Weekly Management Report
July 26, 2024

1. **Memo** Long Beach First-Time Homebuyer Assistance Program
   Community Development Department

2. **Staff Report** June 2024 Operating Results
   Burbank Water and Power Department

MEMORANDUM

COMMUNITY DEVELOPMENT

DATE: July 23, 2024

TO: Justin Hess, City Manager

FROM: Patrick Prescott, Community Development Director
VIA: Simone McFarland, Assistant Community Development Director, Housing and Economic Development
Shipra Rajesh, Housing Development Manager
BY: Adana Ghazarian, Administrative Analyst I

SUBJECT: CM Tracking List #2589 - LONG BEACH FIRST-TIME HOMEBUYER ASSISTANCE PROGRAM

BACKGROUND

During the January 9, 2024, City Council meeting, Mayor Nick Shultz requested additional information about the First-Time Homebuyer Assistance Program in the City of Long Beach. This memo provides a summary of the program that was initially implemented in the City of Long Beach in March of 2023. The program was recently expanded by removing requirements pertaining to residing in federally designated census tracts, increasing the program grant amount from $20,000 to $25,000 and increasing the income eligibility limit from 150 percent to 200 percent of Los Angeles County Area Median Income (AMI)[1].

DISCUSSION

The City of Long Beach implemented a First-Time Homebuyer Assistance Program for qualified residents to assist low- and moderate-income families traditionally underrepresented in homeownership with purchasing their first home and building multi-generational wealth. Long Beach's Program was designed to assist approximately 100 households by providing up to $25,000 to be used towards a down payment, loan points

[1] 200 % AMI represents above-moderate income.

Current Income Limits as of January 2024*								
Number of persons in household	1	2	3	4	5	6	7	8
200% of Los Angeles County AMI	$137,500	$157,100	$176,800	$196,400	$212,100	$227,800	$243,500	$259,200
*Income limits are updated annually								

or fees to buy down their mortgage interest rates, and other non-recurring closing costs such as loan, title, and escrow fees. Program grants are awarded on a first-come, first-served basis when a qualified applicant opens escrow on an eligible home.

Long Beach First-Time Homebuyer Assistance Program Eligibility Requirements
Eligible applicants residing in any part of the City of Long Beach can apply for the First-Time Homebuyer Assistance Program. To qualify for the program, the household income of prospective applicants shall not exceed 200 percent of Los Angeles County AMI. Additionally, a prospective applicant shall be able to meet the following criteria:

- Be a first-time homebuyer, defined as a someone who has not owned a home in the past three years.
- Be a first-generation homebuyer[2].
- Be pre-approved by a lender for a 30-year fixed mortgage loan. Cash purchases are not eligible.

Long Beach First-Time Homebuyer Assistance Program Application Process
The Long Beach First-Time Homebuyer Assistance Program application is available on the City's website. Moreover, the City makes the application available in different languages including Spanish, Khmer, and Tagalog upon request. The City of Long Beach website includes a guided video to assist applicants in creating an account to apply for the program. Complete applications are processed in the order that they are received. Upon receipt of a complete application, the City reviews the application and issues a notice of Program Qualification to applicants who meet the eligibility requirements. Once qualified, applicants can shop for a home, receive a fully accepted purchase contract, and open escrow on an eligible property. The City of Long Beach issues grant awards to qualified homebuyers at the time they open escrow, pending availability of funds.

Applicability to Burbank
On September 27, 2022, the Burbank City Council approved the 2021-2029 sixth cycle Housing Element, Safety Element, and Environmental Justice General Plan updates. One of the objectives in 2021-2029 Housing Element Housing Program is to promote first-time homebuyer opportunities in high resource neighborhoods in Burbank through both regulatory and financial incentives, as well as to conduct affirmative marketing to promote equal access to homeownership opportunities. Should the Council wish to establish a first-time homebuyer program in Burbank similar to Long Beach, the Council would have to approve funding for resources including staffing for administration of the program.

[2] A first-generation homebuyer is defined as someone whose parents or guardian never owned a home during the homebuyer's lifetime or someone who lost their home to a foreclosure or short sale and does not own a home now. Anyone who lived in foster care also qualifies as a first-generation homebuyer.

STAFF REPORT

9A.

WATER AND POWER

DATE: **August 1, 2024**

TO: Burbank Water and Power Board

FROM: Mandip Kaur Samra, General Manager – Burbank Water and Power

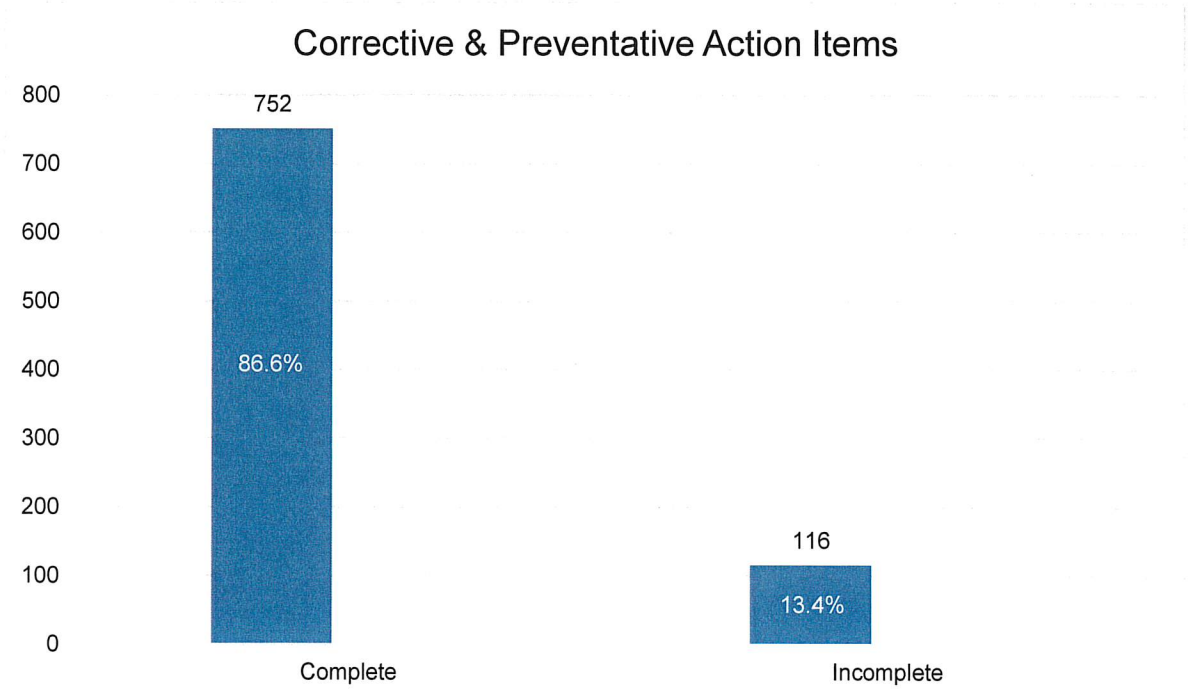
SUBJECT: **June 2024** Operating Results

***Please note that changes from last month's report are in BOLD.**

SAFETY

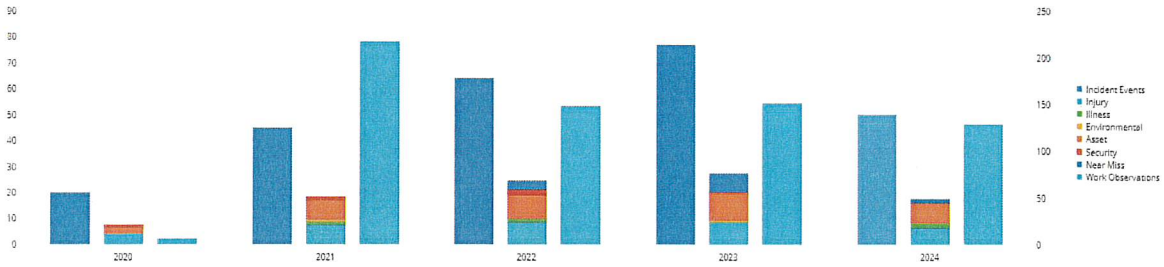
Corrective & Preventative Action Items (May 2019 – Present) (85% Goal):

Staff tracks action items for Environmental Health and Safety (EHS) events from start to closure to prevent the recurrence of injury or damage to the City or public property; BWP has closed **86.6%** of corrective and preventative action items since the start of capturing and tracking in May 2019.



Incidents, Near Misses, and Observations:

BWP continues to improve employee engagement, as measured by the number of incidents, near misses, and observation reports received from employees. By reporting these events, we create opportunities to learn and prevent harm to people, the environment, and property. From January 1, 2024, to the present, BWP has received 179 EHS-related reports to count towards the 2024 annual goal of 250.

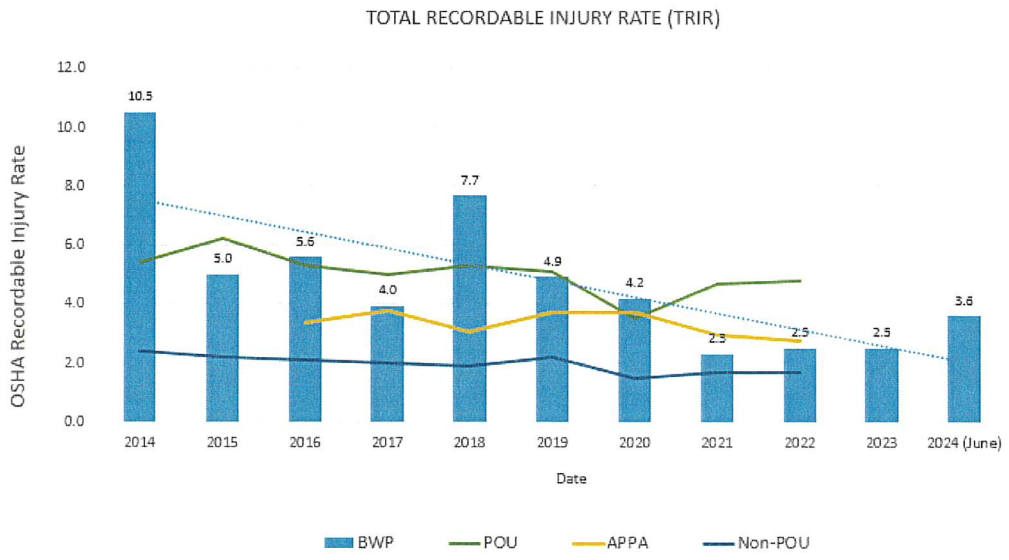


Consequences

Year	Incident Event	Injury	Illness	Environmental	Asset	Security	Near Miss	Work Observations
2020	20	12	0	0	7	2	0	6
2021	45	21	4	2	21	3	0	217
2022	64	24	4	0	25	6	9	148
2023	77	24	1	1	29	2	19	151
2024	50	18	5	0	21	1	4	129
Total	**256**	**99**	**14**	**3**	**103**	**14**	**32**	**651**

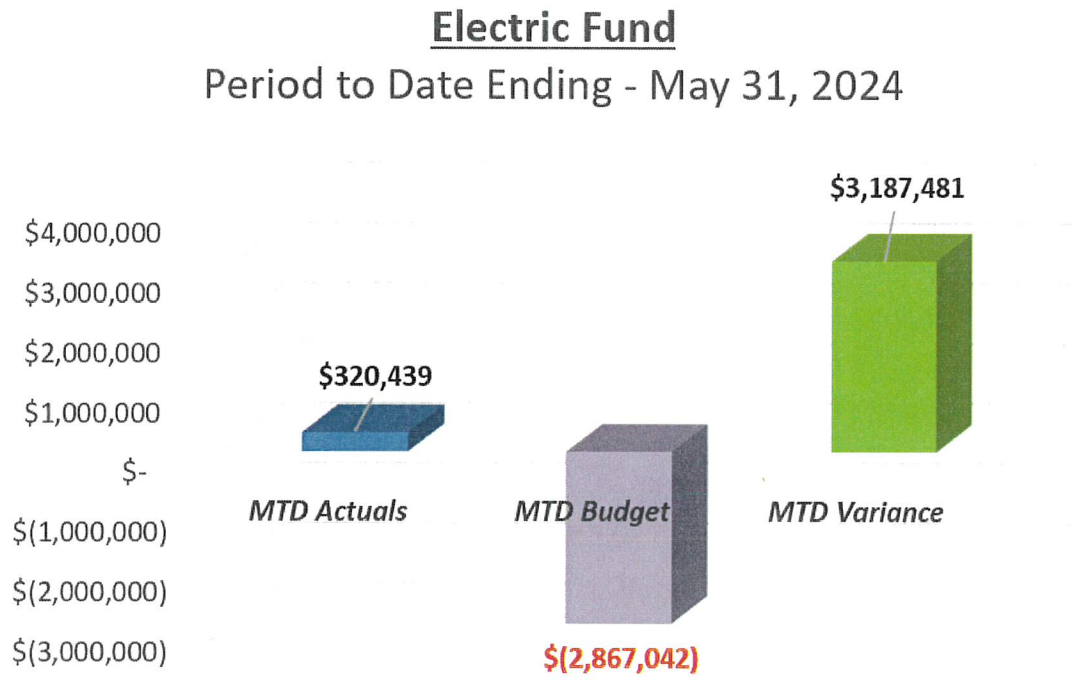
OSHA Total Recordable Incident Rate (January 2014 – Present):

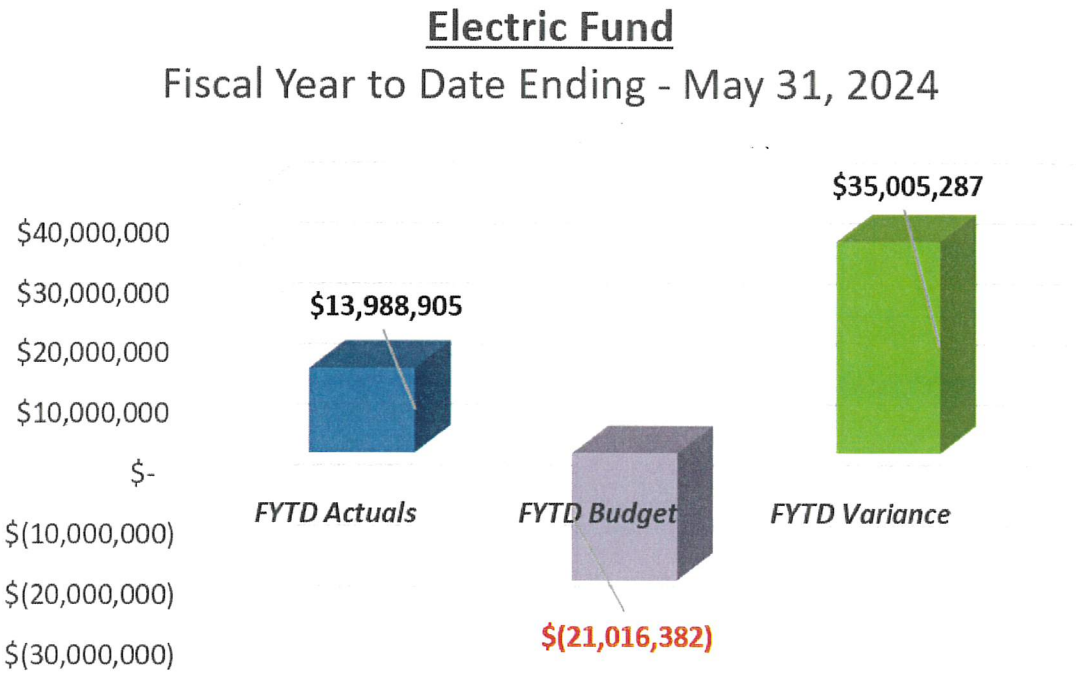
In June 2024, BWP had no recordable injuries. BWP's 12-month rolling average OSHA total recordable incident rate is 3.6.



OSHA Recordable Injury Rate = No. of recordable cases per 100 full time employees. Current year expressed as 12 month rolling average
POU - Publicly Owned Utilities - Bureau of Labor Statistics
APPA - American Public Power Association - Average recordable injury rate for similar sized organization
Non-POU - Bureau of Labor Statistics, all non-govenrnmental utility services

Electric Financial Results

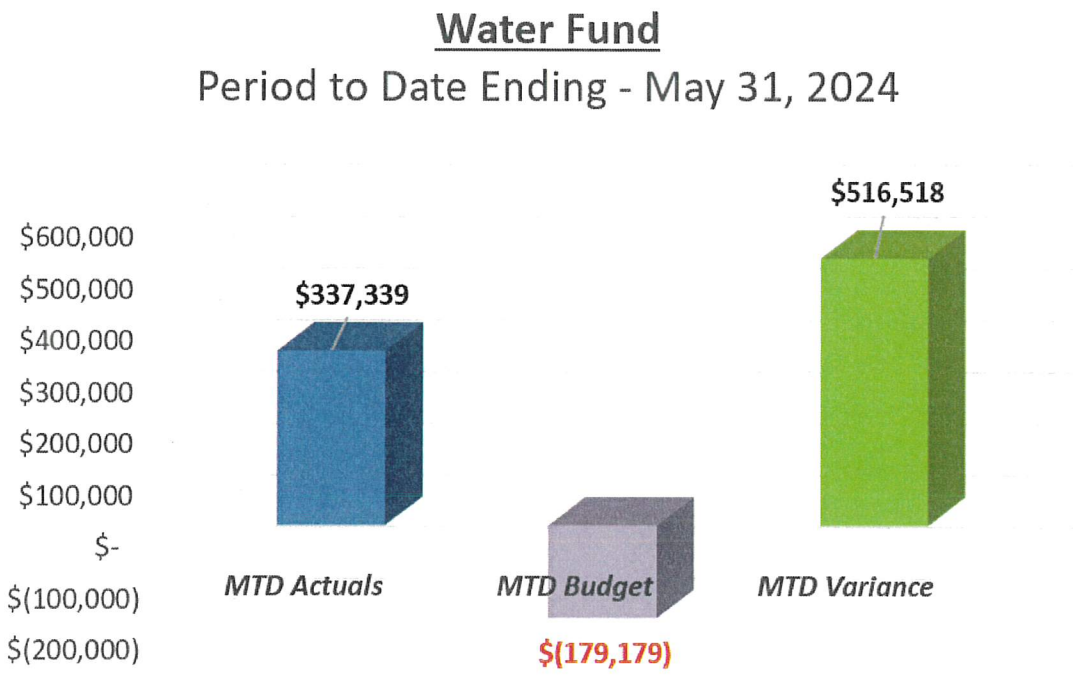


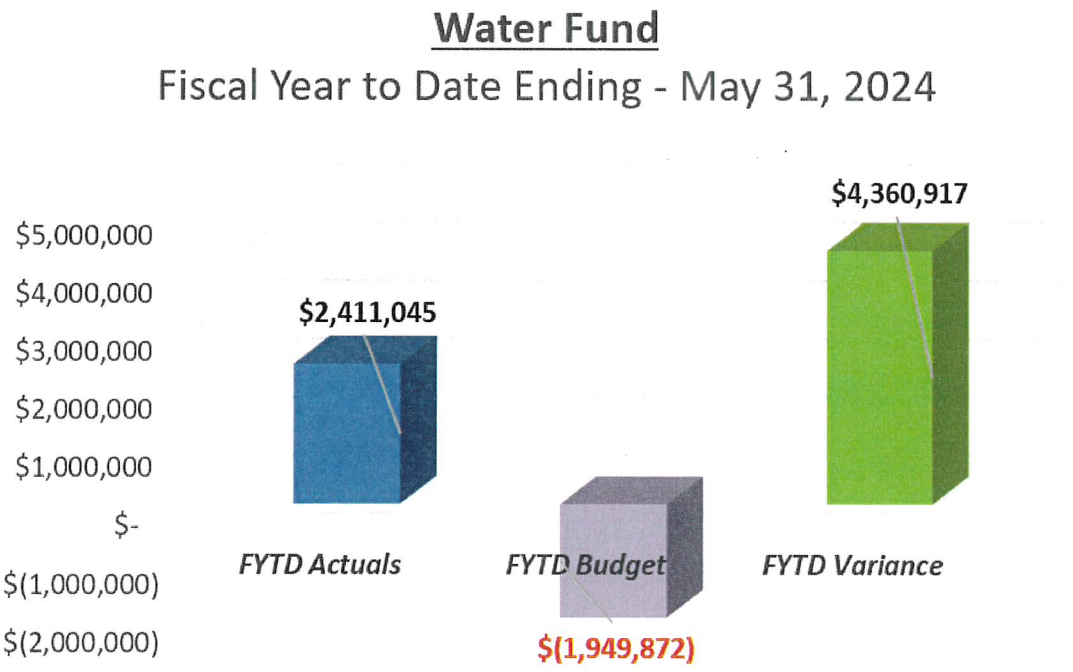


The favorable variance was primarily attributed to lower than planned power supply and transmission expenses, lower than planned operating expenses, a favorable wholesale margin, and higher than planned interest income, offset partially by lower than planned retail sales.

For additional details, please see the attached financial statements.

Water Financial Results





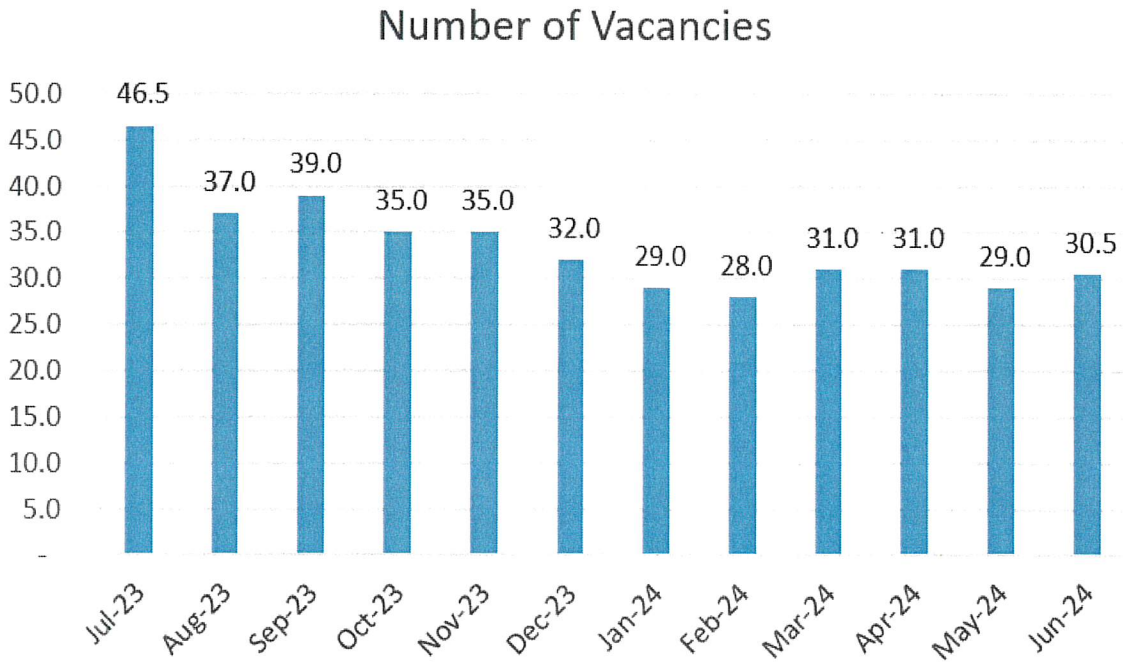
The favorable variance was primarily attributed to lower than planned operating expenses and lower than planned water supply expenses, offset partially by lower than planned operating revenues.

For additional details, please see the attached financial statements.

The table below shows the number of vacant positions throughout the utility. As of **June 2024, 8.6%** of the budgeted positions were vacant, down from 13.1% at the beginning of the fiscal year.

Vacancies

Total Budgeted Positions	356
Total Positions Filled	**325.5**
Total Positions Vacant	**30.5**



WATER DIVISION

Burbank's Water Use

The table below shows water use in Burbank during **June 2024** compared to **June 2020,** measured in gallons per capita per day (gpcd). Similar to the past two years, the baseline year 2020 is used for consistency. Although the governor's request to voluntarily reduce water consumption has been rescinded, we will continue to track our water use. The table below shows that water use has been reduced every month during the last 12-month period when compared to 2020 water use.

	Average Monthly Use
June 2020	**149 gpcd**
June 2024	**126 gpcd**

	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	June 2024
2020	149	157	162	159	153	136	132	125	126	104	112	141	**149**
Goal	127	134	138	135	130	116	112	106	107	88	95	119	**127**
Actual	115	134	134	126	125	119	109	103	96	103	105	121	**126**
% Diff.	-22.8%	-14.7%	-17.4%	-20.5%	-18.3%	-12.7%	-17.5%	-17.6%	-26.2%	-0.8%	-6.7%	-13.9%	**-15.4%**

Water use, in terms of gpcd, during **June 2024** was **15.4%** less than the **June 2020** baseline. For the fiscal year 2023-24, the goal is to reduce cumulative annual water use by 20% compared to the 2020 calendar year using water sustainability programs and education to focus on efficiently using our water resources.

Burbank Operating Unit (BOU) Water Production

The table below provides the BOU's operational data for **July 2023** through **June 2024**.

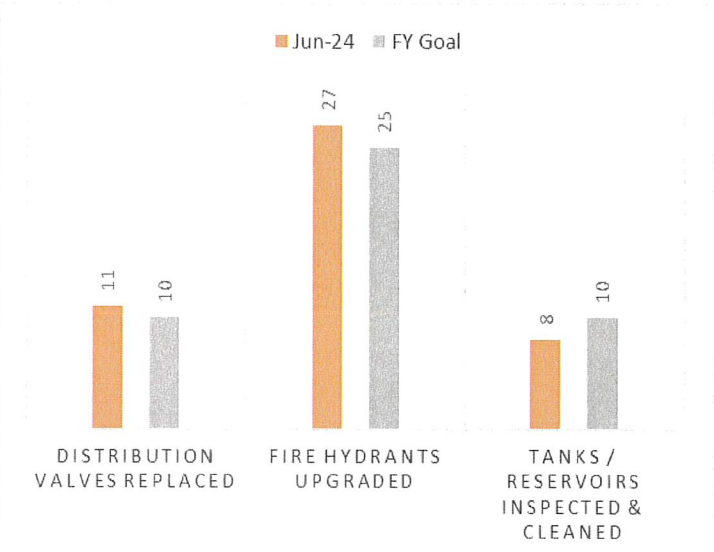
Month	BOU Capacity Factor	BOU Ave. Flow Rate	Total System Blend % MWD/BOU
23-Jul	80.13%	7,212 gpm	25%/75%
23-Aug	76.75%	6,908 gpm	27%/73%
23-Sep	85.32%	7,679 gpm	16%/84%
23-Oct	89.06%	8,015 gpm	11%/89%
23-Nov	83.27%	7,494 gpm	13%/87%
23-Dec	86.03%	7,743 gpm	18%/82%
24-Jan	85.55%	7,700 gpm	15%/85%
24-Feb	79.83%	7,184 gpm	15%/85%
24-Mar	76.56%	6,891 gpm	21%/79%
24-Apr	73.11%	6,580 gpm	14%/86%
24-May	85.87%	7,728 gpm	13%/87%
24-Jun	85.92%	7,732 gpm	13%/87%
Ave Blend %-last 12-months			17%/83%

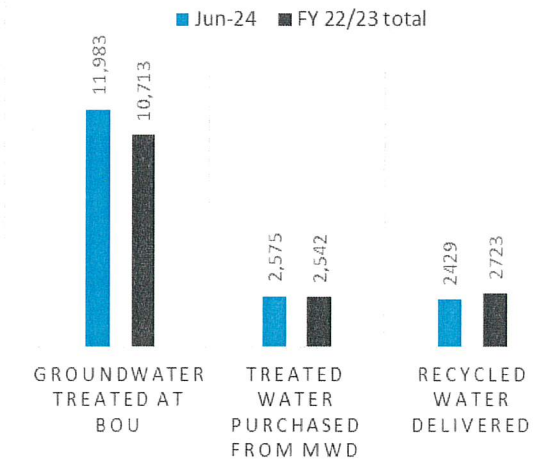
The total system blend percentage represents the total amount of water purchased from the Metropolitan Water District (MWD) vs. the amount treated by the BOU. This, along

with the capacity factor, is an important efficiency measure. The capacity factor may fluctuate based on demand and plant production. The amount of MWD water needed is determined by demand, availability of BOU water, and O&M outages.

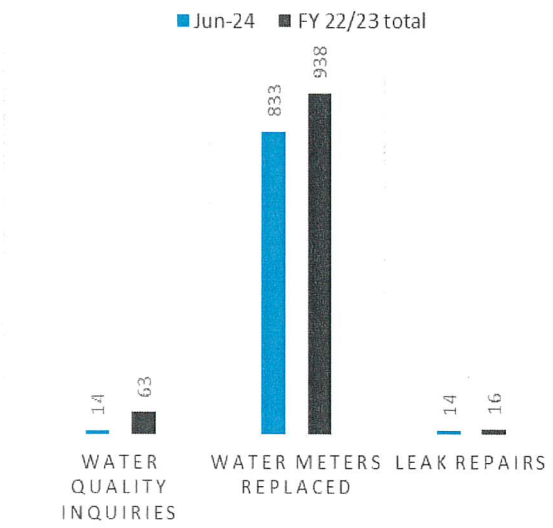
Key Performance Indicators

The graphs below illustrate the water division's progress on key performance indicators through **June**.





ALL VALUES IN ACRE FEET



The Production and Operations section met, and in most cases, exceeded their work goals for FY 23/24.

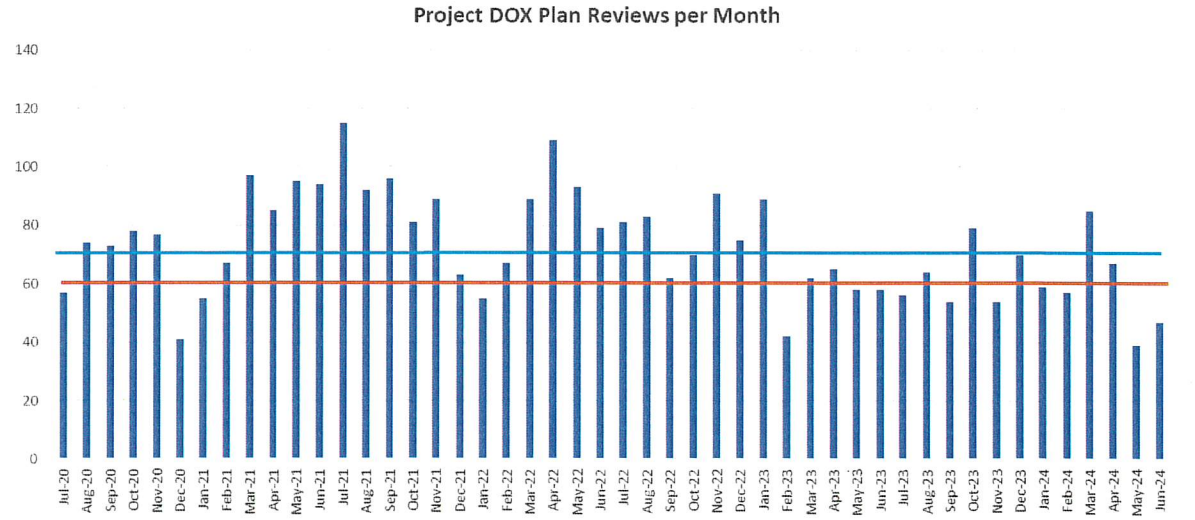
OPERATION AND PRODUCTIONS SECTION WORK DATA
FY 23/24

ITEM	GOAL	JULY	AUG.	SEPT.	OCT.	NOV.	DEC	JAN.	FEB.	MAR	APR	MAY	JUNE	YTD	YTD Goal	% Goal
1.BACTERIOLOGICAL TESTING	120/MO	151	198	167	176	128	128	166	132	134	161	147	135	1,823	1,440	126.6%
2. BOOSTER MAINTENANCE	35/MO	39	43	39	47	44	44	30	40	26	47	33	44	476	420	113.3%
3.DEAD-END FLUSHES	8/MO	10	9	10	10	8	10	13	10	10	10	10	8	118	96	122.9%
4.NITRIFICATION PROGRAM TESTING	24/MO	36	39	36	38	34	36	40	40	37	36	36	34	442	288	153.5%
5.SITE INSPECTION	1483/MO	1,519	1,519	1,470	1,519	1,519	1,519	1,519	1,421	1,519	1,470	1,519	1,470	17,983	17,796	101.1%
6.RES. CLEANING / INSPECTION	8/YR	0	1	0	2	0	0	0	2	2	1	0	0	8	8	100.0%
7.TREATMENT PLANT INSPECTION	10/MO	10	10	10	10	10	10	10	10	10	10	10	10	120	120	100.0%
8.WATER QUALITY TESTING	800/MO	1,320	1,439	1,380	1,274	870	836	902	796	842	816	890	1,031	12,396	9,600	129.1%
9.OUTSIDE LAB SAMPLES	25/MO	92	39	35	65	39	30	55	28	29	64	49	30	555	300	185.0%
10.VALVE TURNING	70/MO	78	86	78	93	88	88	60	80	52	94	66	88	951	480	198.1%

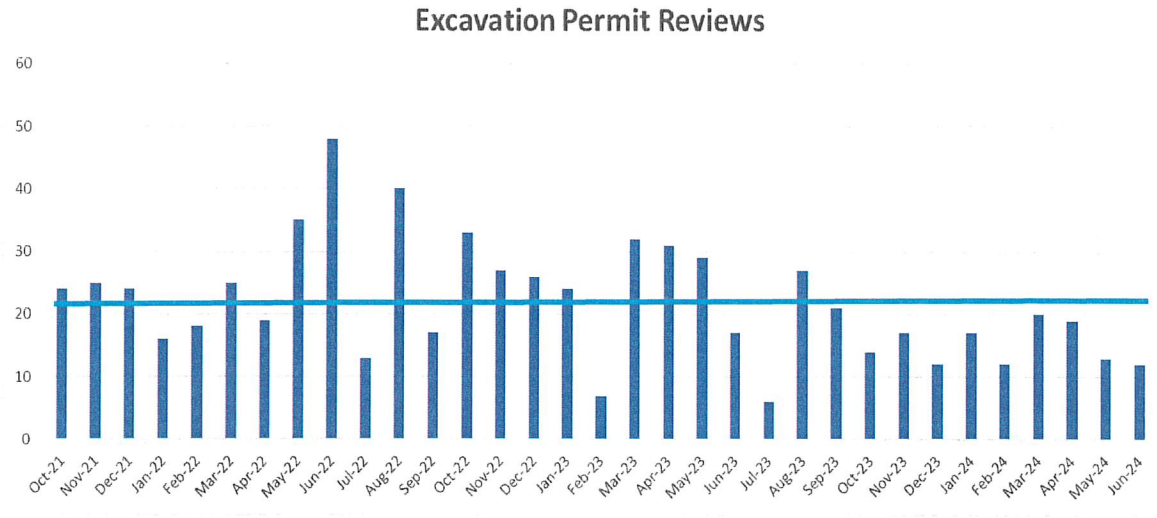
1. BACTERIOLOGICAL TESTING, INCLUDES ***ALL*** CAL. D.H.S. REQUIRED BACTI SAMPLES AND DEPARTMENTAL SAMPLES PERFORMED IN-HOUSE
2. OPERATIONAL CHECKS, REPAIRS, OVERHAULS, ALIGNMENTS, AND P&M ON ALL BOOSTERS AND PORTABLE PUMPS.
3. DEAD-END FLUSHES ARE PART OF THE WATER DEPT. STRATEGY TO MEET PUBLIC HEALTH GOALS.
4. NITRIFICATION PROGRAM TESTING ARE SAMPLES TAKEN MONTHLY AT DEAD-ENDS AND RESERVOIRS FOR THE CITY'S NITRIFICATION PLAN.
5. SITE INSPECTIONS INCLUDE ALL DAILY AND MONTHLY WELL SITES, MWD CONNECTIONS, PUMP STATIONS, INTERCONNECTIONS, EXTERIOR INSPECTIONS OF ALL RESERVOIRS, AND GROUNDS FOR BOTH POTABLE AND RECLAIMED FACILITIES.
6. INTERIOR CLEANING AND/OR INSPECTION OF RESERVOIRS AND TANKS.
7. INSPECTIONS INCLUDING VPP FIRE EXTINGUISHERS, SCBA'S, EYEWASHES, CHEMICAL DETECTORS, SCADA, ALARMS, SCRUBBER, GENERATOR, AND TRANSFER SWITCH.
8. WATER QUALITY TESTING INCLUDES GENERAL PHYSICAL, VALLEY PLANT QUALITY SAMPLES AND NITRATES, AND CHLORINE RESIDUALS NOT INCLUDED IN NITRITE TESTING OR BACTI TESTS.
9. OTHER VPP WATER QUALITY SAMPLES TESTED BY CONTRACTORS INCLUDES: VOC, GROUP 1,2,3, THM'S, CHROMIUM, HPC AND OTHER TITLE 22 DHS REQUIRED SAMPLES.ONE FOR EACH TYPE OF SAMPLE PERFORMED.
10. ALL DISCHARGE AND SUCTION ISOLATION VALVES FOR POTABLE AND RECYCLED BOOSTERS.

Plan Reviews

The Water Division has seen a significant increase in plan reviews since the onset of the COVID-19 pandemic, and we began tracking them in July 2020. Most of the plan reviews are ADUs (accessory dwelling units). **The number of plan reviews in June 2024 was 47, more than the prior month's 39,** and the number of excavation permit reviews decreased from **13 in May 2024 to 12 in June 2024**.



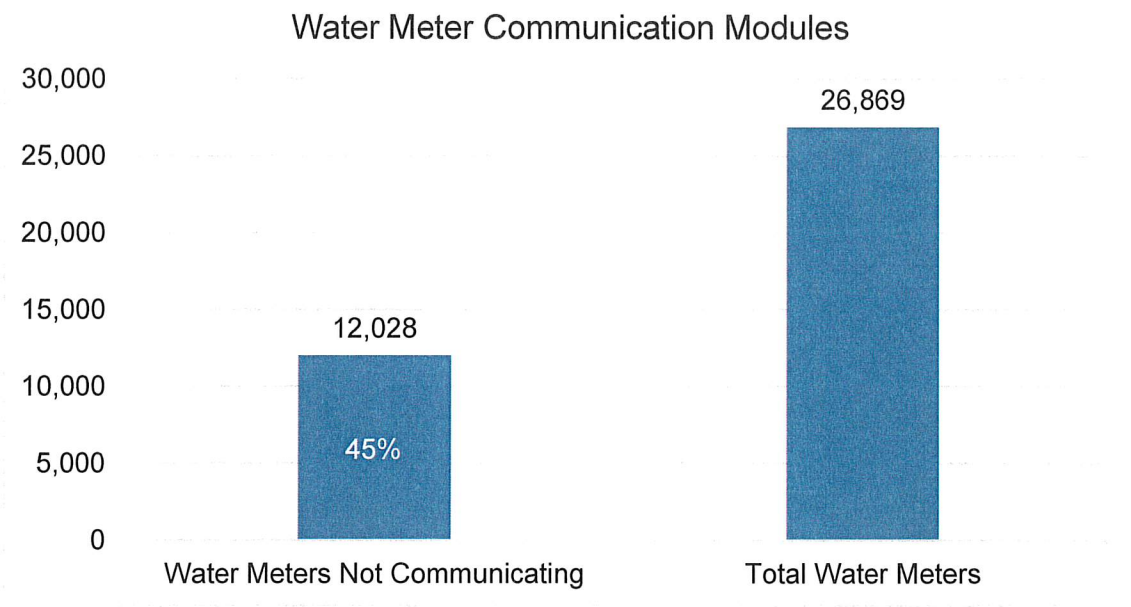
*Blue line is the average *Red line is the productivity of an experienced water service planner.



Excavation permits cover construction work in the City's right-of-way for projects done by utilities such as gas, electric, fiber optic, water, storm drains, and sewers.

Leak Alert Notifications

BWP began providing leak alert service to residents who registered to receive notifications. This service, called Water Smart, works by receiving hourly water usage from the meter and analyzing this data to determine if a leak might be present based on continuous usage.



The remaining schedule for the AMI project is provided below:

- May 2024 – Completion of Alpha Phase Testing
- September 2024 – Completion of Beta Phase Testing (Two-month delay due to pending engagement with Advanta for Siemens adapter work)
- September 2024 to May 2025 – Full Deployment
- July 2025 – Project Closeout

BWP staff will provide updates on the AMI project as needed.

<u>Burbank's Path to Sustainable Water Use</u>
Water use has declined by 15.6% over the last 12 months compared to the same period in 2020.

The table below shows the actions taken on accounts that did not comply with the Sustainable Water Use Ordinance for FY 23-24. In May 2024, BWP issued 8 educational letters, 5 first warning notices, and 1 second warning notice based on residents' observations.

Actions on Non-Compliant Accounts (Data from AMI System)				
Total	**1st Notice**	**2nd Notice**	**Citation # 1**	**Citation # 2**
FY 23-24	**750**	**292**	**111**	**70**

Note: No notices were sent in June from AMI data.

	Actions on Non-Compliant Accounts (Data from Observations)				
Total	Educational Material	1st Notice	2nd Notice	Citation # 1	Citation # 2
FY 23-24	97	132	12	4	None

Project Updates

Pipefitter Apprentice Recruitment:

BWP is always looking for the best possible employees. The Water Division recruits annually for their Pipefitter Apprentice Program. This process starts with roughly 500+ applicants who take a written skills test. From there, we invite the top 60 candidates to perform a physical agility test. During this agility test, candidates are tested on their physical capability, ability to use small hand tools and mechanical equipment related to the water industry, and capacity to follow written instructions. The top candidates will be ranked and invited to participate in the interview process for consideration. Being a BWP Pipefitter is very hard work and requires tremendous dedication and commitment. However, the candidate selected for the position will have the opportunity to start a very rewarding career in the water industry and the community it serves.

Candidates shown here are utilizing various tools to install a water meter box.

Candidates shown above will display their knowledge of various piping types and tooling used in the water industry.

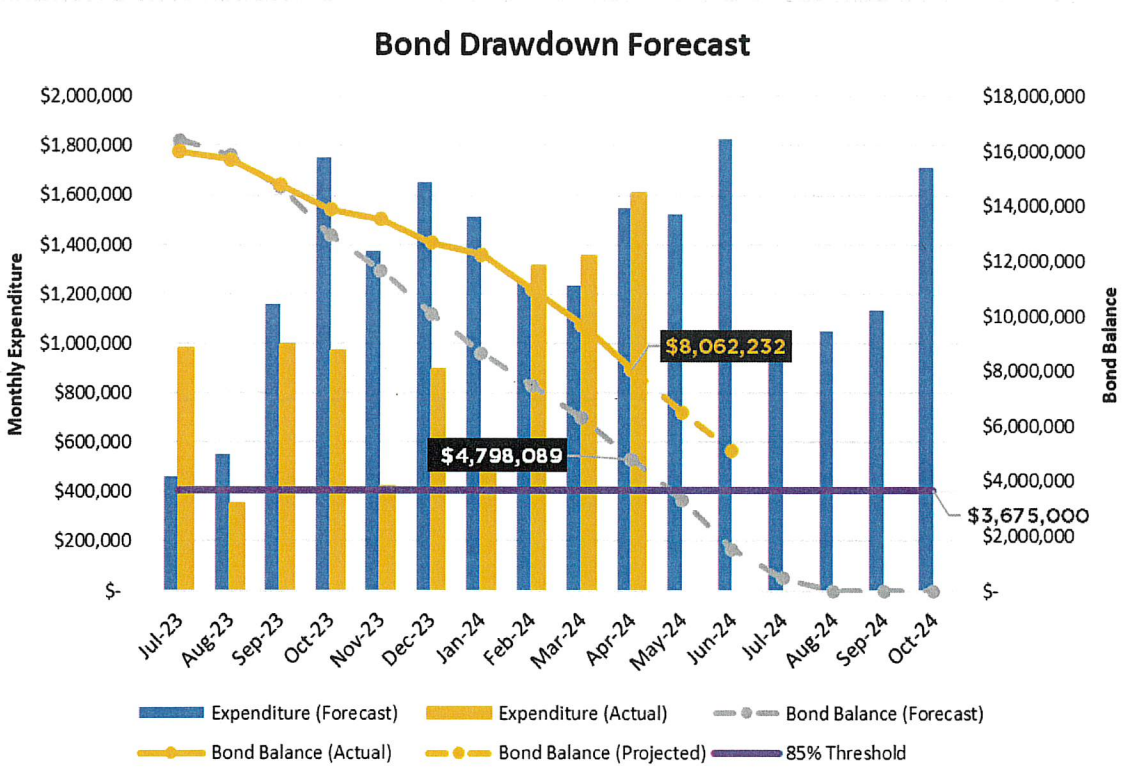
Candidates shown above articulate through an obstacle course, demonstrating their strength, balance, and agility.

Water Bonds

In November 2021, the Water Division issued $24.5 million in bonds to fund capital expenditures. The bond tax certificate specifies that BWP reasonably expects at least 85% of the bonds to be used for financing projects or spent within three years of issuance. In other words, by November 2024, the remaining bond balance must be $3,675,000 or lower.

To track the achievement of this expenditure goal, a bond drawdown forecast was developed to monitor monthly progress. The forecast assumed straight-line expenditures for the planned capital projects, understanding that actual costs might vary based on factors such as material and human capital availability, invoice creation, receipt, and processing times.

The bond drawdown forecast can be seen in the graph below.



ELECTRIC DISTRIBUTION

Electric Reliability

In **June 2024**, Burbank Water and Power (BWP) experienced **no** sustained feeder outages. In the past 12 months, automatic reclosing has reduced customer outage time by approximately **1,351,204** customer minutes.

Reliability Measurement	July 2022 – June 2023	July 2023 – June 2024
Average Outages Per Customer Per Year (SAIFI)	**0.2689**	**0.2956**
Average Outage Time Experienced Per Year (SAIDI)	**11.20 minutes**	**23.21 minutes**
Average Restoration Time (CAIDI)	**41.66 minutes**	**78.53 minutes**
Average Service Availability	99.998%	99.996%
Average Momentary Outages Per Customer Per Year (MAIFI)	**0.1850**	**0.3227**
No. of Sustained Feeder Outages	12	27
No. of Sustained Outages by Mylar Balloons	**1**	**5**
No. of Sustained Outages by Animals	0	1
No. of Sustained Outages by Palm Fronds	2	5

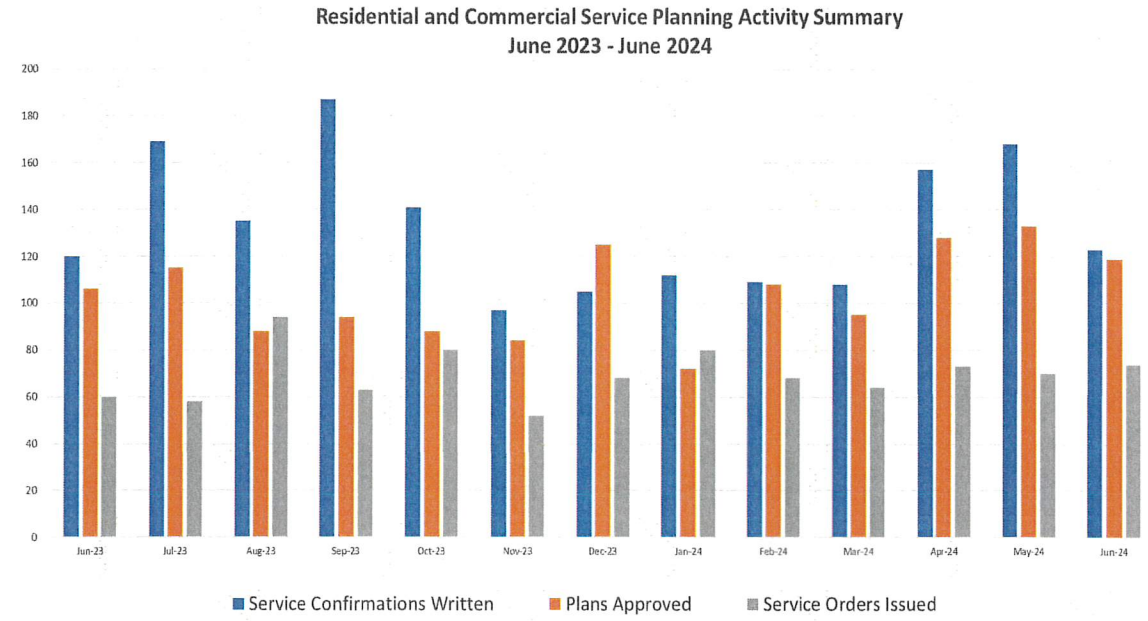
Supply Chain

The pandemic has heavily impacted the electric utility industry over the last several years. Pricing and lead times for equipment have increased at an accelerated pace. Below is a list of lead times for the most common distribution equipment:

Equipment	Typical Lead Time	Current Lead Time
Transformers	12-16 weeks	150+ weeks
Meters	4-6 weeks	38+ weeks
Cable	12-16 weeks	52+ weeks
Poles	6-8 weeks	30+ weeks

Residential and Commercial Service Planning Activities

BWP provides our residential and commercial customers with the electrical power they need for new services or upgrades to their existing services. For a customer to obtain a building permit for their construction, BWP service planners must visit the customer's facility and fill out an electric service confirmation form, which details what type of service is required and how it will be served. After reviewing and approving a customer's electrical plans, BWP service planners issue service orders to our field crews to conduct the inspections and electrical service work. The graph below summarizes the monthly activity for our residential and commercial service planning group within the Transmission and Distribution engineering section.



**Activity includes staff revisions to electric confirmations

FY23-24 Intrusive Wood Pole Inspection Completed

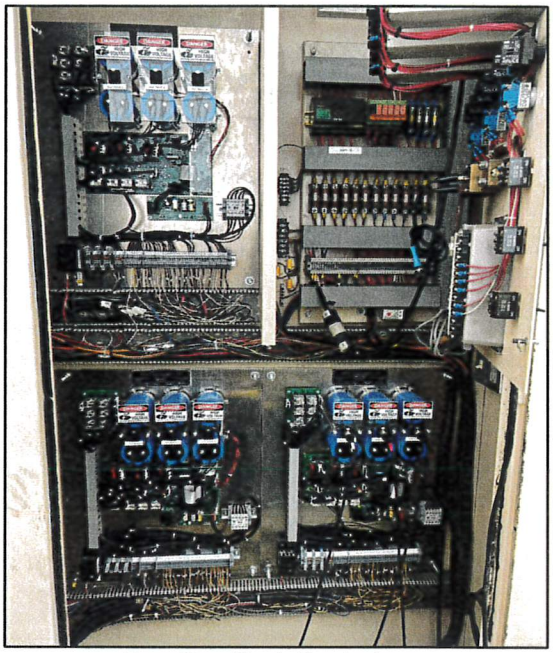
From January 2024 to June 2024, BWP's wood pole inspection contractor, Intec Services, performed 2,341 intrusive wood pole inspections throughout the City. Only 6 poles remain that were difficult to access. BWP crews will inspect them later. The engineering team will use this inspection data to prioritize pole replacements based on condition.

Capacitor Bank #1 Controls Upgrade at Capon Substation

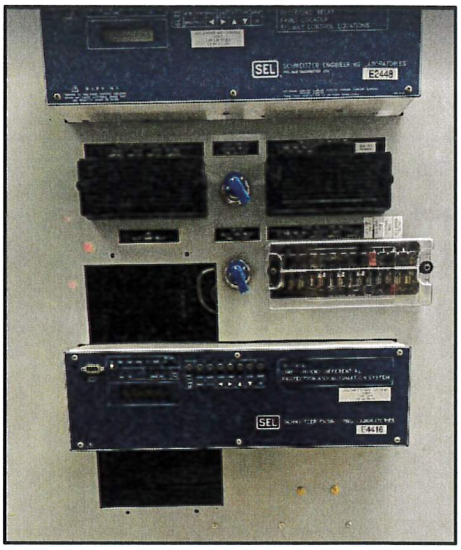
BWP budgeted a capital project that tackles upgrading the capacitor bank #1 controls at Capon Substation. The existing control's various parts are obsolete, and the Energy Control Center (ECC) was having difficulties closing the various stages of the cap bank. In addition, the controls have exceeded their 20-year life expectancy and are due for replacement. The cap bank controls were replaced with VESCO controls that were evaluated by BWP as the best option for replacement.

The controllers were replaced and tested in June 2024.

Old Cap Bank Controls



New Cap Bank Controls



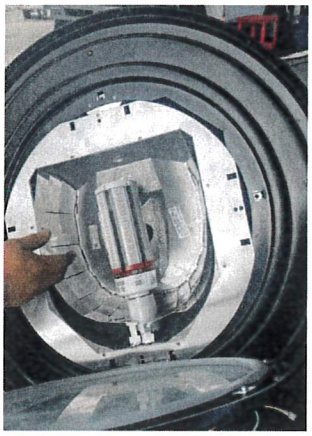
STREET LIGHTING

LED Replacement Program

In accordance with the Street Lighting Master Plan, BWP is replacing high-pressure sodium (HPS) street light luminaires with light-emitting diodes (LED) luminaires, which consumes approximately 60% less energy.

To date, **92.90%** of the total street light luminaires have been converted to LEDs, translating to an annualized energy savings of **5,400 MWh** or a **58.27%** reduction in energy consumption. LED conversions have also reduced the evening load by **1,251** kW, shortening the "neck of the duck curve" and reducing the energy generation BWP needs.

Marbelite and Octaflute posts across the city have completely transitioned to LED lighting. The remainder of LED light conversions are associated with decorative posts. BWP has 403 decorative LED lights remaining for conversion. The images below show some proposed solutions for converting our decorative lights.



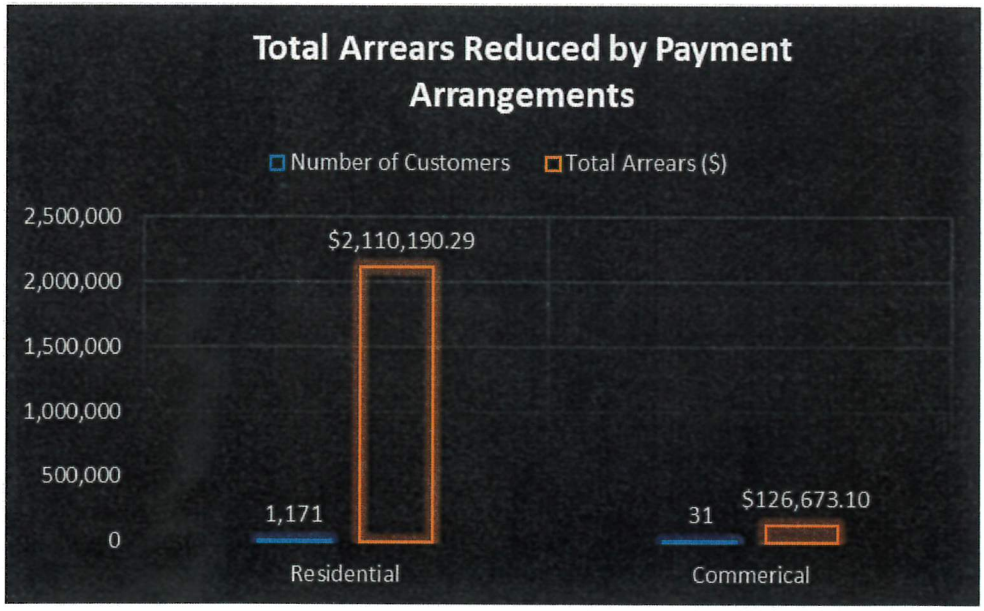
Keystone LED Bulb

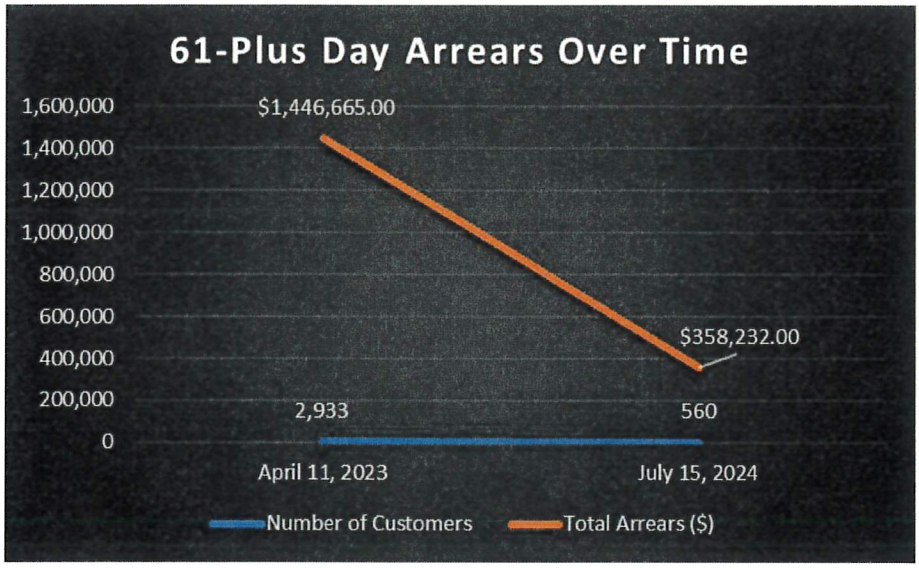
3-Ring Halo LED

Driver and Housing

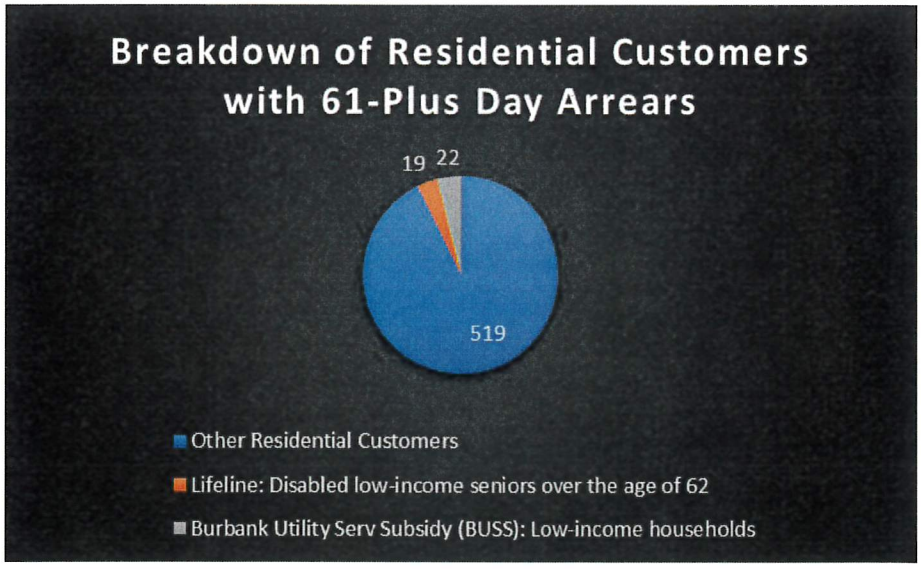
CUSTOMER SERVICE OPERATIONS

The below charts reflect the total arrears data.

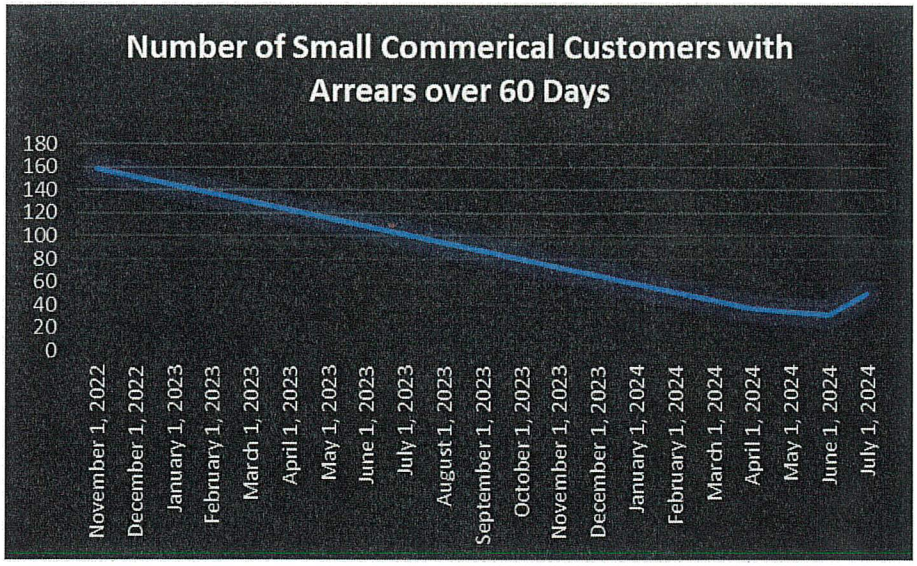




As of **July 1, 2024,** there are **560** residential customers with at least 60-plus days of arrears. Of these **560** residential customers, **19** receive the Lifeline rate for low-income seniors over the age of 62 and disabled customers, and **22** customers receive the Burbank Utility Service Subsidy (BUSS). The chart below reflects the breakdown of residential customers with 61-plus day arrears.



As of **July 15, 2024,** no Lifeline or BUSS customers have been disconnected for non-payment.



The above chart reflects small commercial customers who had arrears over 60 days and were eligible for disconnections. That number fell from 160 in September 2022, when the City Council approved restarting disconnections on small commercial accounts, to **50** as of **July 15, 2024**.

Outstanding Debt

As of **July 15, 2024,** the following is the current outstanding debt by commodity for all customer classes:

Aging By Service Type

Service Type	31-60	61-90	91+	Total	% of Total
Electric Service	830,531	209,976	242,687	1,283,194	59%
Water Service	191,574	42,719	57,539	291,832	13%
Sewer Service	119,853	47,967	66,163	233,983	11%
Fiber Optic Service	112,157	70,328	4,236	186,720	9%
Solid Waste Service	93,181	31,398	43,967	168,546	8%
General Service	591	133	44	768	0%
Miscellaneous Service	0	0	18	18	0%
Grand Total	**1,347,887**	**402,521**	**414,653**	**2,165,060**	**100%**

As of March 20, 2023, the total arrears for all commodities were $6,158,890. The above chart shows that this number has dropped to **$2,165,060**.

BWP Call Center Call Types & Volume

Customer Contact Types	% of Calls
START/STOP/CLEAN & SHOW	20%
BALANCE	18%
UPDATE CUST ACCOUNT INFO	7%
PAYMENT ARRANGEMENT	6%
DISCONNECT/RECONNECT	6%

Month	Call Volume
Jun - 23	3,699
Jul - 23	3,794
Aug - 23	5,128
Sep - 23	4,319
Oct - 23	4,227
Nov - 23	3,846
Dec - 23	3,732
Jan - 24	4,182
Feb-24	3,816
Mar- 24	3,811
Apr - 24	3,734
MAY-24	3,894
JUN-24	3,524
% Inc/MAY	-9.5%

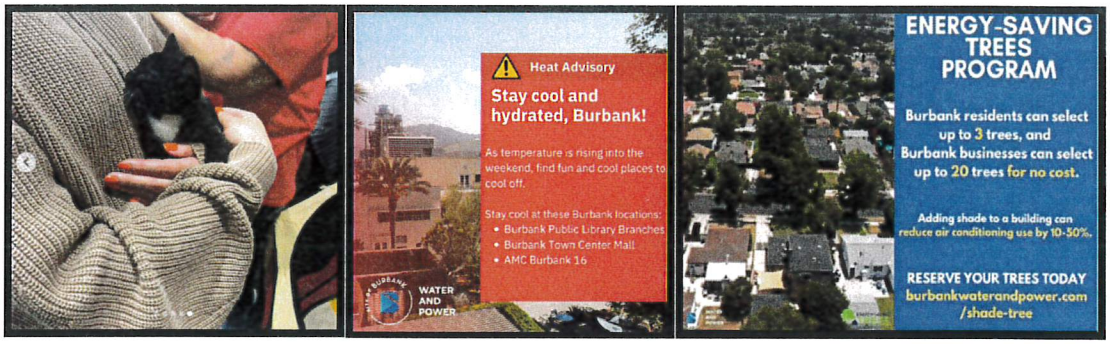
SUSTAINABILITY, MARKETING, AND STRATEGY

Social Media and Web Engagement

In June 2024, we engaged the community with various topics important for summer safety – heat event notices, energy conversation, scam alerts, and Burbank Animal Shelter's visit at BWP:

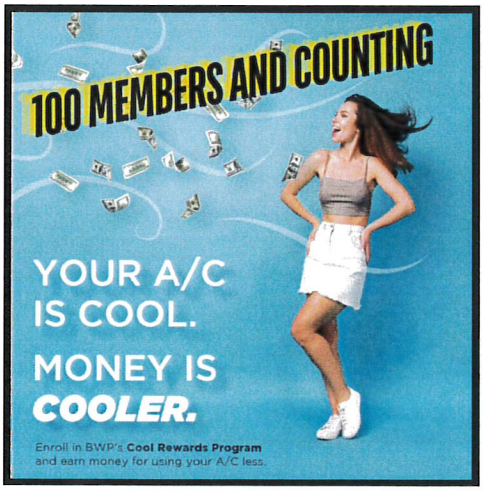
Notable Posts:

Burbank Animal Shelter visit
Heat Alerts
Energy Conservation – Energy-Saving Trees Program



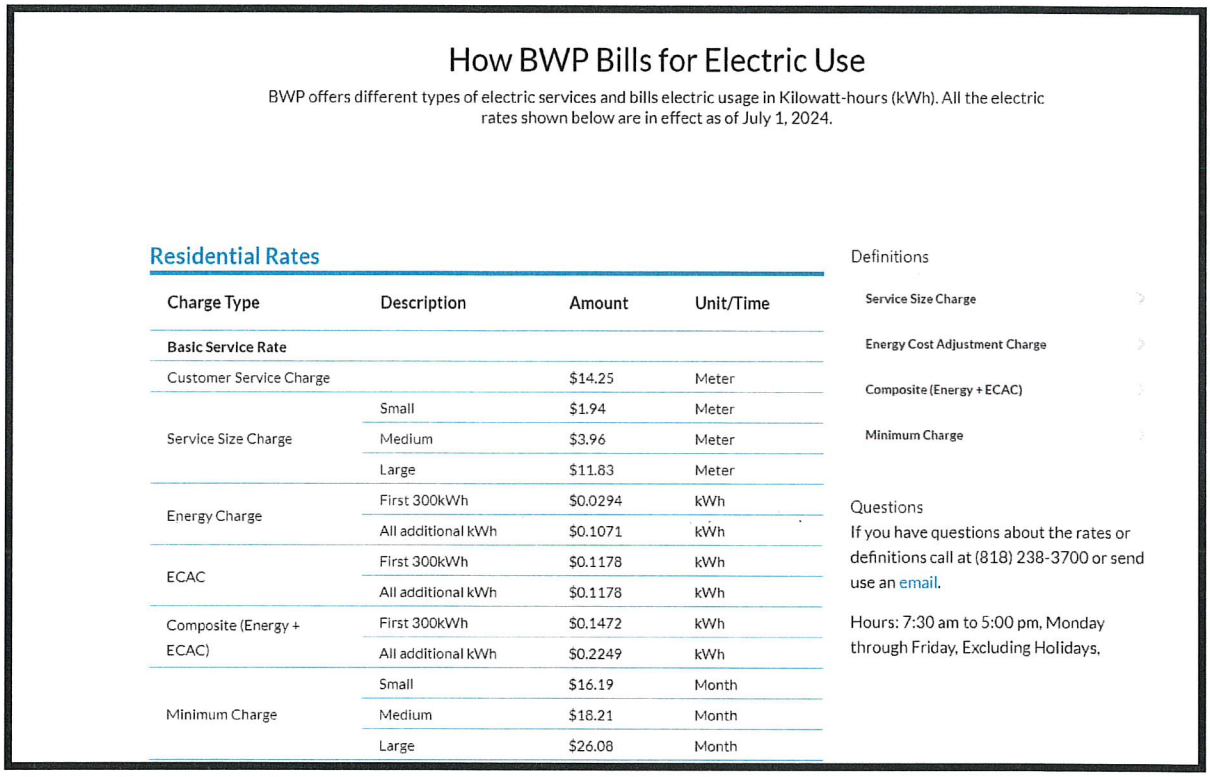
Please be aware that the outcomes of promoting specific programs may not be immediate and can take several weeks to materialize. Additionally, it's common for customers to bypass the link in the message. For this reason, we deploy omnichannel tactics combined with one-on-one engagement where possible, using the same message/graphic repeated through various advertising avenues. The intent is to generate a net overall positive outcome.

An example of this approach was the recent promotion of the Cool Rewards program, where we implemented social and web-based ads along with targeted advertising through the personalized Opower home energy reports sent to individual email addresses. This resulted in 419 click-throughs to the sign-up page in June.



By monitoring the responses to our most recent edition of the print Current newsletter, we hope to gain more valuable insights into customer engagement.

June is also an important month as it involves the release of the state-mandated water quality report and information on rate changes and fees. The BWP website was refreshed to provide detailed water quality and rate-related information with easy-to-navigate tables and links for additional detail. The revamped rate tables feature a user-friendly layout, ensuring the rates and their definitions are easily accessible. The new design is shown in the image below.



How BWP Bills for Electric Use

BWP offers different types of electric services and bills electric usage in Kilowatt-hours (kWh). All the electric rates shown below are in effect as of July 1, 2024.

Residential Rates

Charge Type	Description	Amount	Unit/Time
Basic Service Rate			
Customer Service Charge		$14.25	Meter
Service Size Charge	Small	$1.94	Meter
	Medium	$3.96	Meter
	Large	$11.83	Meter
Energy Charge	First 300kWh	$0.0294	kWh
	All additional kWh	$0.1071	kWh
ECAC	First 300kWh	$0.1178	kWh
	All additional kWh	$0.1178	kWh
Composite (Energy + ECAC)	First 300kWh	$0.1472	kWh
	All additional kWh	$0.2249	kWh
Minimum Charge	Small	$16.19	Month
	Medium	$18.21	Month
	Large	$26.08	Month

Definitions

Service Size Charge

Energy Cost Adjustment Charge

Composite (Energy + ECAC)

Minimum Charge

Questions

If you have questions about the rates or definitions call at (818) 238-3700 or send use an email.

Hours: 7:30 am to 5:00 pm, Monday through Friday, Excluding Holidays,

Community Outreach

June Print Currents:

In June, we successfully delivered the annual BWP water-quality report to more than 50,000 addresses in Burbank, reaching every household and business. This report not only details our water quality but also serves as a platform for a community message by our new General Manager, Mandip Samra. Additionally, Richard Wilson offered an update on Burbank's water situation in light of the recent consecutive wet winters. The newsletter also included details on BWP's conservation and financial aid programs. Furthermore, we allocated sections for Public Works, the Fire Department, and the City to convey vital messages to the residents of Burbank.

June 2024

Keep Current on Your Community-Owned Utility!

Currents

BURBANK WATER AND POWER

KEEP MOVING FORWARD

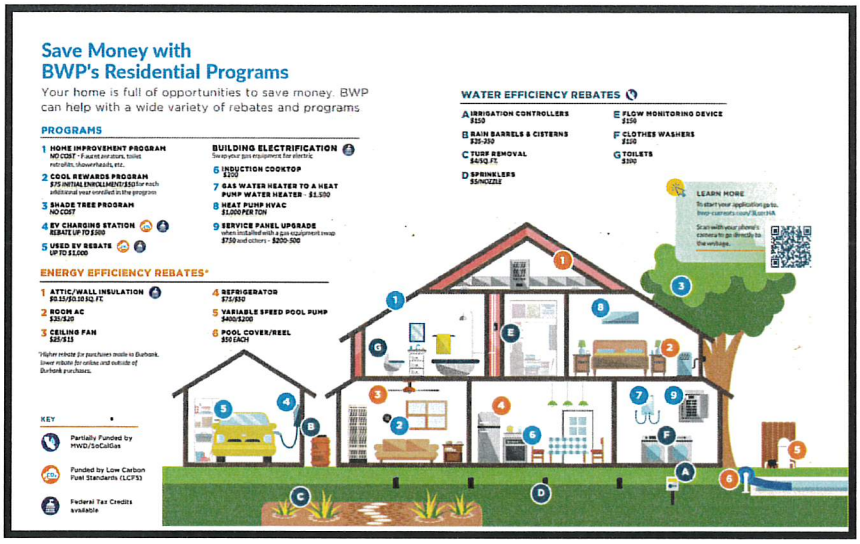
2023 WATER QUALITY REPORT

BURBANK'S 2023 ANNUAL WATER QUALITY REPORT

SAVE MONEY WITH BWP'S RESIDENTIAL PROGRAMS

This report contains vital information about your drinking water.

Este informe contiene información muy importante sobre su agua de beber. Tradúzcalo o hable con alguien que lo entienda bien.



Save Money with BWP's Residential Programs

Your home is full of opportunities to save money. BWP can help with a wide variety of rebates and programs

PROGRAMS

1 HOME IMPROVEMENT PROGRAM
NO COST - Faucet aerators, toilet retrofits, showerheads, etc.

2 COOL REWARDS PROGRAM
$75 INITIAL ENROLLMENT/$50 for each additional year enrolled in the program

3 SHADE TREE PROGRAM
NO COST

4 EV CHARGING STATION REBATE UP TO $300

5 USED EV REBATE UP TO $1,000

BUILDING ELECTRIFICATION
Swap out your gas equipment for electric

6 INDUCTION COOKTOP
$200

7 GAS WATER HEATER TO A HEAT PUMP WATER HEATER - $1,500

8 HEAT PUMP HVAC
$1,000 PER TON

9 SERVICE PANEL UPGRADE
when installed with a gas equipment swap
$750 and others - $200-500

ENERGY EFFICIENCY REBATES*

1 ATTIC/WALL INSULATION
$0.15/$0.10 SQ. FT.

2 ROOM AC
$20/$40

3 CEILING FAN
$25/$13

4 REFRIGERATOR
$75/$50

5 VARIABLE SPEED POOL PUMP
$400/$200

6 POOL COVER/REEL
$50 EACH

*Higher rebate for purchases made in Burbank. Lower rebate for online and outside of Burbank purchases.

KEY

Partially Funded by MWD/SoCalGas

Funded by Low Carbon Fuel Standards (LCFS)

Federal Tax Credits available

WATER EFFICIENCY REBATES

A IRRIGATION CONTROLLERS
$150

B RAIN BARRELS & CISTERNS
$20-250

C TURF REMOVAL
$4/SQ.FT.

D SPRINKLERS
$5/NOZZLE

E FLOW MONITORING DEVICE
$150

F CLOTHES WASHERS
$120

G TOILETS
$100

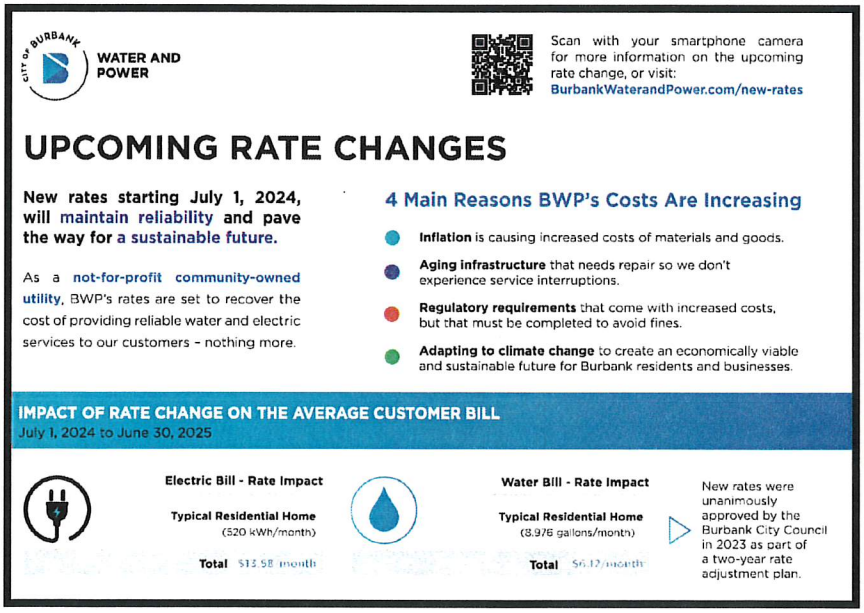
LEARN MORE
To start your application go to bwp-currents.com/ELectric

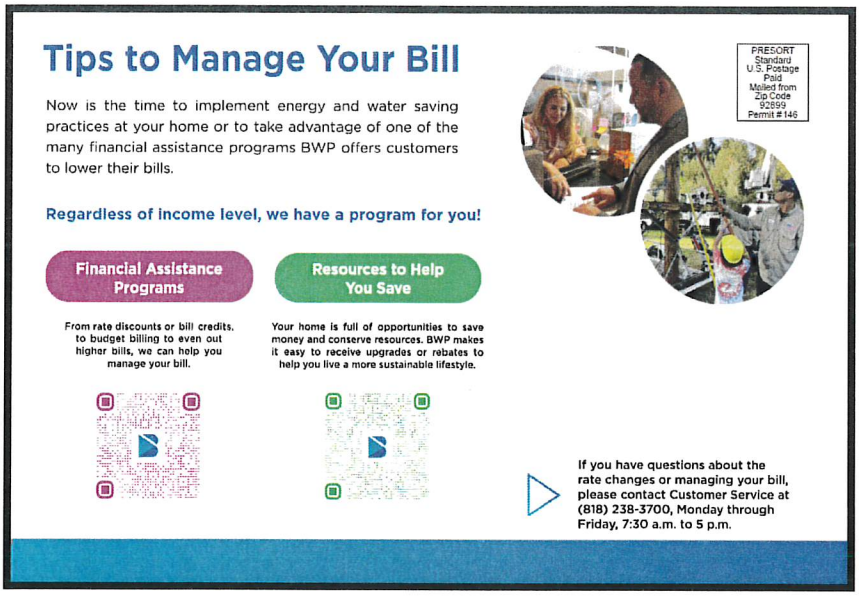
Scan with your phone's camera to go directly to the webpage.

Notice of Rate Adjustment

We informed all active BWP customers in early June about the upcoming rate adjustments. We are pleased to report that the feedback we've received thus far indicates a positive reception to our straightforward and proactive communication strategy regarding these approved changes.

The absence of significant adverse social media comments and calls to customer service highlights the effectiveness of our approach. The mailer provided clear information about the rate increase, the reasons behind the increase, and assistance for anyone concerned with the financial impact.





Tips to Manage Your Bill

Now is the time to implement energy and water saving practices at your home or to take advantage of one of the many financial assistance programs BWP offers customers to lower their bills.

Regardless of income level, we have a program for you!

Financial Assistance Programs

From rate discounts or bill credits, to budget billing to even out higher bills, we can help you manage your bill.

Resources to Help You Save

Your home is full of opportunities to save money and conserve resources. BWP makes it easy to receive upgrades or rebates to help you live a more sustainable lifestyle.

PRESORT
Standard
U.S. Postage
Paid
Mailed from
Zip Code
92899
Permit #146

If you have questions about the rate changes or managing your bill, please contact Customer Service at (818) 238-3700, Monday through Friday, 7:30 a.m. to 5 p.m.

Key Account Activity

The Key Account Manager (KAM) completed **27** in-person meetings and **97** maintenance/discovery calls in **June**.

	Customer in-person meetings	Customer maintenance calls/discovery calls
June 2024	**27**	**97**
FY to date	**135**	**672**

BWP's Customer Sustainability Programs

BWP continues to manage a comprehensive portfolio of resource efficiency programs for residential and commercial customers, focusing on energy efficiency, peak load reduction, water conservation, greenhouse gas savings, and building and transportation electrification.

To calculate savings for each incentivized measure installed through BWP's efficiency programs, staff utilize numerous sources such as:

- CMUA Savings Estimation Technical Reference Manual Third Edition 2017 (TRM)
- California Electronic Technical Reference Manual (eTRM)
- Lighting calculations (wattage savings x operating hours)
- Engineered vendor reports
- Calculations submitted to BWP through monthly invoices or rebate applications

Business Rebates

Three business rebate applications were processed in **June.**

Budderfly, the operator of two separate Denny's locations submitted rebates for refrigeration. One is for 0.57 kW and 4,976 kWh saved, the other for 0.43 kW and 3778 kWh saved. Geronimo Creek submitted an LED rebate for 5.74 kW saved and 12,637 kWh saved.

	Customers (#)	Energy Savings (annual kWh)	Demand Savings (kW)
June 2024	3	21,391	6.74
FY to date	19	4,507,076	1,216

Business Bucks

June's promotion of the Business Bucks (BB) program for small businesses included **two eblast campaigns to the Chamber of Commerce's database and weekly presentations at the BAOR meetings.** The City Attorney-approved canvassing is expected to commence in August. RHA completed ten installs, totaling 24,718 in kWH and 9 kW saved annually.

	Customer Audits (#)	Customer Installs (#)	Energy Savings (annual kWh)	Demand Savings (kW)
June, 2024	0	10	24,718	9
FY to date	56	79	142,618	54

Home Improvement Program (HIP)

The HIP offers all Burbank residential customers energy-water surveys and efficiency measure installations. The HIP services include in-home energy and water surveys, as well as direct installation of indoor and outdoor energy and water conservation measures.

	Customers (#)	Energy Savings (annual kWh)	Demand Savings (kW)	Water Savings (gallons)
June, 2024	39	28,332	18	399,200
FY to date	397	356,556	191	3,559,500

BWP's Energy-Saving Trees Program

BWP partners with the Arbor Day Foundation, a 501(c)(3) nonprofit, to provide the Energy-Saving Trees Program to the Burbank community. Residential and business customers receive trees at no cost to shade their properties, reduce A/C usage, and clean the air.

Residential customers can get up to 3 trees; Commercial customers can get up to 20 trees.

In June, the program received 47 new tree requests, of which 32 were delivered. To date, this fiscal year,235 shade trees have been delivered to customers.

Home Rewards Rebates

BWP offers rebates to make customers' homes more comfortable with energy-efficient improvements and by purchasing EnergyStar-certified appliances.

	Rebates (#)	Energy Savings (annual kWh)	Demand Savings (kW)
June, 2024	28	13,874	6
FY to date	329	71,045	25

Building Electrification Rebates

BWP offers rebates to residential customers who replace gas appliances with efficient electric alternatives. This helps save energy and improve safety and comfort. Customers are encouraged to stack State and Federal electrification incentives to maximize savings.

	HVAC	Heat-Pump Water Heater	Cooktop/Range	Clothes Dryer	Panel Upgrade
June, 2024	2	0	0	0	1
FY to date	19	1	5	0	5

Within the first five months of the residential building electrification rebate program, 30 rebates were issued.

Water Conservation Programs

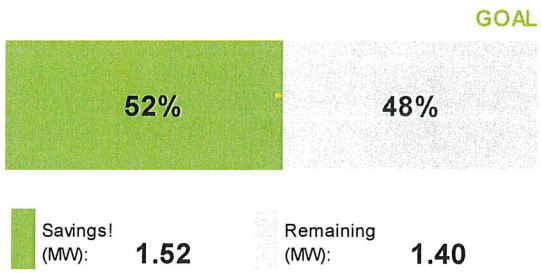
BWP continues to offer various water conservation programs and incentives to the community. BWP gives away low-flow showerheads and aerators at no cost and, through the HIP, provides direct installation of water efficiency measures. BWP sends leak alerts to customers, which often results in quick repairs. Burbank residents and businesses are eligible for various water-saving technology rebates and turf replacement rebates funded and administered by the Metropolitan Water District's (MWD) Regional Incentive Program.

	Turf Replacement (#)	Device Rebates (#)	HIP Measures (#)	Leaks Detected	Water Savings (gallons)
June 2024	6	41	52	2629	1,280,211
FY to date	63	345	453	27,333	14,059,560

Energy Efficiency Savings FYTD 2023-2024 Period ending on 6/30/2024

1% Demand Goal = 2.93 MW

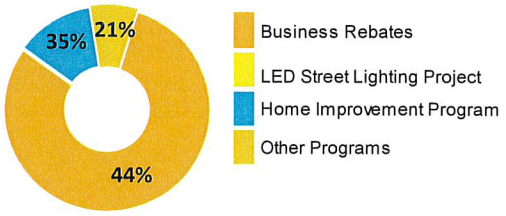
Demand Savings to Date



Savings! (MW): 1.52

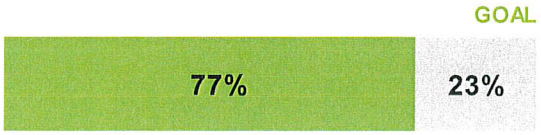
Remaining (MW): 1.40

Savings by Program



1% Consumption Savings Goal = 10,042 MWh

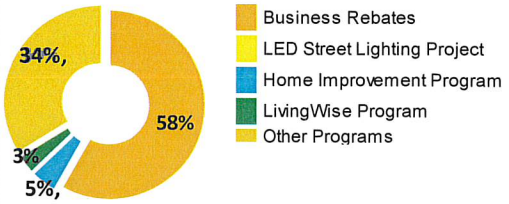
Savings to Date



Savings! (MWh): 7,746

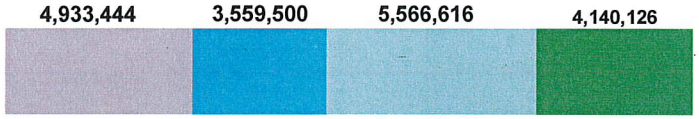
Remaining (MWh): 2,296

Savings by Program



Water Efficency Program Savings

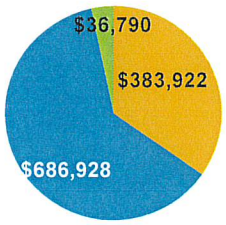
Gallons of Potable Water



18,199,686 Gallons of Water Saved for FY 23/24

Efficiency Direct Program Costs* FYTD 2023-2024

**Electric Programs: $1,437,538



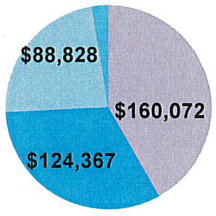
Residential Programs

Commercial Programs

Both Residential and Commercial Programs

**The sum of the program values may differ from the total due to rounding to the nearest dollar.

Water Programs: $383,267



Water Leak Detection

MWD Regional Program

Home Improvement Program

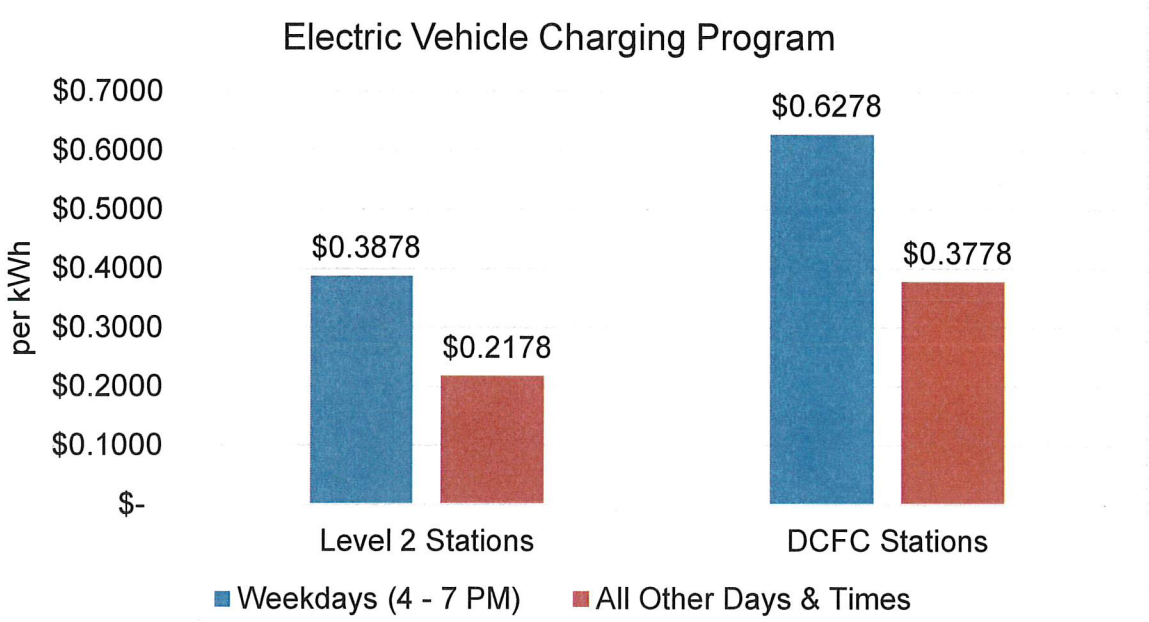
LivingWise

*Direct program costs reflect rebates and payments to program implementers, they do not include marketing and administration costs

Electric Vehicle (EV) Charging Program

BWP plays a key role in promoting the adoption of transportation electrification through education, program development, and the facilitation of public and private EV chargers.

As of **July 1**, the seasonal rates at BWP-owned public charging stations have been updated to the following **in accordance with the FY 24-25 Citywide Fee Schedule**:

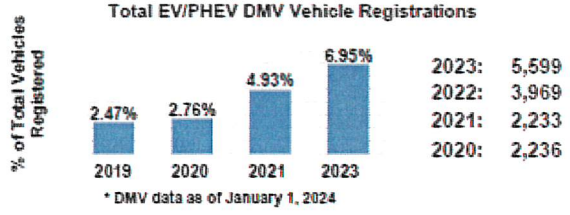


June 2024 was a record month for the total number of available ports (**106**), the total number of charging sessions (**9,146**), charging occupancy (**32**%), total energy delivered (**145,320** kWh), GHG reduction (**83,709** kg), and gross revenue (**$35,912**).

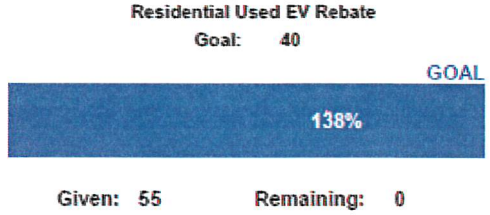
Two new DC fast chargers are now publicly available in the Magnolia Blvd. customer parking lot.

Transportation Electrification 2023-2024 Period ending on 6/30/2024

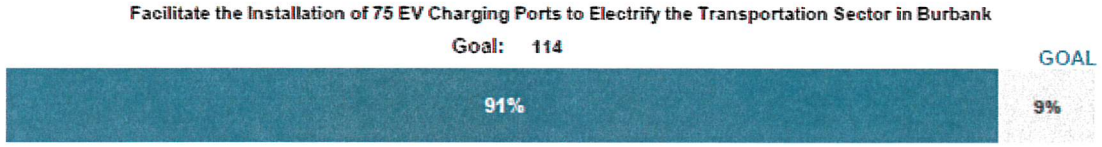
EV Growth in Burbank*

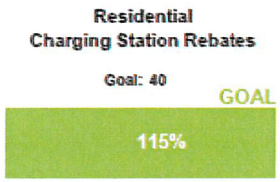


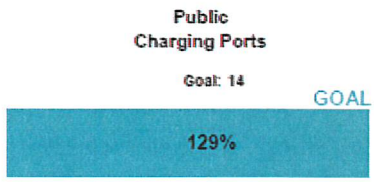
Vehicle Rebates



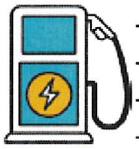
Transportation Electrification Initiatives for FY 2023-2024







Public Charging Port Statistics



	Public Charging Ports		Total Sessions	Total Energy (kWh)	Total Revenue	Total GHG *Reduced (kg)	[1]Charging Sessions at Peak	[2]Charging Occupancy
	Total Ports	Total Available						
June:	107	106	9,146	145,320	$35,912	83,709	20%	32%
Average:	100	99	7,288	100,843	$21,655	58,089	22%	26%
FY Total:	107	106	87,456	1,210,113	$259,860	697,064	22%	26%

* Source: U.S. Dept of Energy Alternative Fuels Data Center (AFDC) values used to calculate GHG savings. GHG values revised using AFDC data as of 06/09/2020.

[1]Peak is defined as 4 – 7 PM, as is reflected in the Public EV Charging Station rate

[2]Charging Occupancy is defined as the percentage of time EV's are charging at stations for all available hours in a given month across all charging stations

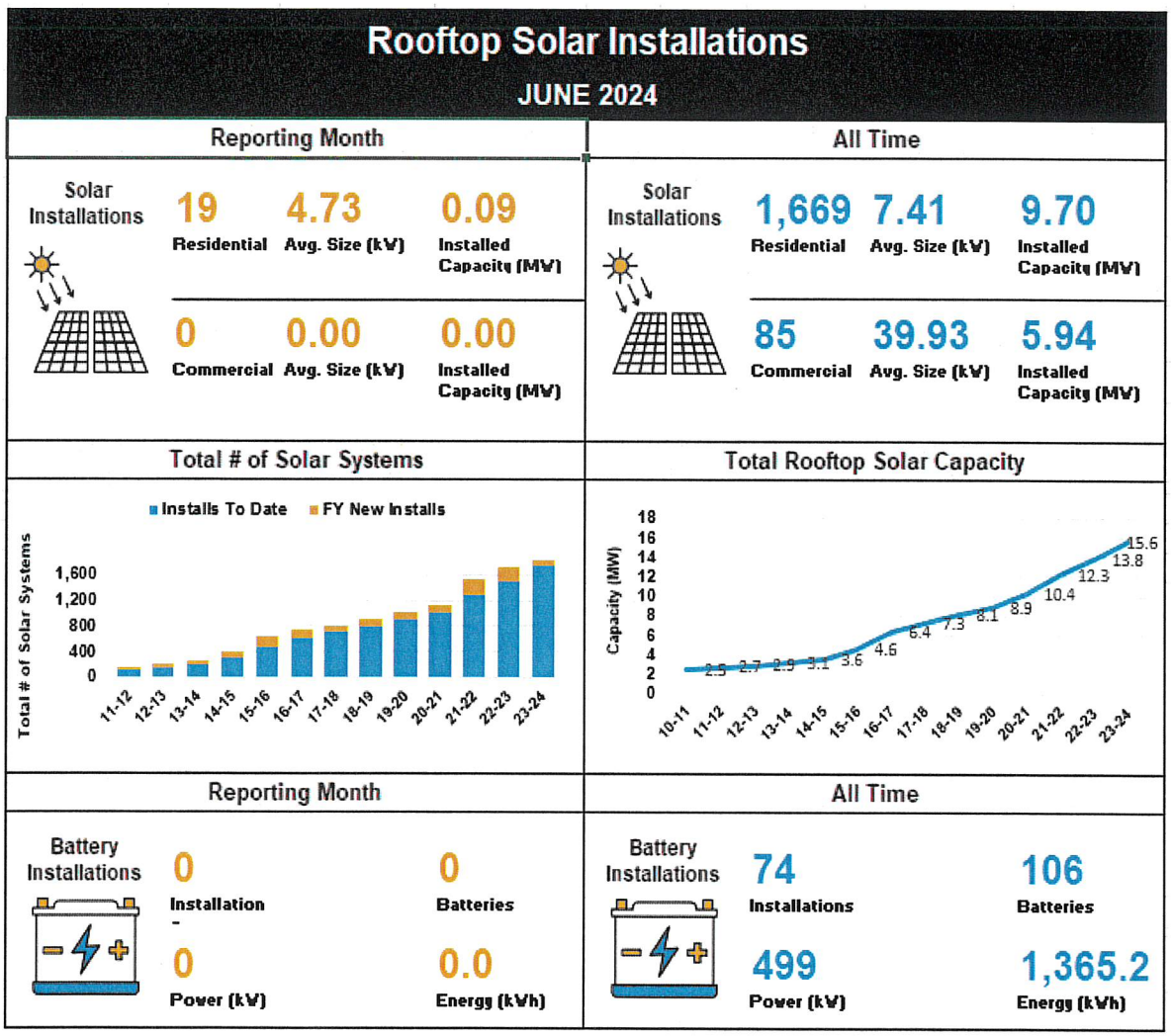
Distributed Solar and Battery Installations

Customer-owned rooftop solar system installations continue to grow. BWP does not provide rebates for installing these systems. However, the federal investment tax credit makes purchasing solar and/or battery systems more accessible.

In fiscal year 23-24, 243 residential systems with a capacity of 1,508.1kW were installed, and 5 commercial systems with a capacity of 329.2 kW were installed for a total of 248 systems with 1,837.3kW in capacity. 15 batteries at 11 sites were installed for a capacity of 189kWh and 59.9kW.

New Solar Net Billing Program

Outreach for the new Solar Net Billing program will begin with a new webpage and social media starting in August 2024. BWP plans to hold two town halls in September to gather feedback from the public. BWP staff will present the new program the BWP board in October 2024.



Cool Rewards Program

The Cool Rewards program is a summer heat wave demand response program. Residential and small commercial electric customers can enroll up to two smart thermostats per electric account. BWP offers a one-time $75 enrollment bill credit per thermostat and an annual $50 participation credit. BWP will call events to control thermostats to reduce peak demand energy use by increasing the temperature on customer thermostats during May – October when the system load exceeds 250MW.

Below are the stats for enrollment through June 30, 2024. The to-date numbers summarize fiscal year 23/24 as all enrollments took place this fiscal year:

Time Period	Thermostat	Enrolled	Total Estimated Capacity (kW)
June 2024	Google Nest	166	249
	Honeywell	5	7.5
	Total	171	256.5
To Date (June 30, 2024)	Google Nest	183	274.5
	Honeywell	16	24
	Total	199	298.5

TECHNOLOGY

Broadband Services (ONEBurbank)

	June 2024 New Orders	Revenues for June 2024	FYTD 2023-24 Revenues	FYTD Budget
Lit	**2**	**$152,199**	**$1,866,933**	**$2,112,000**
Dark	**1**	**$166,217**	**$2,090,577**	**$2,288,000**
Total	**3**	**$318,416**	**$3,957,510**	**$4,400,000**

POWER SUPPLY

BWP SYSTEM OPERATIONS:

YEAR	MAX LOAD	MAX DATE
2024	222.4 MW	24-Jun-24 14:00
2023	265.2 MW	28-Aug-23 15:35
2022	292.8 MW	06-Sep-22 15:58
2021	248.5 MW	15-Jun-21 14:57
2020	292.3 MW	18-Aug-20 15:22
2019	282.66 MW	04-Sep-19 15:31

The table (below) shows that spot natural gas prices in **2024** are about **0.8 times** higher than in 2020. The table below provides the average annual price ($/MMBtu) of natural gas delivered at SoCal Citygate from **FY 2025/2026 through FY 2028/2029.**

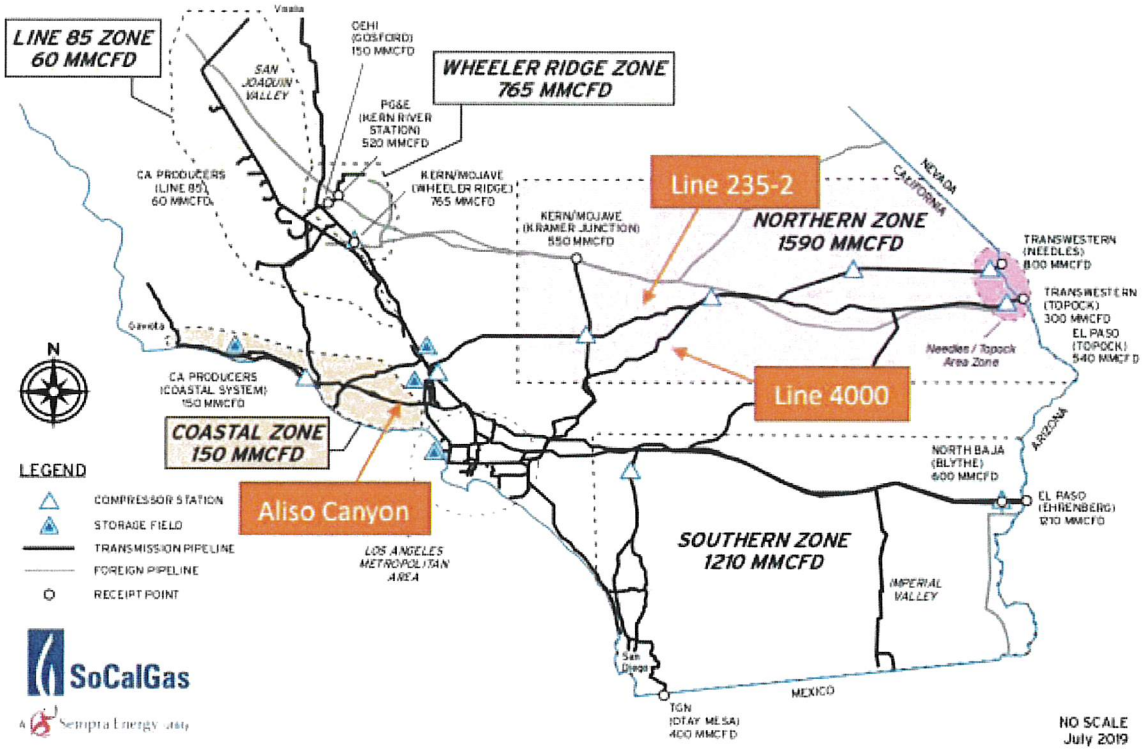
SoCal Citygate Future Delivery Pricing

Average $/MMBtu

FY 25/26	FY 26/27	FY 27/28	FY 28/29
$6.28	$6.61	$6.72	$6.73

*market quotes as of 7/10/2024

Image 1: Receipt Points & Transmission Zone Firm Capacities



The table below shows the average gas prices for SoCal. However, the price we negotiate may differ from below and is often higher.

Calendar Year	$/MMBtu
2017	$3.41
2018	$5.14
2019	$4.08
2020	$3.01
2021	$6.99
2022	$9.27
2023	$6.78
2024	**$2.39**
Change since 2020	**0.8X**

ELECTRICITY GENERATION:

BWP Generating Facilities

Unit	Availability	Operating Hrs	MWH (Net)	Net Heat Rate (Btu/kWh)	Number of Starts
Lake 1	**99%**	**17**	**444**	**12,828**	**1**
MPP	**92%**	**660**	**113,865**	**7,823**	1

Lake 1 was placed online one (1) time during the month of June.

Magnolia Power Project (MPP)

	June	FYTD	YTD
Availability	**92%**	**96%**	**96%**
Unit Capacity Factor (240 MW)	**66%**	**72%**	**71%**

MPP's annual HRSG safety valve testing was performed on June 30, 2024. MPP was shut down on June 21, 2024, to perform an offline water wash of the combustion turbine compressor and balance of plant maintenance. MPP was restarted on June 24, 2024.

Tieton Hydropower Project (Tieton)

For this generation season, operations began on April 13, 2024. Most June operations included a single turbine; however, there were some periods of increased water flow and limited operation of both turbines. **5,600 MWhs were generated in June.**

ENVIRONMENTAL

Air Quality

The MPP Title V permit to operate a five-year renewal application was submitted to the SCAQMD on July 2, 2024. The BWP Title V permit to operate five-year renewal application will be submitted before the August 1, 2024 deadline.

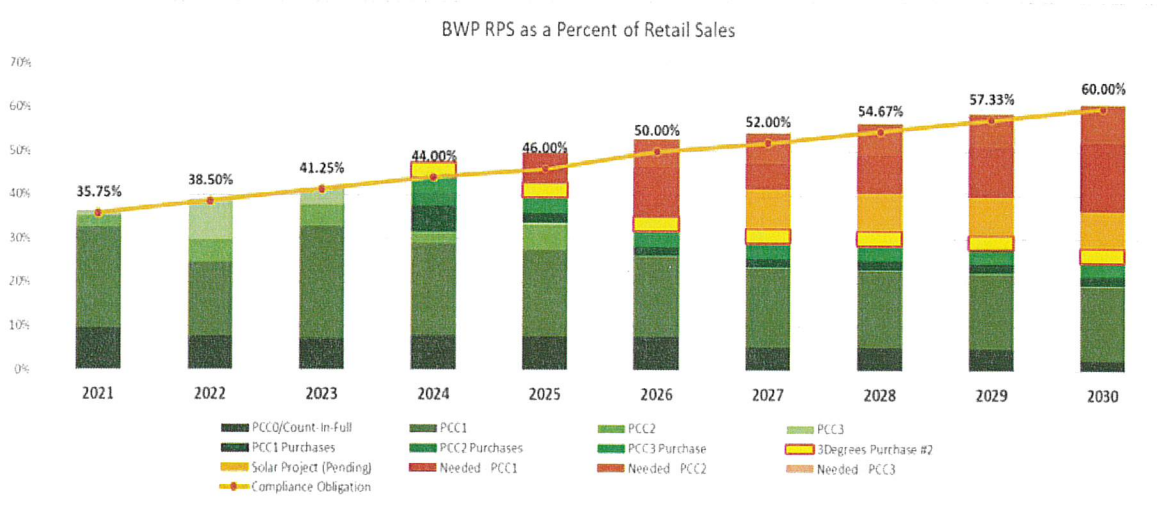
Storm Water

No storm water updates at this time.

PROJECT UPDATES

Power Resources

Renewable Portfolio Standard (RPS) Compliance



In the chart above, the recently executed Long Term PCC3 deal with 3Degrees was added, as well as the pending Long Term PCC3 deal with 3Degrees. Note: with the pending Long Term PCC3 deal with 3Degrees, we have a little more than what is needed in the early years of the contract; however, RECs have a 3-year shelf life and can be rolled into future years as the RPS compliance obligations and the need for more renewables grows. The CEC rules offer this flexibility since it is hard to contract for the exact volume you need each year individually.

BWP met the calendar year **2023** goal of **41.25%** RPS. BWP staff continues to evaluate renewable resources to meet future compliance requirements. Staff is working on additional renewable contracts to maintain RPS compliance for future years.

Prices for long-term renewables have increased by approximately 30-100% due to supply chain issues and increased demand as load-serving entities try to procure renewable resources to meet the state's RPS targets, which are increasing by approximately 3% annually.

We continue to experience challenges with negotiations and delivery of new long-term contracts for renewables.

The 15-year Tule Hydro Project (Tule), a small hydro power plant, was approved unanimously (4-0) by City Council on December 5, 2023. Deliveries were expected in early 2024. However, delays in obtaining the Federal Energy Regulatory Commission's (FERC) approval of the conditional use permit have delayed the start of energy production. FERC's comment period ended June 3, 2024, and no opposition was received through public comment. Once FERC approves, repairs will be completed in 4-6 weeks, and the project could start producing energy in August 2024. On May 21, staff presented the 3Degrees long-term (10 years) Portfolio Content Category (PCC) 3 renewable energy credit contract and received unanimous approval by City Council.

Staff is currently negotiating 2 additional long-term sources of renewables. The first is another solar project in Utah for 38 MW, and the second is **a 25 MW solar plus 25 MW battery in Arizona with anticipated commercial operations dates in early 2027, which could add approximately 150,000 PCC1 MWh annually to our renewable energy supply. This would be Burbank's first project that is paired with a battery.**

Staff is currently negotiating an additional short-term PCC1 for delivery of approximately 20,000 PCC1 in CY2025. We continue to look for additional short-term as well as other long-term projects to meet future RPS obligations; however, supplies for delivery in 2024 through **2026** are low, and the renewable premiums jumped considerably. PCC1 REC premiums have reached a new high of $87.50/REC for 2025 delivery

Intermountain Power Project (Delta, UT) Renewal Progress
The IPP coal facility converts to the IPP Renewal project, composed on natural gas and hydrogen in June 2025. Below are details of the contract and estimates costs.

Item	Existing Contract (1987-2027)	Renewable Contract (2027-2077)	Cost (BWP)
Southern Transmission System (STS) total share	2400 MW	2400 MW	$2.5 billion total project cost in 2019, now $5 billion. BWP's share was $86.5 million in 2019 and now is $183 million (without debt service, interest and hydrogen component)
BWP % share of STS	4.49%	4.2%	
BWP MW of STS	107.95 MW	101.4 MW	
BWP % share of generation	4.17%	3.33%	
BWP MW of generation	89.28 MW coal, 35.028 MW of natural gas	28 MW	

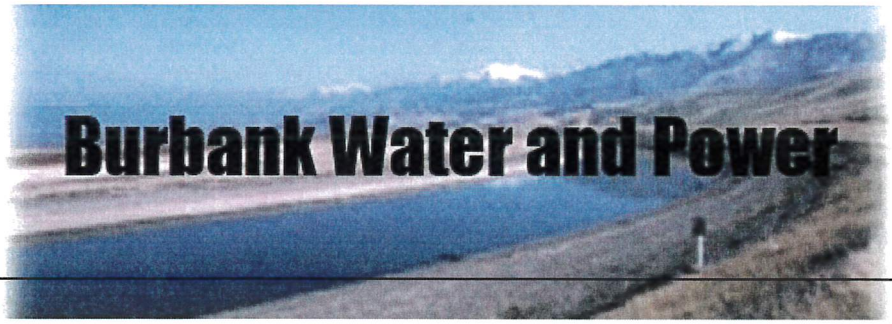
IPP returned to a two-unit operation on June 23, 2024, and will continue a two-unit operation through October 31, 2024. Beginning November 1, 2024, IPP is expected to return to one-unit operation. Additional coal has been secured but at higher costs. The IPP coal situation is better than it was last year.

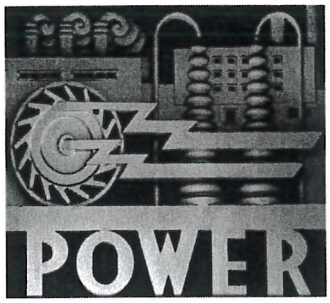
Power Production

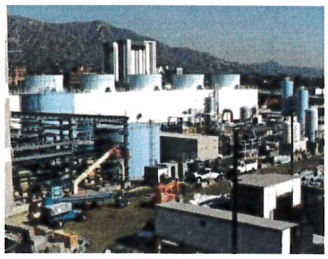
BWP Campus Stormwater Improvement Project

Construction of the onsite improvements for the BWP Campus Stormwater Improvement Project (Project) began on June 17, 2024. Onsite work completed during June included relocation of a sewer line, asphalt removal, and shoring installation. Construction of the offsite improvements for the Project began on June 24, 2024. Offsite work completed during June included potholing, excavation, and installation of reinforced concrete pipe. The project is expected to be completed by September 1, 2024.

The new stormwater system will capture an 85th percentile, 24-hour storm event. The captured stormwater will be reused at MPP for cooling or infiltration to replenish groundwater resources. The offsite work involves rerouting an existing storm drain on North Varney Street.







Financial Report
May-24

Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets [1] [2]
MTD and FYTD May 2024
($ in 000's except MWh Sales)

MTD Actual FY 23-24	MTD Budget FY 23-24	$ Variance	% Variance		YTD Actual FY 23-24	YTD Budget FY 23-24	$ Variance	% Variance	
74,849	82,699	(7,850)	(9%)	[a]	NEL MWh	908,035	982,020	(73,985)	(8%)	[A]
					Retail				
$ 13,058	$ 14,228	$ (1,169)	(8%)		Retail Sales	$ 159,174	$ 171,712	$ (12,537)	(7%)	
424	571	(147)	(26%)	[b]	Other Revenues [3]	5,330	6,283	(954)	(15%)	[B]
8,341	11,616	3,275	28%	[c]	Retail Power Supply & Transmission	98,016	131,089	33,072	25%	[C]
5,141	3,183	1,958	62%		**Retail Margin**	66,487	46,906	19,581	42%	
					Wholesale					
624	4,696	(4,073)	(87%)		Wholesale Sales	13,582	32,769	(19,186)	(59%)	
429	4,602	4,174	91%		Wholesale Power Supply	11,489	32,113	20,624	64%	
195	94	101	108%		**Wholesale Margin**	2,093	655	1,438	219%	
5,336	3,277	2,059	63%		**Gross Margin**	68,581	47,562	21,019	44%	
					Operating Expenses					
1,032	936	(96)	(10%)		Distribution	10,680	10,388	(292)	(3%)	
112	173	61	35%	[d]	Admin Services	1,228	1,577	349	22%	[D]
405	522	117	22%	[e]	Finance, Fleet, & Warehouse	4,769	5,833	1,064	18%	[E]
576	584	9	1%		Transfer to General Fund for Cost Allocation	6,332	6,426	94	1%	
417	503	87	17%	[f]	Customer Service	5,154	5,833	680	12%	
95	247	151	61%	[g]	Marketing & Sustainability	1,448	2,714	1,267	47%	[F]
204	583	380	65%	[h]	Public Benefits	2,412	6,415	4,003	62%	[G]
116	190	74	39%	[i]	Security/Oper Technology	2,046	1,894	(152)	(8%)	[H]
196	164	(32)	(20%)	[j]	Telecom	1,575	1,838	263	14%	[I]
264	285	20	7%		Construction & Maintenance	2,162	3,133	971	31%	[J]
1,703	1,780	77	4%		Depreciation	17,455	19,576	2,121	11%	
5,120	5,967	846	14%		Total Operating Expenses	55,260	65,629	10,369	16%	
$ 216	$ (2,690)	$ 2,906	108%		**Operating Income/(Loss)**	$ 13,321	$ (18,067)	$ 31,388	174%	

Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets [1] [2]
MTD and FYTD May 2024

($ in 000's)

MTD Actual FY 23-24	MTD Budget FY 23-24	$ Variance	% Variance		YTD Actual FY 23-24	YTD Budget FY 23-24	$ Variance	% Variance	
$ 216	$ (2,690)	$ 2,906	108%	**Operating Income/(Loss)**	$ 13,321	$ (18,067)	$ 31,388	174%	
				Other Income/(Expenses)					
695	387	308	79%	(K) Interest Income	7,596	4,260	3,337	78%	(K)
184	210	(26)	(12%)	(I) Other Income/(Expense) [4]	1,592	1,311	281	21%	(L)
(775)	(775)	-	0%	Bond Interest/ (Expense)	(8,521)	(8,521)	-	0%	
104	(177)	282	159%	Total Other Income/(Expense)	668	(2,949)	3,617	123%	
320	(2,867)	3,187	111%	**Net Income**	13,989	(21,016)	35,005	167%	
(29)	1,415	(1,444)	(102%)	(m) Capital Contributions (AIC)	2,112	15,566	(13,454)	(86%)	(M)
$ 292	$ (1,452)	$ 1,744	120%	**Net Change in Net Assets**	$ 16,101	$ (5,451)	$ 21,551	395%	

1. This report may not foot due to rounding.
2. ( ) = Unfavorable.
3. Other Revenues include transmission, telecom and internet revenues as well as other items such as revenues related to Low Carbon Fuel Standard credits, damaged property recovery, connection fees, late fees, and tampering fees.
4. Other Income/(Expense) includes a one-time payment to CalPERS (for pension) and miscellaneous revenue from the sale of scrap materials, inventory, and assets, as well as BABS subsidy.

Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets - Footnotes
MTD May 2024
($ in 000's)

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget		Explanation
(a)	Electric Usage in MWh	74,849	82,699	(7,850)	-	NEL is 9% lower than budget. The average high temperature in May was 71°F, compared to the 15-year average high temperature of 75°F. The average low temperature was 52°F, compared to the 15-year average low temperature of 54°F. MTD CDD were 0 versus the 15-year average of 54. HDD was 103 versus the 15-year average of 67.
(b)	Other Revenues	424	571	(147)	-	Other revenues include transmission, telecom and internet revenues as well as other items such as damaged property recovery, connection fees, late fees, and tampering fees, which tend to fluctuate.
(c)	Retail Power Supply & Transmission	8,341	11,616	3,275	-	The favorable variance is attributable to various components within Retail Power Supply and Transmission. Please refer to page 5 for additional details.
(d)	Admin Services	112	173	61	-	The favorable variance is primarily attributable to lower than planned event sponsorship and training.
(e)	Finance, Fleet, & Warehouse	405	522	117	-	The favorable variance is primarily attributable to vacancies, higher than planned work for other departments and to the timing of professional services.
(f)	Customer Service	417	503	87	-	The favorable variance is primarily attributable to vacancies, and to the timing of professional
(g)	Marketing & Sustainability	95	247	151	-	The favorable variance is primarily attributable to vacancies and to the timing of rebates, professional services, private contractual services, and memberships.
(h)	Public Benefits	204	583	380	-	The favorable variance is primarily attributable to the timing of program spending.
(i)	Security/Operations Technology	116	190	74	-	The favorable variance is primarily attributable to the timing of software & hardware support and memberships and dues, offset by lower than planned capital work & work for other departments.
(j)	Telecom	196	164	(32)	-	The unfavorable variance is primarily attributable to the timing of private contractual services.
(k)	Interest Income	695	387	308	-	The favorable variance is attributable to interest earned on the funds from the 2023 Electric Revenue Bonds, based on higher than planned balances related to the timing of bond drawdowns as well as an increasing interest rate environment resulting in higher investment returns.
(l)	Other Income/(Expense)	184	210	(26)	-	Other Income/(Expense) includes miscellaneous revenue from the sale of scrap materials, inventory, and assets, as well as BABS subsidy. Miscellaneous revenue from the sale of scrap materials, inventory, and assets tend to fluctuate.
(m)	Capital Contributions (AIC)	(29)	1,415	(1,444)	-	The unfavorable variance is attributable to the timing of AIC projects.

Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets - Footnotes
FYTD May 2024
($ in 000's)

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(A)	Electric Usage in MWh	908,035	982,020	(73,985)	- NEL is 8% lower than budget. The YTD average high temperature was 76°F, compared to the 15-year average high temperature of 78°F. The YTD average low temperature was 51°F, compared to the 15-year average low temperature of 52°F. YTD CDD were 1,089 versus the 15-year average of 1,405.
(B)	Other Revenues	5,330	6,283	(954)	- Other revenues include transmission, telecom and internet revenues as well as other items such as damaged property recovery, connection fees, late fees, and tampering fees which tend to fluctuate.
(C)	Retail Power Supply & Transmission	98,016	131,089	33,072	- The favorable variance is attributable to various components within Retail Power Supply & Transmission. Please refer to page 6 for additional details.
(D)	Admin Services	1,228	1,577	349	- The favorable variance is primarily attributable to lower than planned travel, training and professional services.
(E)	Finance, Fleet, & Warehouse	4,769	5,833	1,064	- The favorable variance is primarily attributable to vacancies and to lower than planned professional services, private contractual services, and software and hardware support.
(F)	Marketing & Sustainability	1,448	2,714	1,267	- The favorable variance is primarily attributable to vacancies and to lower than planned rebates, professional services, and memberships.
(G)	Public Benefits	2,412	6,415	4,003	- The favorable variance is primarily attributable to the timing of program spending.
(H)	Security/Oper Technology	2,046	1,894	(152)	- The unfavorable variance is primarily attributable to lower than planned capital work and work for others, offset by vacancies, professional services, and lower than planned software & hardware support.
(I)	Telecom	1,575	1,838	263	- The favorable variance is primarily attributable to vacancies and to lower than planned professional services and special departmental supplies.
(J)	Construction & Maintenance	2,162	3,133	971	- The favorable variance is primarily attributable to vacancies and to lower than planned custodial services and building grounds maintenance & repair.
(K)	Interest Income	7,596	4,260	3,337	The favorable variance is attributable to interest earned on the funds from the 2023 Electric Revenue Bonds, based on higher than planned balances related to lower than planned bond drawdowns as well as an increasing interest rate environment resulting in higher investment returns.
(L)	Other Income/(Expense)	1,592	1,311	281	- Other Income/(Expense) includes a one-time payment to CalPERS (for pension) and miscellaneous revenue from the sale of scrap materials, inventory, and assets, as well as BABS subsidy. Miscellaneous revenue from the sale of scrap materials, inventory, and assets tend to fluctuate.
(M)	Capital Contributions (AIC)	2,112	15,566	(13,454)	- The unfavorable variance is attributable to lower than planned AIC projects.

May 2024 Budget to Actual P&L Variance Highlights - Electric Fund
($ in 000's)

	Variance Month-to-Date		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
MTD NET INCOME/(LOSS): $320	$ 3,187	$ -	$ 3,187
MTD GROSS MARGIN VARIANCE			
Retail Sales	-	(1,169)	(1,169)
Power Supply and Transmission:			
- Lower retail load	204	-	204
- Lower than planned renewables cost and other	588	-	588
- Lower transmission	545	-	545
- Lower energy prices	5	-	5
- New minimum for IPP and Hydrogen Betterment	533	-	533
- Lower O&M	466	-	466
- Retail load management and economic dispatch	776	-	776
- Timing True-up and prior period adjustments	158	-	158
Other Revenues	-	(147)	(147)
Wholesale Margin	101	-	101
Total	3,376	(1,317)	2,059
MTD O&M AND OTHER VARIANCES			
Distribution	-	(96)	(96)
Administration/Safety	61	-	61
Finance, Fleet, & Warehouse	117	-	117
Customer Service	87	-	87
Marketing & Sustainability	151	-	151
Public Benefits	380	-	380
Security/Operations Technology	74	-	74
Telecom	-	(32)	(32)
Construction & Maintenance	20	-	20
Depreciation expense	77	-	77
All other	290	-	290
Total	1,257	(128)	1,128

May 2024 Budget to Actual P&L Variance Highlights - Electric Fund
($ in 000's)

	Variance Fiscal Year-to-Date		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
FYTD NET INCOME/(LOSS): $13,989	$ 35,005	-	$ 35,005
FYTD GROSS MARGIN VARIANCE			
Retail Sales	-	(12,537)	(12,537)
Power Supply and Transmission			
- Lower retail load	2,089	-	2,089
- Lower than planned renewables cost and other	3,488	-	3,488
- Lower transmission	4,584	-	4,584
- Lower energy prices	3,440	-	3,440
- New minimum for IPP and Hydrogen Betterment	8,418	-	8,418
- Lower O&M	4,824	-	4,824
- Retail load management and economic dispatch	3,552	-	3,552
- SCPPA True-up and prior period adjustments	2,677	-	2,677
Other Revenues	-	(954)	(954)
Wholesale Margin	1,438	-	1,438
Total	$ 34,510	$ (13,491)	$ 21,019
FYTD O&M AND OTHER VARIANCES			
Distribution	-	(292)	(292)
Administration/Safety	349	-	349
Finance, Fleet, & Warehouse	1,064	-	1,064
Customer Service	680	-	680
Marketing & Sustainability	1,267	-	1,267
Public Benefits	4,003	-	4,003
Security/Oper Technology	-	(152)	(152)
Telecom	263	-	263
Construction & Maintenance	971	-	971
Depreciation expense	2,121	-	2,121
All other	3,712	-	3,712
Total	$ 14,430	$ (444)	$ 13,986

Electric Fund (496)

Statement of Changes in Cash and Investment Balances [a]

($ in 000's)

	May-24	Apr-24	Mar-24	Dec-23	Sep-23	Jun-23	Jun-22	Jun-21	Recommended Reserves Low	Recommended Reserves High	Minimum Reserves
Cash and Investments											
General Operating Reserve	$ 100,384	$ 99,209	$ 95,557	$ 81,659	$ 70,736	$ 52,200	$ 69,212	$ 73,156	$ 82,003	$ 123,004 [d]	$ 53,814 [d]
Capital & Debt Reduction Fund	-	-	-	-	-	- [d]	10,000	10,000	-	-	-
BWP Projects Reserve Deposits at SCPPA	4,800	4,773	4,742	4,708	4,615	4,580	3,794	3,740	-	-	-
Sub-Total Cash and Investments	105,185	103,982	100,299	86,366	75,351	56,780	83,007	86,896	82,003	123,004	53,814
Commitments											
Customer Deposits	(23,757)	(24,206)	(21,229)	(14,101)	(13,897)	(10,976)	(9,939)	(4,245)	-	-	-
Public Benefits Obligation	(10,956)	(10,962)	(11,105)	(11,338)	(11,340)	(10,710)	(9,315)	(8,128)	-	-	-
Low Carbon Fuel Standard [b]	(2,946)	(3,091)	(3,065)	(2,328)	(3,180)	(3,289)	(3,464)	(2,999)	-	-	-
IPP Decommission	-	-	-	-	-	- [c]	(2,000)	(2,000)	-	-	-
Sub-Total Cash and Investments (less Commitments)	67,526	65,724	64,899	58,598	46,935	31,806	58,288	69,523	82,003	123,004	53,814
Bond Proceeds											
Bond Proceeds on Deposit with Trustee	80,039	83,625	85,905	93,914	101,836	120,107	-	-			
Total Cash and Investments and Bond Proceeds (less Commitments)	**147,565**	**149,349**	**150,804**	**152,513**	**148,771**	**151,913**	**58,288**	**69,523**	**82,003**	**123,004**	**53,814**

[a] The Statement of Cash Balances may not add up due to rounding.

[b] Denotes funds reserved related to the sale of Low Carbon Fuel Standard (LCFS) credits, net of Electric Vehicle charger infrastructure expenditures.

[c] Reversal of IPP decommission reserve.

[d] New financial reserve policy was adopted by City Council on April 25, 2023.

Burbank Water and Power
Water Fund (497)
Statement of Changes in Net Assets [1] [2]
MTD and FYTD May 2024
($ in 000's except Gallons)

MTD Actual FY 23-24	MTD Budget FY 23-24	$ Variance	% Variance		YTD Actual FY 23-24	YTD Budget FY 23-24	$ Variance	% Variance	
398	416	(19)	(5%)	Water put into the system in Millions of Gallons	4,090	4,547	(457)	(10%)	
82	80	2	2%	Metered Recycled Water in Millions of Gallons	847	942	(95)	(10%)	
				Operating Revenues					
$ 2,633	$ 2,710	$ (77)	(3%)	[a] Potable Water	$ 27,590	$ 31,007	$ (3,417)	(11%)	[A]
421	415	6	1%	[b] Recycled Water	4,164	4,865	(701)	(14%)	[B]
123	129	(6)	(5%)	Other Revenue [3]	1,372	1,420	(49)	(3%)	
3,177	3,254	(77)	(2%)	Total Operating Revenues	33,125	37,292	(4,167)	(11%)	
944	1,139	195	17%	[c] Water Supply Expense	10,793	13,871	3,078	22%	[C]
2,234	2,115	118	6%	**Gross Margin**	22,333	23,421	(1,089)	(5%)	
				Operating Expenses					
956	1,076	121	11%	[d] Operations & Maintenance - Potable	9,897	11,827	1,931	16%	[D]
94	155	61	39%	[e] Operations & Maintenance - Recycled	1,111	1,714	603	35%	[E]
276	388	112	29%	[f] Operations & Maintenance - Shared Services	2,930	4,209	1,278	30%	[F]
135	137	3	2%	Transfer to General Fund for Cost Allocation	1,482	1,511	29	2%	
396	381	(15)	(4%)	Depreciation	4,075	4,191	116	3%	
1,856	2,138	282	13%	Total Operating Expenses	19,495	23,451	3,956	17%	
377	(23)	400	1762%	**Operating Income/(Loss)**	2,838	(30)	2,867	9657%	
				Other Income/(Expenses)					
100	39	62	160%	[g] Interest Income	1,341	424	917	216%	[G]
70	42	28	66%	[h] Other Income/(Expense) [4]	540	263	277	105%	[H]
(210)	(237)	27	11%	Bond Interest/(Expense)	(2,308)	(2,607)	299	11%	
(40)	(156)	117	75%	Total Other Income/(Expenses)	(426)	(1,920)	1,494	78%	
337	(179)	517	288%	**Net Income/(Loss)**	2,411	(1,950)	4,361	224%	
0	53	(53)	(100%)	[i] Capital Contributions (AIC)	192	581	(389)	(67%)	[I]
$ 337	$ (126)	$ 464	367%	**Net Change in Net Assets**	$ 2,603	$ (1,369)	$ 3,972	290%	

1. This report may not foot due to rounding.
2. ( ) = Unfavorable
3. Other Revenue includes items such as fire protection services, damaged property recovery, connection fees, late fees, and tampering fees.
4. Other Income/(Expense) includes a one-time payment to CalPERS (for pension) and miscellaneous revenue from the sale of scrap materials, inventory, and assets.

Burbank Water and Power
Water Fund (497)
Statement of Changes in Net Assets - Footnotes
MTD May 2024
($ in 000's except Gallons)

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(a)	Potable Water Revenue	2,633	2,710	(77)	- Potable water revenue during May 2024 was 3% below budget due primarily to conservation. Burbank is currently in Stage III of the Sustainable Water Use Ordinance. Stage III limits outdoor watering to two days a week on Tuesday and Saturday from April to October.
(b)	Recycled Water Revenue	421	415	6	- Recycled water revenues were higher than planned primarily due to lower than average rainfall. Rainfall MTD measured 0.02 inches compared to the average of 0.29 inches.
(c)	Water Supply Expense	944	1,139	195	- The favorable variance is a result of lower demand and using less imported MWD water than planned.
(d)	Operations & Maintenance - Potable	956	1,076	121	- The favorable variance is primarily attributable to vacancies and lower than planned professional services and private contractual services.
(e)	Operations & Maintenance - Recycled	94	155	61	- The favorable variance is primarily attributable to lower than planned maintenance on the recycled system and electricity for water pumping, and higher than planned work performed for other departments.
(f)	Operations & Maintenance - Shared Services	276	388	112	- The favorable variance is attributable to lower than planned shared expenses (Marketing & Sustainability, Operations Technology and Security, and Admin Services) from the electric fund.
(g)	Interest Income	100	39	62	- The favorable variance is attributable to interest earned on the funds from the 2021 Water Revenue Bonds, based on higher than planned balances related to the timing of bond drawdowns as well as an increasing interest rate environment resulting in higher investment returns.
(h)	Other Income/(Expense)	70	42	28	- Other Income/(Expense) includes miscellaneous revenue from the sale of scrap materials, inventory, and assets, which tend to fluctuate.
(i)	Capital Contributions (AIC)	-	53	(53)	- The unfavorable variance is attributable to the delay of some AIC projects.

Burbank Water and Power
Water Fund (497)
Statement of Changes in Net Assets - Footnotes
FYTD May 2024
($ in 000's except Gallons)

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(A)	Potable Water Revenue	27,590	31,007	(3,417)	- Potable water revenue fiscal year to date was 11% below budget due primarily to conservation and higher than average rainfall. Burbank is currently in Stage III of the Sustainable Water Use Ordinance. Stage III limits outdoor watering to two days a week on Tuesday and Saturday from April to October. Rainfall FYTD measured 22.77 inches compared to the average of 13.82 inches.
(B)	Recycled Water Revenue	4,164	4,865	(701)	- Recycled water revenues were lower than planned due to lower demand as a result of higher than average rainfall.
(C)	Water Supply Expense	10,793	13,871	3,078	- The favorable variance is a result of lower demand and using less imported MWD water than planned.
(D)	Operations & Maintenance - Potable	9,897	11,827	1,931	- The favorable variance is primarily attributable to vacancies and lower than planned professional services and private contractual services, offset by higher than planned work from other departments.
(E)	Operations & Maintenance - Recycled	1,111	1,714	603	- The favorable variance is primarily attributable to lower than planned maintenance on the recycled system, higher than planned work performed for other departments and lower than planned electricity for water pumping.
(F)	Operations & Maintenance - Shared	2,930	4,209	1,278	- The favorable variance is attributable to lower than planned shared expenses (Marketing & Sustainability, Construction & Maintenance, and Admin Services) from the electric fund.
(G)	Interest Income	1,341	424	917	- The favorable variance is attributable to interest earned on the funds from the 2021 Water Revenue Bonds, based on higher than planned balances related to the timing of bond drawdowns as well as an increasing interest rate environment resulting in higher investment returns.
(H)	Other Income/(Expense)	540	263	277	- Other Income/(Expense) includes miscellaneous revenue from the sale of scrap materials, inventory, and assets, which tend to fluctuate.
(I)	Capital Contributions (AIC)	192	581	(389)	- The unfavorable variance is attributable to the delay in some AIC projects.

May 2024 Budget to Actual P&L Variance Highlights - Water Fund
($ in 000's)

	Variance Month-to-Date		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
MTD NET INCOME (LOSS): $337	$ 517	$ -	$ 517
MTD GROSS MARGIN VARIANCE			
Potable Revenues	-	(77)	(77)
Recycled Revenues	6	-	6
Other Revenue	-	(6)	(6)
Water Supply Expense	195	-	195
Total	201	$ (83)	$ 118
FYTD O&M AND OTHER VARIANCES			
Potable O&M	121	-	121
Recycled Water O&M	61	-	61
Allocated O&M	112	-	112
Depreciation Expense	-	(15)	(15)
All Other	119	-	119
Total	$ 413	$ (15)	$ 398

May 2024 Budget to Actual P&L Variance Highlights - Water Fund
($ in 000's)

	Variance Fiscal Year-to-Date		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
FYTD NET INCOME: $2,411	$ 4,361	$ -	$ 4,361
FYTD GROSS MARGIN VARIANCE			
Potable Revenues	-	(3,417)	(3,417)
Recycled Revenues	-	(701)	(701)
Other Revenue	-	(49)	(49)
Water Supply Expense	3,078	-	3,078
Total	$ 3,078	$ (4,167)	$ (1,089)
FYTD O&M AND OTHER VARIANCES			
Potable O&M	1,931	-	1,931
Recycled Water O&M	603	-	603
Allocated O&M	1,278	-	1,278
Depreciation Expense	116	-	116
All Other	1,522	-	1,522
Total	$ 5,450	$ -	$ 5,450

Water Fund (497)
Statement of Changes in Cash and Investment Balances [a]
($ in 000's)

	May-24	Apr-24	Mar-24	Dec-23	Sep-23	Jun-23	Jun-22	Jun-21	Recommended Reserves Low	Recommended Reserves High	Minimum Reserves
Cash and Investments											
General Operating Reserves	$ 17,082	$ 16,158	$ 15,929	$ 22,597	$ 25,576	$ 23,924	$ 12,759	$ 12,181	$ 18,878	$ 28,316 [b]	$ 11,327 [b]
Capital Reserve Fund	-	-	-	-	-	- [b]	2,220	2,220	-	-	-
Sub-Total Cash and Investments	17,082	16,158	15,929	22,597	25,576	23,924	14,979	14,401	18,878	28,316	11,327
Commitments											
Customer Deposits	(602)	(619)	(677)	(773)	(677)	(511)	(1,052)	(1,125)	-	-	-
Sub-Total Cash and Investments (less Commitments)	16,480	15,538	15,252	21,825	24,899	23,413	13,927	13,276	18,878	28,316	11,327
Bond Proceeds											
Bond Proceeds on Deposit with Trustee	9,673	10,981	12,239	13,866	15,962	19,465	23,159				
Total Cash and Investments and Bond Proceeds (less Commitments)	**26,152**	**26,520**	**27,491**	**35,690**	**40,862**	**42,878**	**37,086**	**13,276**	**18,878**	**28,316**	**11,327**

[a] The Statement of Cash Balances may not add up due to rounding.
[b] New financial reserve policy was adopted by City Council on April 25, 2023.