

Burbank Water and Power Fiscal Years 2023-24 and 2024-25 Proposed Budget Water Fund Capital Plan

DRAFT
Subject to Review and Change

| | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | FY 2023-24 to FY 2027-28 |
|---------------------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|-----------------------------|
| | Proposed | Proposed | Forecast | Forecast | Forecast | Forecast Total |
| Potable CIP | | | | | | |
| Small Water Mains | 2,372,242 | 3,324,589 | 3,836,298 | 2,628,704 | 1,871,865 | 14,033,698 |
| Large Water Mains | 4,452,016 | 475,000 | - | 1,175,000 | 2,260,000 | 8,362,016 |
| Plant Replacement | 41,640 | 42,890 | 43,962 | 44,841 | 45,738 | 219,071 |
| Automation and Control | 20,820 | 96,445 | 21,981 | 22,421 | 22,869 | 184,536 |
| Production Facilities | 1,938,000 | 2,041,000 | - | - | - | 3,979,000 |
| Miscellaneous Facilities | 276,025 | 76,806 | 277,476 | 228,025 | 278,586 | 1,136,918 |
| Storage - Reservoirs and Tanks | 290,000 | 215,000 | 600,000 | 4,952,200 | 236,000 | 6,293,200 |
| New Customer Projects/AIC | 633,762 | 633,762 | 658,762 | 683,762 | 708,762 | 3,318,810 |
| Water Fund's share of common projects | 945,097 | 496,224 | 59,870 | 222,375 | 228,801 | 1,952,366 (A) |
| Total Potable CIP | \$ 10,969,602 | \$ 7,401,716 | \$ 5,498,349 | \$ 9,957,328 | \$ 5,652,621 | \$ 39,479,615 |
| Recycled CIP | | | | | | |
| Recycled Water | 594,136 | 448,025 | 157,763 | 320,368 | 211,009 | 1,731,301 |
| Total Recycled CIP | \$ 594,136 | \$ 448,025 | \$ 157,763 | \$ 320,368 | \$ 211,009 | \$ 1,731,301 |
| Total CIP | \$ 11,563,738 | \$ 7,849,741 | \$ 5,656,112 | \$ 10,277,696 | \$ 5,863,630 | \$ 41,210,917 |
| Capital Outlay | 350,000 | - | 357,000 | 364,140 | 371,423 | 1,442,563 |
| Information Technology | 23,000 | 20,125 | 20,000 | 16,268 | 16,594 | 95,987 |
| Master Fleet Plan | 377,300 | 875,000 | 800,950 | 1,674,625 | 992,500 | 4,720,375 |
| Subtotal Capital Outlay | 750,300 | 895,125 | 1,177,950 | 2,055,033 | 1,380,517 | 6,258,925 |
| Grand Total - Current Forecast | \$ 12,314,038 | \$ 8,744,866 | \$ 6,834,062 | \$ 12,332,729 | \$ 7,244,147 | \$ 47,469,842 |

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 Years 2023-24 and 2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

| | D | BP | BQ | BR | BS | BT | CA |
|-----|--|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| 1 | Project | FY 23-24 Proposed | FY 24-25 Proposed | FY 25-26 Forecast | FY 26-27 Forecast | FY 27-28 Forecast | FY 2023-24 to 2027-28 Forecast Total |
| 4 | Potable Distribution | | | | | | |
| 6 | System Replacement/AIC | | | | | | |
| 7 | System Expansion Services | 550,000 | 550,000 | 575,000 | 600,000 | 625,000 | 2,900,000 |
| 8 | System Expansion Meters | 83,762 | 83,762 | 83,762 | 83,762 | 83,762 | 418,810 |
| 11 | Sub-Total | 633,762 | 633,762 | 658,762 | 683,762 | 708,762 | 3,318,810 |
| 12 | | | | | | | |
| 13 | Potable Small Water Mains | | | | | | |
| 114 | Potable Small Water Mains | 1,550,000 | 2,495,000 | 3,025,000 | 1,875,000 | 1,100,000 | 10,045,000 |
| 115 | Street Improvements Coordination Project (Clear Street Improvements) | 12,500 | 12,500 | 12,500 | 12,500 | 12,500 | 62,500 |
| 116 | Hydrants Replacement | 85,500 | 85,500 | 87,479 | 89,484 | 91,537 | 439,501 |
| 117 | Service Replacement Due to Tree Roots | 130,000 | 130,000 | 95,000 | 95,000 | 95,000 | 545,000 |
| 119 | Service Replacement Valves on Existing Fire Services | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 375,000 |
| 120 | Meter Replacements | 369,242 | 376,589 | 391,318 | 406,720 | 422,828 | 1,966,698 |
| 122 | Valve Replacements | 150,000 | 150,000 | 150,000 | 75,000 | 75,000 | 600,000 |
| 123 | Sub-Total | 2,372,242 | 3,324,589 | 3,836,298 | 2,628,704 | 1,871,865 | 14,033,698 |
| 124 | | | | | | | |
| 128 | Potable Large Water Mains | | | | | | |
| 172 | Potable Large Water Mains | 1,055,000 | 475,000 | | 1,175,000 | 2,050,000 | 4,755,000 |
| 173 | Replace Transmission Main Valves | | | | | 210,000 | 210,000 |
| 175 | Design-Build Pipeline Project | 1,690,276 | | | | | 1,690,276 |
| 176 | FEMA Seismic Pipeline Retrofit Grant | 1,606,740 | | | | | 1,606,740 |
| 177 | METRO Station Project at HW & San Fernando | 100,000 | | | | | 100,000 |
| 179 | Sub-Total | 4,452,016 | 475,000 | - | 1,175,000 | 2,260,000 | 8,362,016 |
| 180 | | | | | | | |
| 181 | Total for Potable Small & Large Mains | 6,002,016 | 2,970,000 | 3,025,000 | 3,050,000 | 3,150,000 | 18,197,016 |
| 182 | | | | | | | |
| 183 | Total for Potable Distribution | 7,458,020 | 4,433,351 | 4,495,060 | 4,487,466 | 4,840,627 | 25,714,524 |
| 184 | | | | | | | |

**Burbank Water and Power
Fiscal Years 2023-24 and 2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

| | D | BP | BQ | BR | BS | BT | CA |
|-----|--|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| 1 | Project | FY 23-24 Proposed | FY 24-25 Proposed | FY 25-26 Forecast | FY 26-27 Forecast | FY 27-28 Forecast | FY 2023-24 to 2027-28 Forecast Total |
| 185 | Potable Production | | | | | | |
| 186 | | | | | | | |
| 187 | Potable Plant Replacement | | | | | | |
| 188 | Equipment Replacement- Pump, Motor & Electrical Component Replacement/Overhaul | 41,640 | 42,890 | 43,962 | 44,841 | 45,738 | 219,071 |
| 189 | Sub-Total | 41,640 | 42,890 | 43,962 | 44,841 | 45,738 | 219,071 |
| 190 | | | | | | | |
| 191 | Potable Automation and Control | | | | | | |
| 192 | Water Supervisory Control and Data Acquisition (SCADA) Equipment Replacement | 20,820 | 21,445 | 21,981 | 22,421 | 22,869 | 109,536 |
| 193 | SCADA Software Upgrade | | 75,000 | | | | 75,000 |
| 198 | Sub-Total | 20,820 | 96,445 | 21,981 | 22,421 | 22,869 | 184,536 |
| 199 | | | | | | | |
| 212 | Potable Production Facilities | | | | | | |
| 213 | Upper Zones Disinfection Residual Improvement/Upper Zones CL2 Booster | 1,938,000 | 1,791,000 | | | | 3,729,000 |
| 214 | VPP Disinfection System | | 250,000 | | | | 250,000 |
| 229 | Sub-Total | 1,938,000 | 2,041,000 | - | - | - | 3,979,000 |
| 230 | | | | | | | |
| 231 | Potable Miscellaneous Facilities | | | | | | |
| 235 | Security Improvements | 26,025 | 26,806 | 27,476 | 28,025 | 28,586 | 136,918 |
| 249 | Successful Grant Projects | | 50,000 | | 200,000 | | 250,000 |
| 265 | Pipeline Condition Assessment (various technologies) | 250,000 | | 250,000 | | 250,000 | 750,000 |
| 267 | Sub-Total | 276,025 | 76,806 | 277,476 | 228,025 | 278,586 | 1,136,918 |
| 268 | | | | | | | |
| 269 | Total for Potable Production | 2,276,485 | 2,257,141 | 343,419 | 295,287 | 347,193 | 5,519,525 |
| 270 | | | | | | | |

**Burbank Water and Power
Fiscal Years 2023-24 and 2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

| | D | BP | BQ | BR | BS | BT | CA |
|-----|--|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| 1 | Project | FY 23-24 Proposed | FY 24-25 Proposed | FY 25-26 Forecast | FY 26-27 Forecast | FY 27-28 Forecast | FY 2023-24 to 2027-28 Forecast Total |
| 273 | Potable Storage - Reservoirs and Tanks | | | | | | |
| 274 | Reservoir #5 Install Stair Access | | 150,000 | | | | 150,000 |
| 275 | Reservoir #5 Inlet/Outlet Pipe Replacement | | | 100,000 | 300,000 | | 400,000 |
| 276 | Reservoir #4 Install Stair Access | 75,000 | | | | | 75,000 |
| 278 | Reservoir Joint Replacement/Crack Repair | 215,000 | | 325,000 | | 125,000 | 665,000 |
| 279 | Reservoir #2 Replacement | | | | 4,477,200 | | 4,477,200 |
| 280 | Interior Painting | | 65,000 | 175,000 | 175,000 | 111,000 | 526,000 |
| 295 | Sub-Total | 290,000 | 215,000 | 600,000 | 4,952,200 | 236,000 | 6,293,200 |
| 296 | | | | | | | |
| 297 | Total for Potable Storage - Reservoirs and Tanks | 290,000 | 215,000 | 600,000 | 4,952,200 | 236,000 | 6,293,200 |
| 298 | | | | | | | |
| 299 | Total for Potable Water System | 10,024,505 | 6,905,492 | 5,438,479 | 9,734,953 | 5,423,820 | 37,527,249 |
| 300 | | | | | | | |
| 302 | Recycled Water | | | | | | |
| 303 | | | | | | | |
| 306 | Recycled System Expansion | | | | | | |
| 321 | L.A River Crossing at Bob Hope Drive | 20,000 | | | | | 20,000 |
| 324 | Hydrants | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 |
| 325 | Services | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 |
| 326 | Recycled Water Valves | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 75,000 |
| 328 | Meters - Recycled Water | 35,722 | 36,608 | 37,485 | 38,384 | 39,305 | 187,504 |
| 329 | Sub-Total | 90,722 | 71,608 | 72,485 | 73,384 | 74,305 | 382,504 |
| 330 | | | | | | | |
| 340 | Recycled Production | | | | | | |
| 341 | | | | | | | |
| 343 | Recycled Automation and Control | | | | | | |
| 344 | Water Supervisory Control and Data Acquisition (SCADA) Equipment Replacement | 10,401 | 10,714 | 10,982 | 11,202 | 11,426 | 54,725 |
| 345 | SCADA Software Upgrade | | 35,000 | | | | 35,000 |
| 351 | Sub-Total | 10,401 | 45,714 | 10,982 | 11,202 | 11,426 | 89,725 |
| 352 | | | | | | | |

**Burbank Water and Power
Fiscal Years 2023-24 and 2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

| | D | BP | BQ | BR | BS | BT | CA |
|-----|--|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| 1 | Project | FY 23-24 Proposed | FY 24-25 Proposed | FY 25-26 Forecast | FY 26-27 Forecast | FY 27-28 Forecast | FY 2023-24 to 2027-28 Forecast Total |
| 353 | Recycled Boosters | | | | | | |
| 356 | Recycled Equipment Replacement | 10,000 | 10,300 | 10,558 | 10,769 | 10,985 | 52,612 |
| 358 | PS 1 Rehabilitation | | | 50,000 | 100,000 | 100,000 | 250,000 |
| 361 | Sub-Total | 10,000 | 10,300 | 60,558 | 110,769 | 110,985 | 302,612 |
| 362 | | | | | | | |
| 363 | Recycled Miscellaneous Facilities | | | | | | |
| 365 | Direct Potable Reuse - Study/Program | 200,000 | 200,000 | | | | 400,000 |
| 369 | Security Improvements | 13,013 | 13,403 | 13,738 | 14,013 | 14,293 | 68,460 |
| 372 | Sub-Total | 213,013 | 213,403 | 13,738 | 14,013 | 14,293 | 468,460 |
| 373 | | | | | | | |
| 374 | Total for Recycled Production | 233,414 | 269,417 | 85,278 | 135,984 | 136,704 | 860,797 |
| 378 | | | | | | | |
| 379 | Recycled Storage - Reservoirs and Tanks | | | | | | |
| 385 | RW Interior Tank Coating | 270,000 | 107,000 | | 111,000 | | 488,000 |
| 387 | Sub-Total | 270,000 | 107,000 | - | 111,000 | - | 488,000 |
| 388 | | | | | | | |
| 389 | Total for Recycled Water | 594,136 | 448,025 | 157,763 | 320,368 | 211,009 | 1,731,301 |
| 392 | | | | | | | |
| 393 | Total for Potable and Recycled | 10,618,641 | 7,353,517 | 5,596,242 | 10,055,321 | 5,634,829 | 39,258,551 |
| 394 | | | | | | | |

**Burbank Water and Power
Fiscal Years 2023-24 and 2024-25 Proposed Budget
Water Fund Capital Improvement Projects**

DRAFT
Subject to Review and Change

| | D | BP | BQ | BR | BS | BT | CA |
|-----|---|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| 1 | Project | FY 23-24 Proposed | FY 24-25 Proposed | FY 25-26 Forecast | FY 26-27 Forecast | FY 27-28 Forecast | FY 2023-24 to 2027-28 Forecast Total |
| 395 | Water Fund's Share of Common Projects | | | | | | |
| 397 | Operational Reliability | - | 17,250 | - | - | - | 17,250 |
| 398 | Networking Infrastructure | 43,743 | 18,121 | - | 23,000 | - | 84,864 |
| 400 | Data Center Hardware | 88,730 | 17,010 | - | - | - | 105,739 |
| 401 | Enterprise Data and Information Architecture Implementation | - | - | - | 11,500 | - | 11,500 |
| 402 | Campus Stormwater Management Program | 226,218 | 150,812 | - | - | - | 377,030 |
| 403 | Roof Replacement Program | 11,500 | 11,500 | 11,500 | 11,500 | 11,500 | 57,500 |
| 408 | HVAC Upgrade for Campus Buildings | 30,947 | 30,924 | 28,245 | 30,625 | 17,814 | 138,553 |
| 409 | HVAC Upgrade Study & Project for ECC | 11,500 | - | - | - | - | 11,500 |
| 410 | BWP Audio and Video Life Cycle Program | 5,750 | 2,875 | 2,875 | 2,875 | 2,875 | 17,250 |
| 411 | Assets Management Ticketing System | 5,750 | 5,750 | - | - | - | 11,500 |
| 413 | Oracle to Cloud or ERP Replacement | - | - | - | 94,875 | 104,363 | 199,238 |
| 414 | Migrate Hyperion to Cloud Solution | 30,360 | - | - | - | - | 30,360 |
| 416 | Capital Planning and Accounting Mgmt Syst/Study | 4,934 | 28,750 | - | - | - | 33,684 |
| 417 | Robotic Processing Automation Study | 11,500 | - | - | - | - | 11,500 |
| 419 | Meter Data Management System Upgrade and Update | 187,500 | - | - | - | - | 187,500 |
| 420 | Customer Information System Upgrade | 43,750 | - | - | - | - | 43,750 |
| 421 | Customer Payment Options | - | 100,000 | - | - | - | 100,000 |
| 422 | CRM Tool - Free Agent/Responsys | - | - | - | - | 25,000 | 25,000 |
| 423 | Enterprise Data Platform - SMS Analytics Use Case | - | - | - | 25,000 | - | 25,000 |
| 424 | Marketing Automation | 30,000 | - | - | - | - | 30,000 |
| 425 | Website Upgrade | 25,000 | - | - | - | 50,000 | 75,000 |
| 426 | Sustainability engagement | 15,000 | - | - | - | - | 15,000 |
| 433 | Customer Service Call Center Study | 75,000 | - | - | - | - | 75,000 |
| 434 | OT Cyber Security Protection & Monitoring | 44,916 | 64,645 | 17,250 | 5,750 | 17,250 | 149,811 |
| 436 | BWP Enterprise Security | 11,500 | 5,750 | - | 17,250 | - | 34,500 |
| 464 | WAM Upgrades | 11,500 | 42,838 | - | - | - | 54,338 |
| 474 | Emergency Exit in Black Wrought Iron West Wing of Admin | 10,000 | - | - | - | - | 10,000 |
| 475 | Emergency Exit from Admin, East Wing, 1st & 2nd floor | 20,000 | - | - | - | - | 20,000 |
| 477 | Sub-Total | 945,097 | 496,224 | 59,870 | 222,375 | 228,801 | 1,952,366 |
| 478 | | | | | | | |
| 479 | Grand Total Water Fund CIP Projects | 11,563,738 | 7,849,741 | 5,656,112 | 10,277,696 | 5,863,630 | 41,210,917 |