,228	35,145,112	35,509,195	34,110,095	35,770,300
TARGET RESERVE BALANCES										
Debt Service Reserve	3,004,619	3,142,351	3,143,925	3,156,663	3,154,777	3,154,122	3,152,037	3,150,477	1,434,646	1,434,564
Retirement/Reclamation Reserve	9,919,257	10,343,349	9,401,546	9,118,462	8,814,322	8,541,507	8,606,708	8,962,375	9,336,671	9,726,165
Identified items on site	323,185	328,033	332,953	337,948	343,017	348,162	353,385	358,685	364,066	369,527
San Juan Decommissioning	5,651,820	5,840,220	6,028,620	6,217,020	6,405,420	6,593,820	6,782,220	7,121,331	7,477,398	7,851,267
Laramie River Decommissioning	916,980	955,980	994,980	1,033,980	1,072,980	1,111,980	1,150,980	1,189,980	1,228,980	1,267,980
San Juan Mine Reclamation	3,027,272	3,219,116	2,044,992	1,529,514	992,905	487,545	320,124	292,379	266,228	237,391
Operations Reserve	9,060,017	8,435,197	8,588,934	8,558,266	8,553,007	9,211,729	9,290,102	9,307,494	9,411,401	9,512,375
Capital Expenditures Reserve	2,446,431	2,531,210	2,698,093	2,978,367	3,095,601	3,207,070	3,330,070	3,464,601	3,579,913	3,799,007
Contingency Reserve	538,642	546,722	554,922	563,246	571,695	580,270	588,974	597,809	606,776	615,878
Rate Stabilization Reserve	8,217,306	8,172,755	8,123,968	7,229,534	7,363,730	8,381,529	10,177,221	10,026,438	9,740,687	10,682,311
	33,186,271	33,171,584	32,511,389	31,604,537	31,553,133	33,076,228	35,145,112	35,509,195	34,110,095	35,770,300
RESERVE BALANCE FORECAST										
Debt Service Reserve	3,004,578	3,171,173	3,172,747	3,185,485	3,183,599	3,182,944	3,180,859	3,179,300	1,463,468	1,463,386
Retirement/Reclamation Reserve	11,842,703	11,881,703	11,920,703	11,959,703	11,998,703	12,037,703	12,076,703	12,115,703	12,154,703	12,193,703
Operations Reserve	-	-	1,378,744	2,488,257	2,531,226	2,573,218	2,614,008	2,657,633	2,695,537	2,729,047
Capital Expenditures Reserve	-	-	-	1,725,769	1,843,003	1,954,472	2,077,472	2,212,003	2,327,316	2,546,410
Rate Stabilization Reserve	-	-	-	622,696	2,989,061	2,835,363	2,745,506	4,088,722	8,039,439	10,682,311
Contingency Reserve	-	-	-	-	-	-	-	-	-	615,878
Total Cash Remaining	(2,453,857)	(1,066,472)	66,653	(603,446)	(1,294,350)	(1,955,569)	(2,279,125)	(2,460,648)	(811,999)	407,963

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2023-FY2032
Gas Distribution

1.50%	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
Expenditure Forecast										
Supervision, Misc Direct Admin	410,173	418,611	424,890	431,264	437,732	444,298	450,963	457,727	464,593	471,562
Customer Service	37,318	37,949	38,518	39,096	39,682	40,278	40,882	41,495	42,118	42,749
Gas Distribution	683,276	626,061	635,452	644,984	654,658	664,478	674,446	684,562	694,831	705,253
Gas Meters	133,565	135,809	137,846	139,914	142,013	144,143	146,305	148,499	150,727	152,988
Capital Support & Inspection	-	-	-	-	-	-	-	-	-	-
Interdepartmental Charges	467,330	481,350	488,570	495,899	503,337	510,887	518,551	526,329	534,224	542,237
Administrative Division Allocatio	961,188	1,042,768	1,058,410	1,074,286	1,090,400	1,106,756	1,123,357	1,140,208	1,157,311	1,174,670
In Lieu Taxes & Franchise fee	424,316	412,423	412,423	412,423	412,423	412,423	412,423	412,423	412,423	412,423
Budget Revisions/Carryovers										
Cost of Gas	4,310,400	3,556,800	3,600,000	3,203,200	3,203,200	3,296,800	3,369,600	3,458,000	3,567,200	3,692,000
TOTAL Operations Expenses	7,427,566	6,711,771	6,796,109	6,441,065	6,483,446	6,620,064	6,736,526	6,869,244	7,023,426	7,193,883
Capital	460,000	150,000	75,000	150,000	75,000	75,000	75,000	75,000	75,000	75,000
Less Capital Paid by Other	(85,000)	-	-	-	-	-	-	-	-	-
Total Expenses	7,802,566	6,861,771	6,871,109	6,591,065	6,558,446	6,695,064	6,811,526	6,944,244	7,098,426	7,268,883
Profit Transfer	345,845	318,076	328,112	318,241	322,649	329,744	336,937	343,190	350,947	359,484
TOTAL Cash Requirements	8,148,411	7,179,848	7,199,221	6,909,306	6,881,095	7,024,808	7,148,463	7,287,434	7,449,373	7,628,368
<i>Total Cash Requirements less COG</i>	<i>3,838,011</i>	<i>3,623,048</i>	<i>3,599,221</i>	<i>3,706,106</i>	<i>3,677,895</i>	<i>3,728,008</i>	<i>3,778,863</i>	<i>3,829,434</i>	<i>3,882,173</i>	<i>3,936,368</i>
Revenue Forecast										
Therm Sales	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000
Revenue per Therm	\$ 0.248	\$ 0.268	\$ 0.290	\$ 0.313	\$ 0.329	\$ 0.338	\$ 0.349	\$ 0.356	\$ 0.363	\$ 0.370
Service Charge	\$ 10.26	\$ 11.08	\$ 11.97	\$ 12.92	\$ 13.57	\$ 13.98	\$ 14.40	\$ 14.69	\$ 14.98	\$ 15.28
Rate Increase Percentage	8.00%	8.00%	8.00%	8.00%	5.00%	3.00%	3.00%	2.00%	2.00%	2.00%
Cost of Gas Sales Revenue	4,310,400	3,556,800	3,600,000	3,203,200	3,203,200	3,296,800	3,369,600	3,458,000	3,567,200	3,692,000
Sales Rev from Svc Chg	1,108,080	1,108,080	1,108,080	1,108,080	1,077,300	1,056,780	1,056,780	1,046,520	1,046,520	1,046,520
Sales Rev from Fixed	1,987,200	2,146,176	2,317,870	2,503,300	2,628,465	2,707,319	2,788,538	2,844,309	2,901,195	2,959,219
Total Sales Revenue	7,405,680	6,811,056	7,025,950	6,814,580	6,908,965	7,060,899	7,214,918	7,348,829	7,514,915	7,697,739
Interest on Utility Reserves	46,658	36,531	31,865	30,068	29,426	30,618	31,957	33,776	35,552	37,421
Revenue on Recoverable Work	20,914	21,227	21,546	21,869	22,197	22,530	22,868	23,211	23,559	23,912
TOTAL Cash Inflow	7,473,252	6,868,814	7,079,361	6,866,516	6,960,587	7,114,047	7,269,743	7,405,816	7,574,026	7,759,073
R&R and Cash Flows										
Net Cash Flow	(675,159)	(311,033)	(119,860)	(42,790)	79,492	89,239	121,280	118,381	124,653	130,705
Cummulative net cash flow	(675,159)	(986,193)	(1,106,053)	(1,148,843)	(1,069,350)	(980,111)	(858,832)	(740,450)	(615,798)	(485,092)
Cash Balance	2,435,395	2,124,361	2,004,501	1,961,712	2,041,204	2,130,443	2,251,722	2,370,104	2,494,757	2,625,462
Recommended Cash Balance	2,272,446	2,307,176	2,335,690	2,362,651	2,391,910	2,419,628	2,447,733	2,476,231	2,505,128	2,534,429

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023 through FY2032
 Gas Cash Reserve Analysis

	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
GAS UTILITY CASH RESERVES										
Cash Balance	2,435,395	2,124,361	2,004,501	1,961,712	2,041,204	2,130,443	2,251,722	2,370,104	2,494,757	2,625,462
Recommended Cash Balance	2,272,446	2,307,176	2,335,690	2,362,651	2,391,910	2,419,628	2,447,733	2,476,231	2,505,128	2,534,429
TARGET RESERVE BALANCES										
Operations Reserve	1,558,583	1,577,486	1,598,055	1,618,932	1,640,123	1,661,632	1,683,463	1,705,622	1,728,113	1,750,942
Capital Expenditures Reserve	444,542	456,330	460,174	462,096	465,939	467,861	469,783	471,705	473,627	475,549
Contingency Reserve	269,321	273,361	277,461	281,623	285,847	290,135	294,487	298,905	303,388	307,939
Rate Stabilization Reserve*	-	-	-	-	-	-	-	-	-	-
	2,272,446	2,307,176	2,335,690	2,362,651	2,391,910	2,419,628	2,447,733	2,476,231	2,505,128	2,534,429
RESERVE BALANCE FORECAST										
Operations Reserve	1,558,583	1,558,583	1,558,583	1,558,583	1,638,075	1,661,632	1,683,463	1,705,622	1,728,113	1,750,942
Capital Expenditures Reserve	444,542	444,542	444,542	403,129	403,129	467,861	469,783	471,705	473,627	475,549
Contingency Reserve	269,321	121,236	1,376	(0)	(0)	950	98,476	192,777	293,017	307,939
Rate Stabilization Reserve*	-	-	-	-	-	-	-	-	-	-
Total Cash Remaining	162,948	0	-	-	-	-	-	-	-	91,032

* Assumes pass-through cost of gas rate remains in place.

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2023-FY2032
Water Production

1.50%	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Expenditure Forecast										
Supervision and Operations	831,349	848,783	861,515	874,437	887,554	900,867	914,380	928,096	942,017	956,148
Pumping Power	600,000	600,000	609,000	618,135	627,407	636,818	646,370	656,066	665,907	675,896
Wells	225,545	228,755	232,186	235,669	239,204	242,792	246,434	250,131	253,883	257,691
Booster Pump Stations	312,165	315,208	319,936	324,735	329,606	334,550	339,569	344,662	349,832	355,079
Treatment	35,487	36,217	36,760	37,312	37,871	38,439	39,016	39,601	40,195	40,798
Storage Tanks	48,190	48,774	49,506	50,248	51,002	51,767	52,543	53,332	54,132	54,944
Transmission Lines	387,853	391,541	397,414	403,375	409,426	415,567	421,801	428,128	434,550	441,068
Capital Project Inspection & Support	-	-	-	-	-	-	-	-	-	-
Non Potable System	549,014	530,469	538,426	546,502	554,700	563,020	571,466	580,038	588,738	597,569
Ski Hill	4,819	4,878	4,951	5,025	5,101	5,177	5,255	5,334	5,414	5,495
Interdepartmental Charges	398,169	410,113	416,265	422,509	428,846	435,279	441,808	448,435	455,162	461,989
Administrative Division Allocation	881,115	813,632	825,836	838,224	850,797	863,559	876,513	889,660	903,005	916,550
State Water Tax	40,500	41,000	41,615	42,239	42,873	43,516	44,169	44,831	45,504	46,186
Debt Service	654,788	687,812	1,006,506	1,084,048	1,253,339	1,441,399	1,787,656	1,928,988	2,170,935	2,695,563
Budget Revisions/Carryovers										
Capital	10,740,345	9,100,000	4,200,000	3,675,000	2,820,000	6,200,000	4,100,000	5,000,000	7,500,000	3,804,000
Capital Paid with Debt/Grants/Reimb	7,517,365	8,500,000	3,720,000	3,000,000	2,532,000	6,000,000	3,800,000	5,000,000	7,500,000	3,670,000
Capital Paid with Cash	3,222,980	600,000	480,000	675,000	288,000	200,000	300,000	-	-	134,000
Total Operations Expenses	4,968,994	4,957,182	5,339,916	5,482,460	5,717,727	5,972,753	6,386,980	6,597,301	6,909,274	7,504,977
Total Capital Expenditures	10,740,345	9,100,000	4,200,000	3,675,000	2,820,000	6,200,000	4,100,000	5,000,000	7,500,000	3,804,000
Less Capital Paid by WTB/Other	(7,517,365)	(8,500,000)	(3,720,000)	(3,000,000)	(2,532,000)	(6,000,000)	(3,800,000)	(5,000,000)	(7,500,000)	(3,670,000)
Total Cash Requirements	8,191,974	5,557,182	5,819,916	6,157,460	6,005,727	6,172,753	6,686,980	6,597,301	6,909,274	7,638,977
Revenue Forecast										
Non-potable										
Non-potable production in kgal	108,600	136,500	136,500	136,500	136,500	136,500	136,501	136,502	136,503	136,504
Revenue per kgal	\$ 2.16	\$ 2.27	\$ 2.39	\$ 2.51	\$ 2.63	\$ 2.76	\$ 2.90	\$ 3.04	\$ 3.13	\$ 3.19
Non-potable rate per 1000 gallons	\$ 3.18	\$ 3.34	\$ 3.51	\$ 3.69	\$ 3.87	\$ 4.06	\$ 4.26	\$ 4.47	\$ 4.60	\$ 4.69
Rate Increase Percentage	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	3.00%	2.00%
Non-potable sales revenue	\$ 234,837	\$ 310,019	\$ 325,798	\$ 342,506	\$ 359,213	\$ 376,849	\$ 395,416	\$ 414,911	\$ 426,981	\$ 435,339

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023-FY2032
 Water Production

	1.50%	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
Potable											
Production in thousand gallons		1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000
Revenue per thousand gallons		\$ 4.34	\$ 4.56	\$ 4.79	\$ 5.03	\$ 5.28	\$ 5.54	\$ 5.82	\$ 6.11	\$ 6.29	\$ 6.42
Rate Increase Percentage		5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	3.00%	2.00%
Potable sales revenue		\$ 4,991,000	\$ 5,244,000	\$ 5,508,500	\$ 5,784,500	\$ 6,072,000	\$ 6,371,000	\$ 6,693,000	\$ 7,026,500	\$ 7,233,500	\$ 7,383,000
Total Sales Revenue		\$ 5,225,837	\$ 5,554,019	\$ 5,834,298	\$ 6,127,006	\$ 6,431,213	\$ 6,747,849	\$ 7,088,416	\$ 7,441,411	\$ 7,660,481	\$ 7,818,339
Repayment & Interest on Inter-Utility Loans		187,569	187,569	93,784	-	-	-	-	-	-	-
Interest on Utility Reserves		81,318	41,273	44,979	47,500	47,912	55,141	64,691	71,749	85,520	98,071
Bond Federal Subsidy		27,576	21,338	14,940	10,459	8,496	6,472	4,371	2,224	-	-
Econ Dev Fund/Ski Hill Reimb											
Transfer from Electric/Gas											
Total Cash Inflow		5,522,300	5,804,199	5,988,000	6,184,964	6,487,622	6,809,462	7,157,478	7,515,384	7,746,002	7,916,410
R&R and Cash Flows											
Net Cash Flow		(2,669,674)	247,016	168,084	27,504	481,894	636,709	470,498	918,083	836,728	277,433
Cumulative Net Cash Flow		(2,669,674)	(2,422,657)	(2,254,573)	(2,227,069)	(1,745,175)	(1,108,466)	(637,968)	280,115	1,116,843	1,394,276
Cash Balance		2,751,557	2,998,574	3,166,658	3,194,162	3,676,057	4,312,765	4,783,263	5,701,346	6,538,074	6,815,507
Recommended Cash Balance		4,788,663	5,050,969	5,349,586	5,503,127	5,651,453	5,780,034	6,009,021	6,167,737	6,358,528	6,637,576

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023-FY2032
 Water Distribution

1.50%	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
Expenditure Forecast										
Supervision, Misc Direct Admin	394,568	402,304	408,339	414,464	420,681	426,991	433,396	439,897	446,495	453,192
Hydrants	-	-	-	-	-	-	-	-	-	-
Water Distribution	559,740	565,263	573,742	582,348	591,083	599,950	608,949	618,083	627,354	636,765
Water Meters	469,611	475,721	482,857	490,100	497,451	504,913	512,487	520,174	527,977	535,896
Capital Project Inspections & Support	-	-	-	-	-	-	-	-	-	-
Interdepartmental Charges	378,546	389,903	395,752	401,688	407,713	413,829	420,036	426,337	432,732	439,223
Administrative Division Allocation	853,896	922,715	936,556	950,604	964,863	979,336	994,026	1,008,937	1,024,071	1,039,432
Cost of Water	3,363,500	3,534,000	3,712,250	3,898,250	4,092,000	4,293,500	4,510,500	4,735,250	4,874,750	4,975,500
Budget Revisions/Carryovers										
Capital	1,084,369	871,594	850,000	1,275,000	900,000	-	3,500,000	-	-	-
Capital Paid with Other Financing	1,084,369	871,594	850,000	1,200,000	900,000	-	3,500,000	-	-	-
Capital Paid with Cash	-	-	-	75,000	-	-	-	-	-	-
Total Operation Expenses	6,019,861	6,289,906	6,509,495	6,737,453	6,973,791	7,218,518	7,479,393	7,748,677	7,933,378	8,080,008
Total Capital Expenditures	1,084,369	871,594	850,000	1,275,000	900,000	0	3,500,000	0	0	0
Total Expenditures	6,019,861	6,289,906	6,509,495	6,812,453	6,973,791	7,218,518	7,479,393	7,748,677	7,933,378	8,080,008
Revenue Forecast										
kgal Sales	775,000	775,000	775,000	775,000	775,000	775,000	775,000	775,000	775,000	775,000
Revenue per kgal	\$ 7.96	\$ 8.36	\$ 8.78	\$ 9.21	\$ 9.67	\$ 10.16	\$ 10.67	\$ 11.20	\$ 11.76	\$ 12.35
Rate Increase Percentage	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Total Sales Revenue	6,168,597	6,477,027	6,800,879	7,140,923	7,497,969	7,872,867	8,266,511	8,679,836	9,113,828	9,569,519
Interest on Utility Reserves	-	-	-	-	-	-	-	-	-	15,887
Revenue on Recoverable Work	15,685	15,920	16,159	16,401	16,647	16,897	17,151	17,408	17,669	17,934
Misc Service Revenues	15,685	15,920	16,159	16,401	16,647	16,897	17,151	17,408	17,669	17,934
Total Cash Inflow from Operations	6,199,967	6,508,868	6,833,197	7,173,726	7,531,264	7,906,662	8,300,812	8,714,652	9,149,166	9,621,274
R&R and Cash Flows										
Net Cash Flow	180,106	218,962	323,702	361,272	557,472	688,143	821,418	965,975	1,215,788	1,541,267
Cumulative Net Cash Flow	180,106	399,068	722,771	1,084,043	1,641,515	2,329,659	3,151,077	4,117,052	5,332,840	6,874,107
Cash Balance	(4,093,605)	(3,874,643)	(3,550,940)	(3,189,668)	(2,632,196)	(1,944,052)	(1,122,634)	(156,659)	1,059,129	2,600,396
Recommended Cash Balance	2,362,886	2,441,743	2,491,045	2,556,411	2,614,548	2,648,367	2,767,263	2,796,911	2,827,003	2,857,547

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023-FY2032
 Water Distribution

Rates										
Commodity rate per kgal										
Residential Tier 1 - < 9,000 gals	6.32	6.64	6.97	7.32	7.69	8.07	8.47	8.89	9.33	9.80
Residential Tier 2 - 9 to 15,000 gals	6.72	7.06	7.41	7.78	8.17	8.58	9.01	9.46	9.93	10.43
Residential Tier 3 - > 15,000 gals	8.03	8.43	8.85	9.29	9.75	10.24	10.75	11.29	11.85	12.44
Multi-Family Tier 1 - < 9,000 gals	6.32	6.64	6.97	7.32	7.69	8.07	8.47	8.89	9.33	9.80
Multi-Family Tier 2 - 9 to 15,000 gals	6.65	6.98	7.33	7.70	8.09	8.49	8.91	9.36	9.83	10.32
Multi-Family Tier 3 - > 15,000 gals	6.79	7.13	7.49	7.86	8.25	8.66	9.09	9.54	10.02	10.52
Commercial All Tiers	6.32	6.64	6.97	7.32	7.69	8.07	8.47	8.89	9.33	9.80
County & Schools All Tiers	6.32	6.64	6.97	7.32	7.69	8.07	8.47	8.89	9.33	9.80
Customer Charge per Meter Size										
= or < 1.25"	11.97	12.57	13.20	13.86	14.55	15.28	16.04	16.84	17.68	18.56
1.5"	37.91	39.81	41.80	43.89	46.08	48.38	50.80	53.34	56.01	58.81
2"	56.57	59.40	62.37	65.49	68.76	72.20	75.81	79.60	83.58	87.76
2.5" to 3"	111.65	117.23	123.09	129.24	135.70	142.49	149.61	157.09	164.94	173.19
4"	190.11	199.62	209.60	220.08	231.08	242.63	254.76	267.50	280.88	294.92
6"	401.34	421.41	442.48	464.60	487.83	512.22	537.83	564.72	592.96	622.61
8"	663.12	696.28	731.09	767.64	806.02	846.32	888.64	933.07	979.72	1,028.71

Draft

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023 through FY2032
 Water Fund Cash Reserve Analysis

	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
WATER DIST & PROD CASH RESERVES										
Combined Cash Balance DW & WP	(1,342,047)	(876,069)	(384,283)	4,494	1,043,861	2,368,713	3,660,630	5,544,687	7,597,203	9,415,902
Recommended Cash Balance (DW)	2,362,886	2,441,743	2,491,045	2,556,411	2,614,548	2,648,367	2,767,263	2,796,911	2,827,003	2,857,547
Recommended Cash Balance (WP)	4,788,663	5,050,969	5,349,586	5,503,127	5,651,453	5,780,034	6,009,021	6,167,737	6,358,528	6,637,576
Recommended Cash Balance	7,151,550	7,492,712	7,840,631	8,059,539	8,266,001	8,428,401	8,776,284	8,964,648	9,185,531	9,495,122
TARGET RESERVE BALANCES										
Debt Service Reserve	235,458	238,210	264,767	275,990	296,820	317,532	346,387	358,165	378,327	422,046
Operations Reserve	3,485,283	3,512,638	3,565,328	3,618,807	3,673,090	3,728,186	3,784,109	3,840,870	3,898,483	3,956,961
Capital Expenditures Reserve	2,530,809	2,828,365	3,083,333	3,223,630	3,340,865	3,413,127	3,661,690	3,766,752	3,894,877	4,087,065
Contingency Reserve	900,000	913,500	927,203	941,111	955,227	969,556	984,099	998,860	1,013,843	1,029,051
	7,151,550	7,492,712	7,840,631	8,059,539	8,266,001	8,428,401	8,776,284	8,964,648	9,185,531	9,495,122
RESERVE BALANCE FORECAST										
Debt Service Reserve	235,458	183,644	264,768	264,768	285,337	301,009	329,864	341,641	361,803	422,046
Operations Reserve	2,157,103	2,134,685	2,166,705	2,194,210	2,232,194	2,265,677	2,299,662	2,334,157	3,358,548	3,956,961
Capital Expenditures Reserve	358,997	680,245	735,185	735,185	1,158,526	1,746,080	2,153,738	2,992,509	3,120,634	4,079,893
Contingency Reserve	-	-	-	-	-	-	-	33,040	506,922	514,525
Total Cash Remaining	(4,093,605)	(3,874,643)	(3,550,940)	(3,189,668)	(2,632,196)	(1,944,052)	(1,122,634)	(156,659)	249,297	442,478

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023-FY2032
 Wastewater Division

1.50%	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
EXPENSE FORECAST										
WASTEWATER COLLECTION										
Supervision, Misc Direct Admin	409,984	418,997	425,282	431,661	438,136	444,708	451,379	458,149	465,022	471,997
Wastewater Collection Operations	405,326	411,417	417,588	423,852	430,210	436,663	443,213	449,861	456,609	463,458
Sewer Lift Stations	421,932	426,329	432,724	439,215	445,803	452,490	459,277	466,167	473,159	480,256
Capital Project Inspection & Support	-	-	-	-	-	-	-	-	-	-
Total WWC Operations Expenses	1,237,242	1,256,743	1,275,594	1,294,728	1,314,149	1,333,861	1,353,869	1,374,177	1,394,790	1,415,712
WASTEWATER TREATMENT										
LA WWTP Operations & Maintenance	1,463,935	1,494,401	1,516,817	1,539,569	1,562,663	1,586,103	1,609,894	1,634,043	1,658,553	1,683,432
WR WWTP Operations & Maintenance	389,759	395,897	401,835	407,863	413,981	420,191	426,494	432,891	439,384	445,975
Total WWT Operations Expenses	1,853,694	1,890,298	1,918,652	1,947,432	1,976,644	2,006,293	2,036,388	2,066,934	2,097,938	2,129,407
Interdepartmental Charges	761,430	784,273	796,037	807,978	820,097	832,399	844,885	857,558	870,421	883,478
Administrative Division Allocation	838,768	686,179	696,472	706,919	717,523	728,285	739,210	750,298	761,552	772,976
Operations encumbrances rolled forward										
Debt Service (WWT)	698,314	2,108,809	2,015,024	1,921,240	1,921,239	1,917,898	1,917,898	1,917,898	1,917,898	1,917,898
Capital	2,930,686	2,190,000	405,000	533,000	1,243,000	278,000	1,969,000	1,578,000	11,135,000	1,700,000
Budget Revisions/Carryovers										
Total Operations Expenses	5,389,448	6,726,302	6,701,780	6,678,296	6,749,652	6,818,737	6,892,249	6,966,865	7,042,599	7,119,470
Total Capital Expenditures	2,930,686	2,190,000	405,000	533,000	1,243,000	278,000	1,969,000	1,578,000	11,135,000	1,700,000
Less Capital Paid by Other	1,618,686	1,250,000	-	-	-	-	-	-	9,500,000	-
Total Cash Requirements	6,701,448	7,666,302	7,106,780	7,211,296	7,992,652	7,096,737	8,861,249	8,544,865	8,677,599	8,819,470
REVENUE FORECAST										
<i>kgal Processed</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>	<i>430,000</i>
Res'l Single-Family Flat Rate Customers	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000
Res'l Single Family Flat Rate	45.61	46.52	47.45	48.40	50.34	53.36	56.56	59.95	63.55	67.36
Res'l Single-Family Service Charge	12.60	12.85	13.11	13.37	13.90	14.73	15.61	16.55	17.54	18.59
Rate Increase Percentage	2.00%	2.00%	2.00%	2.00%	4.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Total Revenue from Res'l SF Flat Rate	4,840,744	4,937,209	5,036,170	5,136,793	5,342,198	5,662,364	6,001,657	6,361,740	6,743,444	7,147,602

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023-FY2032
 Wastewater Division

	1.50%	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
Res'l Multi-Family Flat Rate Customers		75	75	75	75	75	75	75	75	75	75
Res'l Multi-Family Service Charge		12.60	12.85	13.11	13.37	13.90	14.73	15.61	16.55	17.54	18.59
No. of Res'l Multi-Family Dwelling Units		1,585	1,585	1,585	1,585	1,585	1,585	1,585	1,585	1,585	1,585
Res'l Multi-Family Flat Rate		38.00	38.76	39.54	40.33	41.94	44.46	47.13	49.96	52.96	56.14
Rate Increase Percentage		2.00%	2.00%	2.00%	2.00%	4.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Total Revenue from Res'l MF Flat Rate		690,054	703,853	718,019	732,363	761,596	807,353	855,834	907,226	961,700	1,019,443
Non-Residential Customers		291	291	291	291	291	291	291	291	291	292
Non-Residential Service Charge		12.60	12.85	13.11	13.37	13.90	14.73	15.61	16.55	17.54	18.59
Non-Residential Sales in Kgal	-0.20%	45,299	45,209	45,118	45,028	44,938	44,848	44,758	44,669	44,579	44,490
Adjusted Non-Residential Sales in Kgal		45,299	45,209	45,118	45,028	44,938	44,848	44,758	44,669	44,579	44,490
Non-Res'l Commodity Charge per Kgal		21.46	21.89	22.33	22.78	23.69	25.11	26.62	28.22	29.91	31.70
Rate Increase Percentage		2.00%	2.00%	2.00%	2.00%	4.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Total Revenue from Non-Residential		985,635	1,003,452	1,021,669	1,040,250	1,079,722	1,142,242	1,208,595	1,278,794	1,352,780	1,431,215
Total Sales Revenue		6,516,432	6,644,515	6,775,858	6,909,406	7,183,517	7,611,959	8,066,086	8,547,760	9,057,925	9,598,260
Interest on Utility Reserves		144,918	143,915	121,968	116,745	112,116	94,691	109,938	92,808	95,200	107,088
Inter-Utility Loan											
Loan Proceeds											
Revenue on Recoverable Work		-	-	-	-	-	-	-	-	-	-
Total Cash Inflow		6,661,350	6,788,430	6,897,826	7,026,151	7,295,633	7,706,650	8,176,025	8,640,567	9,153,125	9,705,349
Net Cash Flow		(40,098)	(877,872)	(208,953)	(185,145)	(697,019)	609,913	(685,225)	95,703	475,526	885,879
Cumulative Net Cash Flow		(40,098)	(917,970)	(1,126,924)	(1,312,069)	(2,009,088)	(1,399,175)	(2,084,400)	(1,988,697)	(1,513,171)	(627,292)
Cash Balance		5,756,612	4,878,740	4,669,787	4,484,641	3,787,622	4,397,535	3,712,310	3,808,013	4,283,539	5,169,418
Recommended Cash Balance		5,081,335	5,125,269	5,221,759	5,273,115	5,328,365	5,402,432	5,452,405	5,546,353	5,630,933	5,961,074

Los Alamos County Utilities Department
 10-Year Financial Forecast - FY2023 through FY2032
 Wastewater Fund Cash Reserve Analysis

	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031	FORECAST 2032
WASTEWATER UTILITY CASH RESERVES										
Cash Balance *	5,756,612	4,878,740	4,669,787	4,484,641	3,787,622	4,397,535	3,712,310	3,808,013	4,283,539	5,169,418
Recommended Cash Balance	5,081,335	5,125,269	5,221,759	5,273,115	5,328,365	5,402,432	5,452,405	5,546,353	5,630,933	5,961,074
TARGET RESERVE BALANCES										
Debt Service Reserve	717,755	717,755	717,755	717,755	717,755	717,755	717,755	717,755	717,755	717,755
Operations Reserve	2,345,567	2,308,747	2,343,378	2,378,528	2,414,206	2,450,419	2,487,176	2,524,483	2,562,351	2,600,786
Capital Expenditures Reserve	1,640,963	1,716,062	1,772,181	1,782,559	1,796,217	1,828,069	1,835,193	1,885,648	1,926,084	2,211,419
Contingency Reserve	377,049	382,705	388,446	394,272	400,186	406,189	412,282	418,466	424,743	431,115
	5,081,335	5,125,269	5,221,759	5,273,115	5,328,365	5,402,432	5,452,405	5,546,353	5,630,933	5,961,074
RESERVE BALANCE FORECAST										
Debt Service Reserve	717,755	717,755	717,755	717,755	717,755	717,755	717,755	717,755	717,755	717,755
Operations Reserve	2,345,567	1,979,436	1,979,436	1,979,436	1,979,436	2,450,419	2,450,419	2,524,483	2,562,351	2,600,786
Capital Expenditures Reserve	1,640,963	1,716,062	1,716,062	1,716,062	1,090,431	1,229,360	544,136	565,775	1,003,434	1,850,877
Contingency Reserve	377,049	382,705	388,445	394,272	400,186	406,189	412,282	418,466	424,743	431,114
Total Cash Remaining	675,277	82,782	(131,912)	(322,884)	(400,186)	(406,189)	(412,282)	(418,466)	(424,743)	(431,114)

Los Alamos County Department of Public Utilities
 10-Year Financial Forecast - FY2023 - FY2032
 Customer Impact

Projected Typical Bill for Residential

	ELECTRIC 500 kwh	GAS 75 therms (assumes \$0.30 variable)	WATER 6,000 gal	SEWER	Total (excludes refuse)	Total % annual Increase	Total cumulative % Increase
FY2023	\$73.55	\$51.39	\$49.91	\$58.21	\$233.07	4.30%	13%
FY2024	\$76.63	\$53.70	\$52.41	\$59.37	\$242.12	3.88%	18%
FY2025	\$79.86	\$56.20	\$55.03	\$60.56	\$251.65	3.94%	22%
FY2026	\$82.58	\$58.89	\$57.78	\$61.77	\$261.02	3.72%	27%
FY2027	\$85.40	\$60.71	\$60.67	\$64.24	\$271.03	3.83%	32%
FY2028	\$87.60	\$61.86	\$63.70	\$68.10	\$281.26	3.78%	37%
FY2029	\$89.12	\$63.04	\$66.89	\$72.19	\$291.23	3.54%	42%
FY2030	\$90.66	\$63.85	\$70.23	\$76.52	\$301.26	3.44%	47%
FY2031	\$92.23	\$64.68	\$73.74	\$81.11	\$311.76	3.49%	52%
FY2032	\$93.84	\$65.52	\$77.43	\$85.97	\$322.76	3.53%	57%

Utility Expense as a Percentage of Income

	Total Bill for Average Household	Los Alamos Median Household Income	Assumed Annual Income Increase	Percentage Needed to Pay Utility Bill
FY2023	\$233.07	\$115,768	2.5%	2.42%
FY2024	\$242.12	\$118,663	2.5%	2.45%
FY2025	\$251.65	\$121,629	2.5%	2.48%
FY2026	\$261.02	\$124,670	2.5%	2.51%
FY2027	\$271.03	\$127,787	2.5%	2.55%
FY2028	\$281.26	\$130,981	2.5%	2.58%
FY2029	\$291.23	\$134,256	2.5%	2.60%
FY2030	\$301.26	\$137,612	2.5%	2.63%
FY2031	\$311.76	\$141,053	2.5%	2.65%
FY2032	\$322.76	\$144,579	2.5%	2.68%