

Burbank Water and Power Fiscal Year 2024-25 Proposed Budget Water Fund Capital Plan

DRAFT
Subject to Review and Change

	2024-25	2025-26	2026-27	2027-28	2028-29	FY 2024-25 to FY 2028-29
	Proposed	Forecast	Forecast	Forecast	Forecast	Forecast Total
Potable CIP						
Small Water Mains	3,324,589	3,836,298	2,628,704	1,871,865	2,490,815	14,152,272
Large Water Mains	475,000	-	1,175,000	2,260,000	1,610,000	5,520,000
Plant Replacement	42,890	43,962	44,841	45,738	46,653	224,084
Automation and Control	96,445	21,981	22,421	22,869	98,327	262,043
Boosters	-	-	-	-	175,000	175,000
Production Facilities	2,041,000	-	-	-	-	2,041,000
Miscellaneous Facilities	76,806	277,476	228,025	278,586	229,158	1,090,051
Storage - Reservoirs and Tanks	215,000	600,000	4,952,200	236,000	200,000	6,203,200
New Customer Projects/AIC	633,762	658,762	683,762	708,762	733,762	3,418,810
Water Fund's share of common projects	496,277	59,870	222,375	228,801	210,725	1,218,047 (A)
Total Potable CIP	\$ 7,401,769	\$ 5,498,349	\$ 9,957,328	\$ 5,652,621	\$ 5,794,440	\$ 34,304,507
Recycled CIP						
Recycled Water	448,025	157,763	320,368	211,009	297,686	1,434,851
Total Recycled CIP	\$ 448,025	\$ 157,763	\$ 320,368	\$ 211,009	\$ 297,686	\$ 1,434,851
Total CIP	\$ 7,849,794	\$ 5,656,112	\$ 10,277,696	\$ 5,863,630	\$ 6,092,126	\$ 35,739,358
Capital Outlay	-	357,000	364,140	371,423	378,851	1,471,414
Information Technology	20,125	20,000	16,268	16,594	16,926	89,913
Master Fleet Plan	875,000	800,950	1,674,625	992,500	-	4,343,075
Subtotal Capital Outlay	895,125	1,177,950	2,055,033	1,380,517	395,777	5,904,402
Grand Total - Current Forecast	\$ 8,744,919	\$ 6,834,062	\$ 12,332,729	\$ 7,244,147	\$ 6,487,903	\$ 41,643,760

Note:

(A) -Includes 12.5% for Customer Service, 20% for Security, 11.5% for Operations Technology, Facilities, and Finance, and varies for Sustainability when applicable.

**Burbank Water and Power
Fiscal Year
2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

	D	BW	BX	BY	BZ	CA	CG
	Project	FY 24-25 Proposed	FY 25-26 Forecast	FY 26-27 Forecast	FY 27-28 Forecast	FY 28-29 Forecast	FY 2024-25 to 2028-29 Forecast Total
1							
4	Potable Distribution						
5							
6	System Replacement/AIC						
7	System Expansion Services	550,000	575,000	600,000	625,000	650,000	3,000,000
8	System Expansion Meters	83,762	83,762	83,762	83,762	83,762	418,810
11	Sub-Total	633,762	658,762	683,762	708,762	733,762	3,418,810
12							
13	Potable Small Water Mains						
115	Potable Small Water Mains	2,495,000	3,025,000	1,875,000	1,100,000	1,700,000	10,195,000
116	Street Improvements Coordination Project (Clear Street Improvements)	12,500	12,500	12,500	12,500	12,500	62,500
117	Hydrants Replacement	85,500	87,479	89,484	91,537	93,641	447,642
118	Service Replacement Due to Tree Roots	130,000	95,000	95,000	95,000	95,000	510,000
120	Service Replacement Valves on Existing Fire Services	75,000	75,000	75,000	75,000	75,000	375,000
121	Meter Replacements	376,589	391,318	406,720	422,828	439,674	2,037,130
123	Valve Replacements	150,000	150,000	75,000	75,000	75,000	525,000
124	Sub-Total	3,324,589	3,836,298	2,628,704	1,871,865	2,490,815	14,152,272
125							
129	Potable Large Water Mains						
172	Potable Large Water Mains	475,000		1,175,000	2,050,000	1,400,000	5,100,000
173	Replace Transmission Main Valves				210,000	210,000	420,000
179	Sub-Total	475,000	-	1,175,000	2,260,000	1,610,000	5,520,000
180							
181	Total for Potable Small & Large Mains	2,970,000	3,025,000	3,050,000	3,150,000	3,100,000	15,295,000
182							
183	Total for Potable Distribution	4,433,351	4,495,060	4,487,466	4,840,627	4,834,577	23,091,082

**Burbank Water and Power
Fiscal Year
2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

	D	BW	BX	BY	BZ	CA	CG
	Project	FY 24-25 Proposed	FY 25-26 Forecast	FY 26-27 Forecast	FY 27-28 Forecast	FY 28-29 Forecast	FY 2024-25 to 2028-29 Forecast Total
1							
186							
187	Potable Plant Replacement						
188	Equipment Replacement- Pump, Motor & Electrical Component Replacement/Overhaul	42,890	43,962	44,841	45,738	46,653	224,084
189	Sub-Total	42,890	43,962	44,841	45,738	46,653	224,084
190							
191	Potable Automation and Control						
192	Water Supervisory Control and Data Acquisition (SCADA) Equipment Replacement	21,445	21,981	22,421	22,869	23,327	112,043
193	SCADA Software Upgrade	75,000				75,000	150,000
198	Sub-Total	96,445	21,981	22,421	22,869	98,327	262,043
199							
200	Potable Boosters						
201	MWD B-1 Booster Station Improvements					175,000	175,000
210	Sub-Total	-	-	-	-	175,000	175,000
211							
212	Potable Production Facilities						
213	Upper Zones Disinfection Residual Improvement/Upper Zones CL2 Booster	1,791,000					1,791,000
214	VPP Disinfection System	250,000					250,000
229	Sub-Total	2,041,000	-	-	-	-	2,041,000
230							
231	Potable Miscellaneous Facilities						
235	Security Improvements	26,806	27,476	28,025	28,586	29,158	140,051
250	Successful Grant Projects	50,000		200,000		200,000	450,000
266	Pipeline Condition Assessment (various technologies)		250,000		250,000		500,000
268	Sub-Total	76,806	277,476	228,025	278,586	229,158	1,090,051
269							
270	Total for Potable Production	2,257,141	343,419	295,287	347,193	549,138	3,792,178

**Burbank Water and Power
Fiscal Year
2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

	D	BW	BX	BY	BZ	CA	CG
	Project	FY 24-25 Proposed	FY 25-26 Forecast	FY 26-27 Forecast	FY 27-28 Forecast	FY 28-29 Forecast	FY 2024-25 to 2028-29 Forecast Total
1							
273							
274	Potable Storage - Reservoirs and Tanks						
275	Reservoir #5 Install Stair Access	150,000					150,000
276	Reservoir #5 Inlet/Outlet Pipe Replacement		100,000	300,000			400,000
279	Reservoir Joint Replacement/Crack Repair		325,000		125,000	200,000	650,000
280	Reservoir #2 Replacement			4,477,200			4,477,200
281	Interior Painting	65,000	175,000	175,000	111,000		526,000
296	Sub-Total	215,000	600,000	4,952,200	236,000	200,000	6,203,200
297							
298	Total for Potable Storage - Reservoirs and Tanks	215,000	600,000	4,952,200	236,000	200,000	6,203,200
299							
300	Total for Potable Water System	6,905,492	5,438,479	9,734,953	5,423,820	5,583,715	33,086,460
302							
303	Recycled Water						
306							
307	Recycled System Expansion						
325	Hydrants	10,000	10,000	10,000	10,000	10,000	50,000
326	Services	10,000	10,000	10,000	10,000	10,000	50,000
327	Recycled Water Valves	15,000	15,000	15,000	15,000	15,000	75,000
329	Meters - Recycled Water	36,608	37,485	38,384	39,305	40,248	192,030
330	Sub-Total	71,608	72,485	73,384	74,305	75,248	367,030
331							
338	Total for Recycled Distribution	71,608	72,485	73,384	74,305	75,248	367,030
343							
344	Recycled Automation and Control						
345	Water Supervisory Control and Data Acquisition (SCADA) Equipment Replacement	10,714	10,982	11,202	11,426	11,655	55,979
346	SCADA Software Upgrade	35,000				35,000	70,000
352	Sub-Total	45,714	10,982	11,202	11,426	46,655	125,979
353							

**Burbank Water and Power
Fiscal Year
2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

	D	BW	BX	BY	BZ	CA	CG
	Project	FY 24-25 Proposed	FY 25-26 Forecast	FY 26-27 Forecast	FY 27-28 Forecast	FY 28-29 Forecast	FY 2024-25 to 2028-29 Forecast Total
1							
354	Recycled Boosters						
357	Recycled Equipment Replacement	10,300	10,558	10,769	10,985	11,204	53,816
359	PS 1 Rehabilitation		50,000	100,000	100,000	100,000	350,000
360	PS 2 Rehabilitation					50,000	50,000
362	Sub-Total	10,300	60,558	110,769	110,985	161,204	453,816
363							
364	Recycled Miscellaneous Facilities						
366	Direct Potable Reuse - Study/Program	200,000					200,000
370	Security Improvements	13,403	13,738	14,013	14,293	14,579	70,026
373	Sub-Total	213,403	13,738	14,013	14,293	14,579	270,026
374							
375	Total for Recycled Production	269,417	85,278	135,984	136,704	222,438	849,821
379							
380	Recycled Storage - Reservoirs and Tanks						
386	RW Interior Tank Coating	107,000		111,000			218,000
388	Sub-Total	107,000	-	111,000	-	-	218,000
389							
390	Total for Recycled Water	448,025	157,763	320,368	211,009	297,686	1,434,851
393							
394	Total for Potable and Recycled	7,353,517	5,596,242	10,055,321	5,634,829	5,881,401	34,521,311
395							

**Burbank Water and Power
Fiscal Year
2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

	D	BW	BX	BY	BZ	CA	CG
1	Project	FY 24-25 Proposed	FY 25-26 Forecast	FY 26-27 Forecast	FY 27-28 Forecast	FY 28-29 Forecast	FY 2024-25 to 2028-29 Forecast Total
396	Water Fund's Share of Common Projects						
398	Operational Reliability	17,303	-	-	-	-	17,303
399	Networking Infrastructure	18,121	-	23,000	-	-	41,121
401	Data Center Hardware	17,010	-	-	-	143,750	160,760
402	Enterprise Data and Information Architecture Implementation	-	-	11,500	-	11,500	23,000
403	Campus Stormwater Management Program	150,812	-	-	-	-	150,812
404	Roof Replacement Program	11,500	11,500	11,500	11,500	11,500	57,500
409	HVAC Upgrade for Campus Buildings	30,924	28,245	30,625	17,814	4,600	112,207
411	BWP Audio and Video Life Cycle Program	2,875	2,875	2,875	2,875	2,875	14,375
412	Assets Management Ticketing System	5,750	-	-	-	-	5,750
414	Oracle to Cloud or ERP Replacement	-	-	94,875	104,363	-	199,238
417	Capital Planning and Accounting Mgmt Syst/Study	28,750	-	-	-	-	28,750
422	Customer Payment Options	100,000	-	-	-	-	100,000
423	CRM Tool - Free Agent/Responsys	-	-	-	25,000	-	25,000
424	Enterprise Data Platform - SMS Analytics Use Case	-	-	25,000	-	-	25,000
426	Website Upgrade	-	-	-	50,000	25,000	75,000
435	OT Cyber Security Protection & Monitoring	64,645	17,250	5,750	17,250	-	104,895
437	BWP Enterprise Security	5,750	-	17,250	-	11,500	34,500
465	WAM Upgrades	42,838	-	-	-	-	42,838
478	Sub-Total	496,277	59,870	222,375	228,801	210,725	1,218,047
479							
480	Grand Total Water Fund CIP Projects	7,849,794	5,656,112	10,277,696	5,863,630	6,092,126	35,739,358