

**Burbank Water and Power
Fiscal Year 2022-23 Approved Budget
Water Fund Capital Plan**

DRAFT
Subject to Review and Change

	2022-23	2023-24	2024-25	2025-26	2026-27	FY 2022-23 to FY 2026-27
	Proposed	Forecast	Forecast	Forecast	Forecast	Forecast Total
Potable CIP						
Small Water Mains	10,033,651	1,888,651	2,517,461	2,977,461	2,837,461	20,254,685
Large Water Mains	7,044,724	985,000	400,000	400,000	800,000	9,629,724
Plant Replacement	35,000	35,000	35,000	35,000	35,000	175,000
Automation and Control	20,000	20,000	95,000	20,000	20,000	175,000
Production Facilities	1,325,000	200,000	1,800,000	-	-	3,325,000
Miscellaneous Facilities	1,082,000	225,000	25,000	300,000	25,000	1,657,000
Storage - Reservoirs and Tanks	1,015,000	4,550,000	380,000	655,000	360,000	6,960,000
New Customer Projects/AIC	683,762	583,762	583,762	683,762	633,762	3,168,810
Water Fund's share of common projects	522,676	205,047	73,761	778,995	169,625	1,750,103 (A)
Total Potable CIP	\$ 21,761,813	\$ 8,692,460	\$ 5,909,984	\$ 5,850,218	\$ 4,880,848	\$ 47,095,322
Recycled CIP						
Recycled Water	746,088	526,088	256,088	271,088	426,088	2,225,440
Total Recycled CIP	\$ 746,088	\$ 526,088	\$ 256,088	\$ 271,088	\$ 426,088	\$ 2,225,440
Total CIP	\$ 22,507,901	\$ 9,218,548	\$ 6,166,072	\$ 6,121,306	\$ 5,306,936	\$ 49,320,762
Capital Outlay						
Capital Outlay	-	60,000	61,200	62,424	63,672	247,296
Information Technology	24,610	23,000	20,125	20,000	17,331	105,066
Master Fleet Plan	451,725	970,475	556,250	569,975	990,000	3,538,425
Subtotal Capital Outlay	476,335	1,053,475	637,575	652,399	1,071,003	3,890,787
Grand Total - Current Forecast	\$ 22,984,236	\$ 10,272,023	\$ 6,803,647	\$ 6,773,705	\$ 6,377,939	\$ 53,211,549

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

**Burbank Water and Power
Fiscal Year 2022-23 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

	B	BE	BF	BG	BH	BI	BP
1	Project	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 2022-23 to 206-27
2		Proposed	Forecast	Forecast	Forecast	Forecast	Forecast Total
3							
4							
5	System Replacement/AIC						
6	System Expansion Services	600,000	500,000	500,000	600,000	550,000	2,750,000
7	System Expansion Meters	83,762	83,762	83,762	83,762	83,762	418,810
10	Sub-Total	683,762	583,762	583,762	683,762	633,762	3,168,810
11							
12	Potable Small Water Mains						
113	Potable Small Water Mains	920,000	775,000	1,305,000	1,800,000	1,735,000	6,535,000
114	Street Improvements Coordination Project (Clear Street Improvements)	12,500	12,500	12,500	12,500	12,500	62,500
115	Hydrants replacement	80,000	80,000	80,000	80,000	80,000	400,000
116	Service Replacement Due to Tree Roots	130,000	130,000	130,000	95,000	95,000	580,000
118	Service Replacement Valves on Existing Fire Services	75,000	75,000	75,000	75,000	75,000	375,000
119	Meter Replacements	666,151	666,151	764,961	764,961	764,961	3,627,185
120	Advanced Metering Infrastructure (AMI)	8,000,000					8,000,000
121	Valve Replacements	150,000	150,000	150,000	150,000	75,000	675,000
122	Sub-Total	10,033,651	1,888,651	2,517,461	2,977,461	2,837,461	20,254,685
126							
127	Potable Large Water Mains						
171	Potable Large Water Mains	5,094,724	985,000	400,000	400,000	800,000	7,679,724
172	Replace Transmission Main Valves	1,100,000					1,100,000
174	Hollywood Way, Victory to Burbank - Cement lined 3,500 LF of 20" main	850,000					850,000
175	Sub-Total	7,044,724	985,000	400,000	400,000	800,000	9,629,724
176							
177	Total for Potable Small & Large Mains	6,014,724	1,760,000	1,705,000	2,200,000	2,535,000	14,214,724
178							
179	Total for Potable Distribution	17,762,137	3,457,413	3,501,223	4,061,223	4,271,223	33,053,219
180							
183	Potable Plant Replacement						
184	Equipment Replacement- Pump, Motor & Electrical Component Replacement/Overhaul	35,000	35,000	35,000	35,000	35,000	175,000
185	Sub-Total	35,000	35,000	35,000	35,000	35,000	175,000
186							
187	Potable Automation and Control						
188	Water Supervisory Control and Data Acquisition (SCADA) Equipment Replacement	20,000	20,000	20,000	20,000	20,000	100,000
189	SCADA Software Upgrade			75,000			75,000
194	Sub-Total	20,000	20,000	95,000	20,000	20,000	175,000
195							

**Burbank Water and Power
Fiscal Year 2022-23 Proposed Budget
Water Fund Capital Improvement Projects**

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	B	BE	BF	BG	BH	BI	BP
1	Project	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 2022-23 to 206-27
2		Proposed	Forecast	Forecast	Forecast	Forecast	Forecast Total
3							
208	Potable Production Facilities						
209	Upper Zones Disinfection Residual Improvement/Upper Zones CL2 Booster	1,325,000					1,325,000
210	VPP Disinfection System		200,000	1,800,000			2,000,000
224	Sub-Total	1,325,000	200,000	1,800,000	-	-	3,325,000
225							
226	Potable Miscellaneous Facilities						
228	VPP Booster Station Seismic Assessment and Improvements	100,000					100,000
229	VPP Forebay Wall Replacement / Realignment	341,000					341,000
230	Security Improvements	66,000	25,000	25,000	25,000	25,000	166,000
239	Utility Network Migration	300,000					300,000
240	Water Technology Applications	75,000			75,000		150,000
244	Successful Grant Projects	200,000	200,000		200,000		600,000
261	Sub-Total	1,082,000	225,000	25,000	300,000	25,000	1,657,000
262							
263	Total for Potable Production	2,462,000	480,000	1,955,000	355,000	80,000	5,332,000
264							
266							
267	Potable Storage - Reservoirs and Tanks						
268	Reservoir #5 Install Stair Access			150,000			150,000
269	Reservoir No. 5 Inlet/Outlet Pipe Replacement				100,000	300,000	400,000
270	Reservoir #4 Install Stair Access		75,000				75,000
271	Twin Tanks Rehabilitation		100,000				100,000
272	Reservoir Joint Replacement/Crack Repair		215,000		325,000		540,000
273	Reservoir # 2 Replacement	800,000	4,100,000				4,900,000
274	Interior Painting	155,000		155,000	155,000		465,000
276	Exterior Painting (Overcoat)	60,000	60,000	75,000	75,000	60,000	330,000
289	Sub-Total	1,015,000	4,550,000	380,000	655,000	360,000	6,960,000
290							
291	Total for Potable Storage - Reservoirs and Tanks	1,015,000	4,550,000	380,000	655,000	360,000	6,960,000
292							
293	Total for Potable Water System	21,239,137	8,487,413	5,836,223	5,071,223	4,711,223	45,345,219
294							
297							

**Burbank Water and Power
Fiscal Year 2022-23 Proposed Budget
Water Fund Capital Improvement Projects**

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	B	BE	BF	BG	BH	BI	BP
1	Project	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 2022-23 to 206-27
2		Proposed	Forecast	Forecast	Forecast	Forecast	Forecast Total
3							
298	Recycled System Expansion						
314	Hydrants	10,000	10,000	10,000	10,000	10,000	50,000
315	Services	10,000	10,000	10,000	10,000	10,000	50,000
316	Recycled water valves	15,000	15,000	15,000	15,000	15,000	75,000
317	Recycled water mains	100,000		100,000		100,000	300,000
318	Meters - Recycled Water	48,588	48,588	48,588	48,588	48,588	242,940
319	Sub-Total	183,588	83,588	183,588	83,588	183,588	717,940
326							
327	Total for Recycled Distribution	183,588	83,588	183,588	83,588	183,588	717,940
328							
329							
330	Recycled Automation and Control						
331	Water Supervisory Control and Data Acquisition (SCADA) Equipment Replacement	10,000	10,000	10,000	10,000	10,000	50,000
332	SCADA Software Upgrade			35,000			35,000
333	PS1 Program Documentation/ develop theory of Operation	75,000					75,000
338	Sub-Total	85,000	10,000	45,000	10,000	10,000	160,000
339							
340	Recycled Boosters						
343	Recycled Equipment Replacement	15,000	15,000	15,000	15,000	15,000	75,000
345	PS 1 Rehabilitation				50,000	100,000	150,000
348	Sub-Total	15,000	15,000	15,000	65,000	115,000	225,000
349							
350	Recycled Miscellaneous Facilities						
355	Recycled Water Masterplan				100,000		100,000
356	Security Improvements	12,500	12,500	12,500	12,500	12,500	62,500
358	City Recycled Resources Study	150,000					150,000
359	Sub-Total	162,500	12,500	12,500	112,500	12,500	312,500
360							
361	Total for Recycled Production	262,500	37,500	72,500	187,500	137,500	697,500
362							
364	Recycled Storage - Reservoirs and Tanks						
365	Wildwood Tank Repairs	200,000					200,000
366	Zone 1 Storage	100,000	300,000				400,000
370	Painting Program - Steel Tanks		105,000			105,000	210,000
371	Total for Recycled Storage - Reservoirs and Tanks	300,000	405,000	-	-	105,000	810,000
372							
373	Total for Recycled Water	746,088	526,088	256,088	271,088	426,088	2,225,440
374							
377	Total for Potable and Recycled	21,985,225	9,013,501	6,092,311	5,342,311	5,137,311	47,570,659

**Burbank Water and Power
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2		Proposed	Forecast	Forecast	Forecast	Forecast	Forecast Total
3							
378							
379	Water Fund's Share of Common Projects						
383	Data Center Hardware	92,000	-	-	-	-	92,000
384	Enterprise Data and Information Architecture Implementation	23,000	-	-	34,500	-	57,500
385	Campus Stormwater Management Program	94,142	-	-	-	-	94,142
386	Roof Replacement Program	23,000	11,500	11,500	11,500	11,500	69,000
391	HVAC Upgrade for Campus Buildings	29,716	30,947	30,924	28,245	30,625	150,456
393	BWP Audio and Video Life Cycle Program	11,500	-	2,875	-	2,875	17,250
395	Oracle to cloud or ERP replacement	-	-	-	-	94,875	94,875
396	Migrate Hyperion to cloud solution	-	18,975	-	-	-	18,975
397	WAM Upgrade to Cloud *	-	14,375	28,463	-	-	42,838
398	Robotic Processing Automation Study	4,744	-	-	-	-	4,744
399	Robotic Processing Automation	-	11,500	-	-	-	11,500
400	Meter Data Management System Upgrade and Update	-	43,750	-	250,000	-	293,750
401	Customer Information System Upgrade	81,250	12,500	-	437,500	-	531,250
403	CRM/Analytics	37,500	-	-	-	-	37,500
404	Customer Engagement Systems	50,000	50,000	-	-	12,500	112,500
406	Outage communications	10,000	-	-	-	-	10,000
407	Call Center Technology enhancements	25,000	-	-	-	-	25,000
409	OT Cyber Security Protection & Monitoring	17,250	-	-	17,250	-	34,500
410	BWP Campus Network Update	7,475	-	-	-	-	7,475
411	BWP Enterprise Security	16,100	11,500	-	-	17,250	44,850
450	Sub-Total	522,676	205,047	73,761	778,995	169,625	1,750,103
451							
452	Grand Total Water Fund CIP Projects	22,507,901	9,218,548	6,166,072	6,121,306	5,306,936	49,320,762