



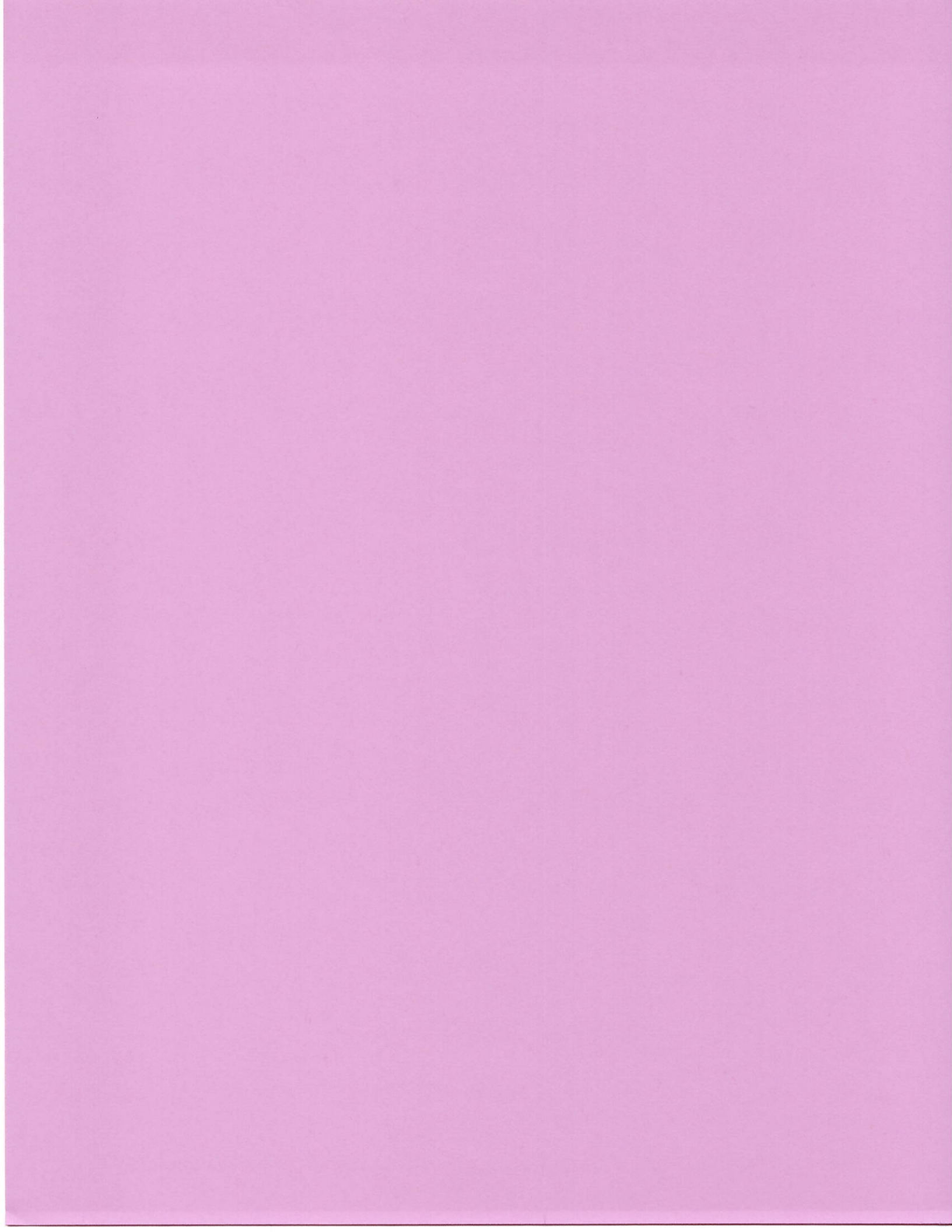
Weekly Management Report

September 27, 2024

- 1. Summary** Parks and Recreation Board
Meeting on September 12, 2024
Parks and Recreation Department

- 2. Minutes** Burbank Water and Power Board Meeting
on October 3, 2024
Water and Power Department

- 3. Report** August 2024 Monthly Operation Results
Water and Power Department



**CITY OF BURBANK
PARKS AND RECREATION
ANNOTATED AGENDA/MEETING SUMMARY**

Meeting: Park, Recreation and Community Services Board (Board)

Date: Thursday, September 12, 2024

Staff Present: Marisa Garcia, Park, Recreation and Community Services Director; Kris Smith, Assistant Park, Recreation and Community Services Director; Grace Coronado, Assistant Park, Recreation and Community Services Director; Megan Wilke, Administrative Analyst II; Chad Thompson, Executive Assistant; Jon McGinley, Acting Recreation Services Manager; Noah Altman, Recreation Services Manager; Erin Barrows, Recreation Services Manager; Emin Yusuf, Administrative Analyst; Diana Alvarez, Senior Clerk

Board Members Present: Mr. Messerlian, Ms. Gamiño, Mr. DePalo, and Ms. Ramsey

Board Members Absent: None.

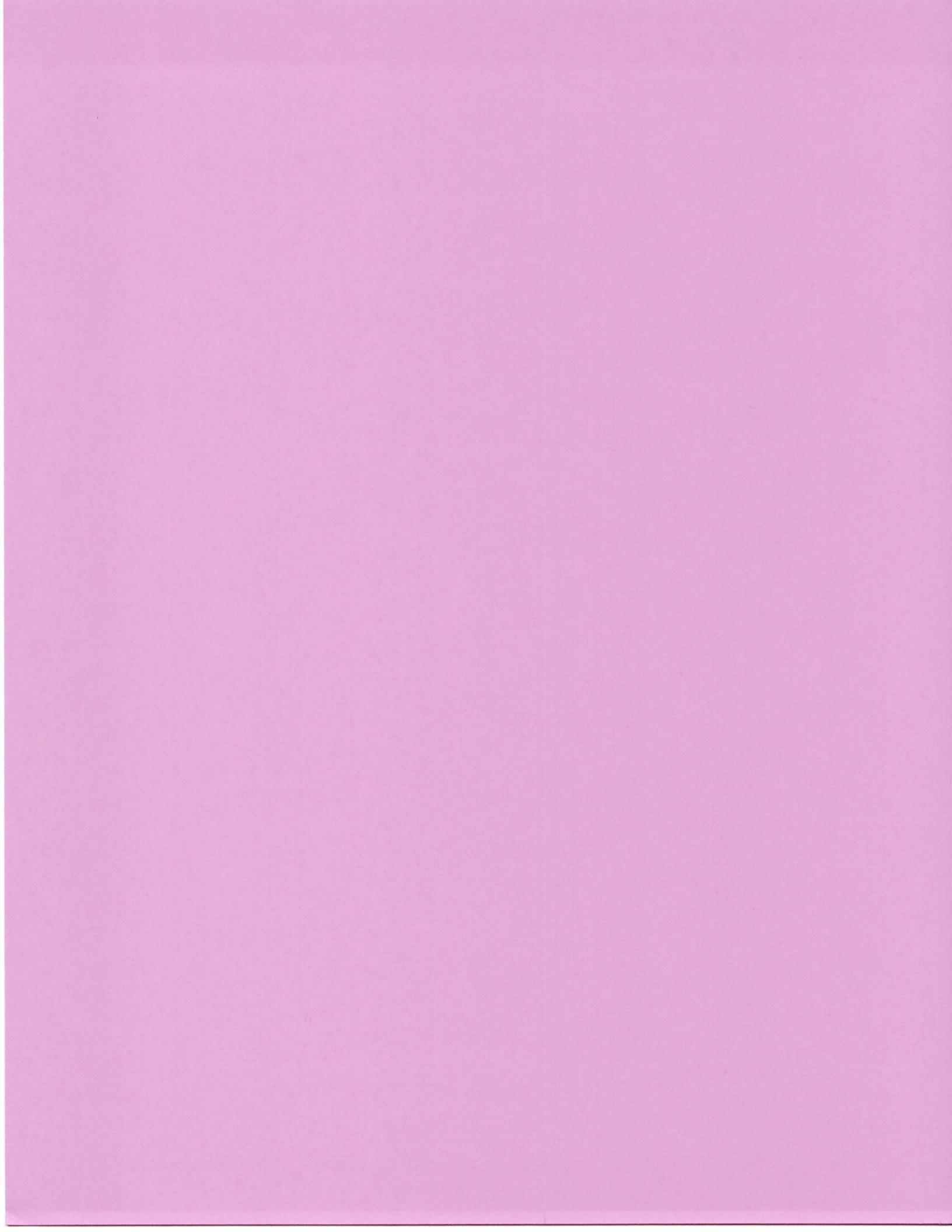
Council Liaison Present: None.

Council Liaison Absent: Konstantine Anthony and Nick Shultz (Alternate)

Item Discussed		Summary	Direction or Action, if any
1	Announcements	Ms. Alvarez provided announcements for the Parks and Recreation Department (P&R) programs and facilities.	
2	Presentations	None.	
3	Department Director Report	Ms. Garcia updated on the Board on the new Park, Recreation and Community Services Board member.	
4	Oral Communications	Mr. Hawk shared information about the Burbank Community Band.	
5	Response to Oral Communications	None.	
6	Written Communications	None.	
7	Park Board Comments	Mr. Messerlian thanked Mr. Hawk for addressing the Board.	
8	Burbank Tennis Center Report for Fiscal Year 2023-2024	Mr. McGinley introduced Mr. Starleaf to give an update on the Burbank Tennis Center operations for Fiscal Year 2023-2024. Ms. Ramsey expressed her excitement for new improvements to the Burbank Tennis Center. Mr. DePalo thanked Mr. Starleaf for his involvement in the Burbank Tennis Center. Mr. Messerlian expressed his appreciation for all the work that Mr. Starleaf does at the Burbank Tennis Center.	Discuss, note and file.
9	Burbank Cultural Arts Framework	Ms. Smith provided an overview of the Burbank Cultural Arts Framework which outlines the City's vision and priorities for the arts over the next five years.	Discuss, note, and file.

**CITY OF BURBANK
PARKS AND RECREATION
ANNOTATED AGENDA/MEETING SUMMARY**

10	Tobacco Grant Update	Mr. Yusufov provided an overview on the California Department of Justice Tobacco Grant Program (Program). Mr. Altman introduced a Public Service Announcement video that was created for the program. Mr. DePalo shared his experience with smoking and commended staff on their hard work.	Discuss, note, and file.
11	Parks and Facilities Tour Site Schedule	Ms. Wilke presented a report on the Facility Tour Site Schedule for the October 3, 2024, Parks and Facilities Tour. The Board approved the locations presented by staff.	Discuss and provide feedback.
12	Consent Calendar	<p><u>Approval of Minutes</u> Minutes of the August 8, 2024, meeting were approved.</p> <p><u>City Council Agenda Items Update</u> Noted and Filed.</p> <p><u>Contract Compliance</u> Noted and Filed.</p> <p><u>Park Patrol Reports</u> The Park Patrol Report for July was noted and filed.</p> <p><u>Departmental Operations Update</u> Noted and Filed.</p>	It was motioned by Ms. Ramsey, seconded by Mr. DePalo, and carried 4-0 to approve the Consent Calendar.
13	Tabled Items	None.	
14	Additional Comments from the Board and staff	None.	
15	Introduction of New Agenda Items	None.	
16	Adjournment	The meeting was adjourned at 7:02.	



**CITY OF BURBANK
BURBANK WATER AND POWER BOARD
OCTOBER 3, 2024**

A regular meeting of the Burbank Water and Power Board will be held on October 3, 2024, at 5:00 p.m. in the board room on the third floor of the BWP Ron E. Davis Administration Building – 164 West Magnolia Boulevard, Burbank, California. This facility is disabled accessible. Auxiliary aids and services are available for individuals with speech, hearing, or visual impairments (48-hour notice is required). To make arrangements, please contact Armando Casillas via email at ACasillas@burbankca.gov or by phone at (818) 238-3550.

Interpretation Requests:

If you would like to participate in public comments and require an interpreter, please telephone the City Clerk’s Office at (818) 238-5851 at least 48 hours in advance of the meeting.

Si desea participar en los comentarios públicos y necesita un intérprete, por favor llame a la Oficina de la Secretaria Municipal al (818) 238-5851 al menos 48 horas antes de la reunión.

Եթե ցանկանում եք մասնակցել հանրային մեկնաբանություններին և թարգմանիչ եք պահանջում, ինդրում եմք զանգահարել քաղաքապետարանի գրասենյակ՝ (818) 238-5851 հեռախոսահամարով հանդիպումից 48 ժամ առաջ

Each member of the public will have a total of three minutes to speak regarding the business of the utility and have the option to participate in the meeting in person and/or telephonically for general public comment, provided that the board reserves the right to adjust the time if there is a large number of speakers. The public may also submit written comments regarding the business of the utility by emailing BWPBoard@burbankca.gov by noon on the regular meeting date.

To speak during public comment, members of the public may speak for three minutes in person in the board room on the third floor of the BWP Ron E. Davis Administration Building – 164 West Magnolia Boulevard, Burbank, California, or by calling 818-238-3627. Members of the public who attend the meeting in person will speak first, and those who choose to call in will speak once those in person attendees have completed.

AGENDA

1. FLAG SALUTE

2. ROLL CALL

3. ORAL COMMUNICATIONS

During this portion of the agenda, any person may address the board on any matter concerning the department’s business or on tonight’s agenda.

4. BOARD AND STAFF RESPONSE TO ORAL COMMUNICATIONS

5. GENERAL MANAGER REPORT

The General Manager will provide updates on any notable events.

6. CONSENT CALENDAR (Item A) Roll Call Vote

The board may pull any of the listed consent items for further discussion, which will take place at the end of the reports to the board.

A. MINUTES

The board may approve the minutes of the regular meeting on September 5, 2024.

Recommendation

Approve as submitted.

B. RECOMMEND THAT THE BURBANK CITY COUNCIL AUTHORIZE THE GENERAL MANAGER OF BURBANK WATER AND POWER TO EXECUTE THE FIRST AMENDMENT TO THE CYCLIC STORAGE AGREEMENT BETWEEN THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA AND THE CITY OF BURBANK

Recommendation

Recommend that the Burbank City Council authorize the General Manager of Burbank Water and Power to execute the First Amendment to the Cyclic Storage agreement with the Metropolitan Water District of Southern California and subsequent amendments to this agreement for storage of imported water in the San Fernando groundwater basin. This water will be stored in the basin for future use and extraction by Burbank Water and Power.

END OF CONSENT CALENDAR

7. REPORTS TO THE BOARD

A. BWP OPERATIONS AND FINANCIAL REPORTS

Joe Lillio, Chief Financial Officer, will present BWP's monthly operating results for the period ending August 2024 and the year-to-date financial report for the period ending July 2024.

Recommendation

This is an information item only. No action is required.

B. OVERVIEW OF BURBANK WATER AND POWER'S PROGRAMS FUNDED WITH ELECTRIC PUBLIC BENEFITS FUNDS

Drew Johnstone, Sustainability Officer, will present an overview of Burbank Water and Power's programs funded with Electric Public Benefits Funds.

Recommendation

This is an information item only. No action is required.

8. INFORMATION FROM STAFF

A. LEGISLATIVE UPDATE – J. Maruca

B. CUSTOMER SERVICE UPDATE – S. Aquino

C. WATER DIVISION UPDATE –

D. POWER SUPPLY UPDATE –

E. SUSTAINABILITY UPDATE –

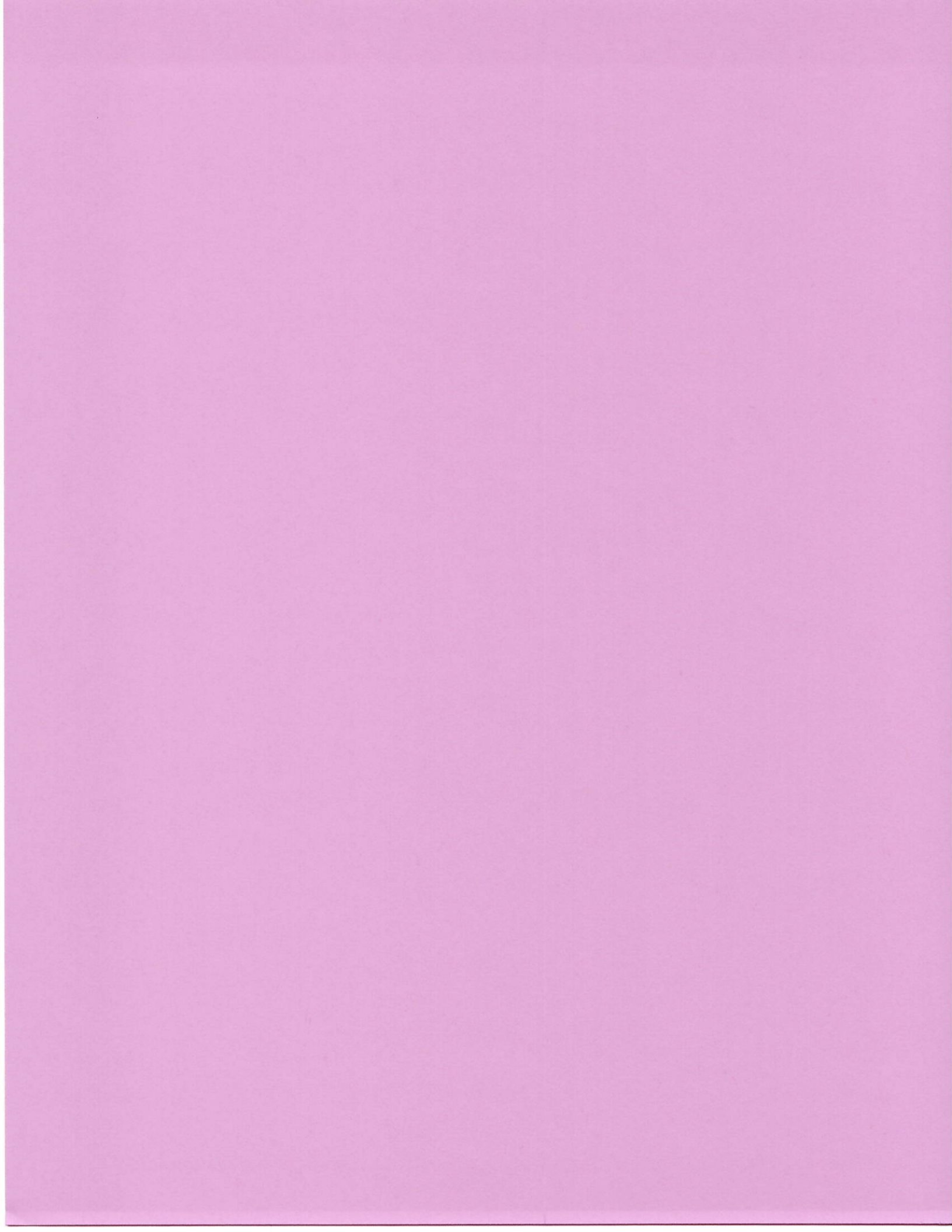
F. ELECTRIC SERVICES UPDATE – R. Steiman

G. COMMUNICATION AND OUTREACH UPDATE –

9. COMMENTS AND REQUESTS FROM BOARD MEMBERS

10. ADJOURNMENT

The next regular board meeting is scheduled for Thursday, November 7, 2024.



STAFF REPORT

7A.



WATER AND POWER

DATE: October 3, 2024

TO: Burbank Water and Power Board

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

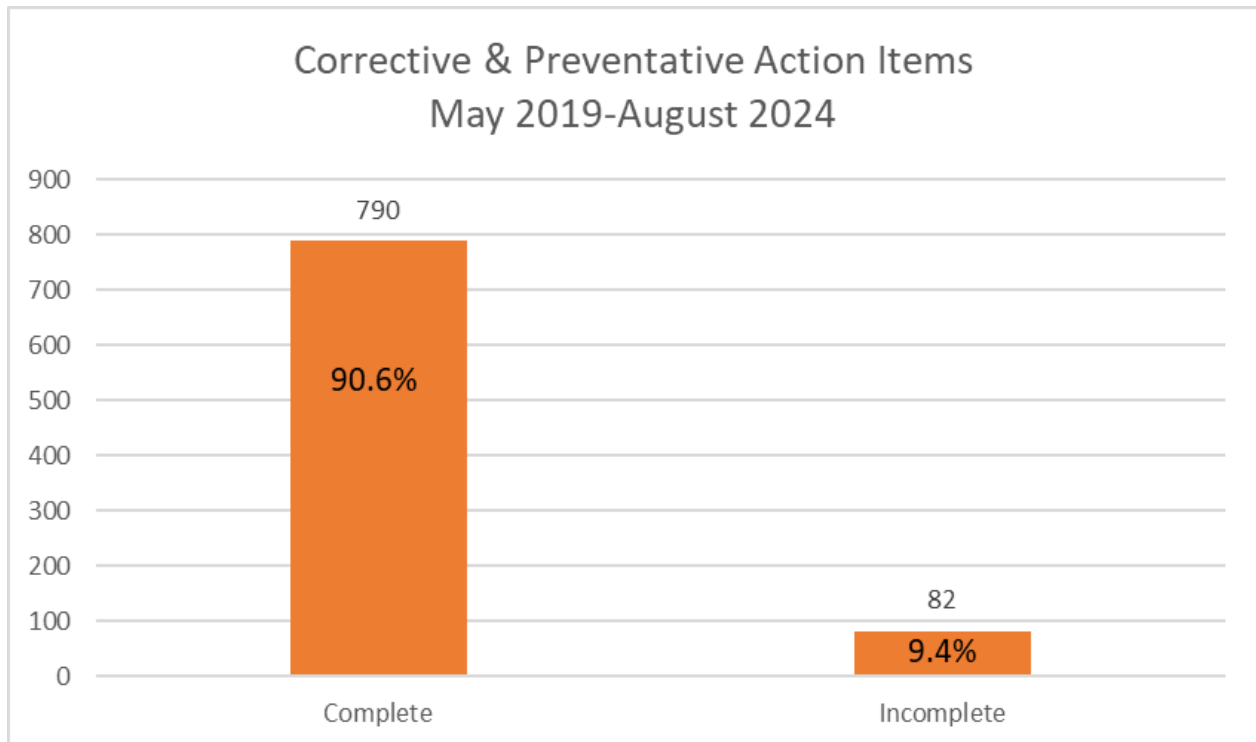
SUBJECT: **August 2024** Operating Results

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

SAFETY

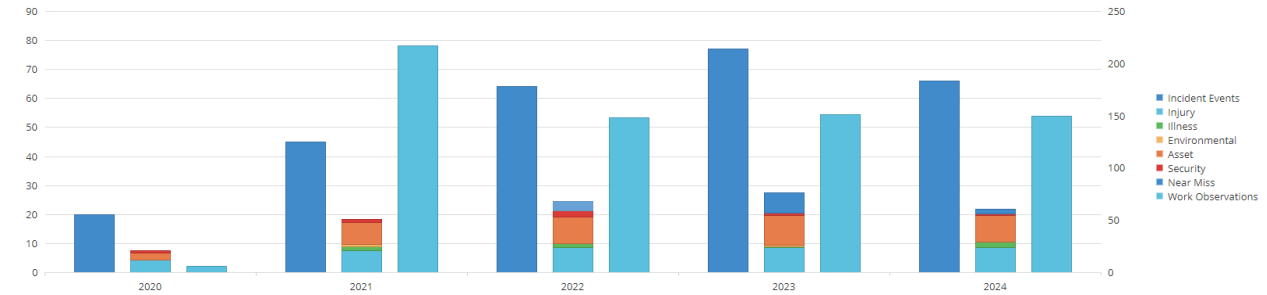
Corrective & Preventative Action Items (May 2019 – Present) (85% Goal):

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 **90.6%** 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 **216** EHS-related reports to count towards the 2024 annual goal of 250.

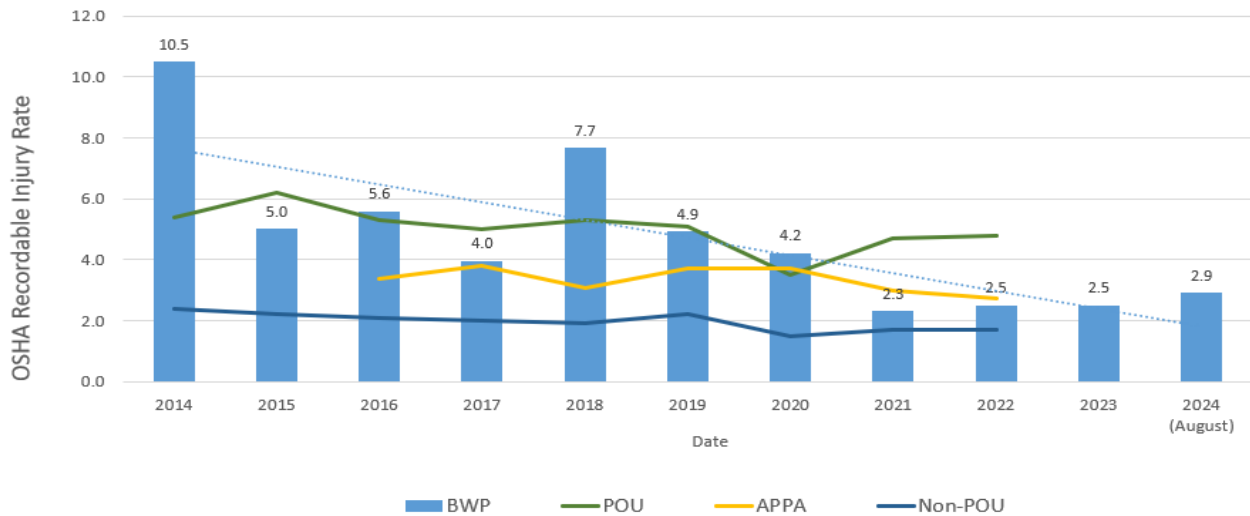


Year	Incident Event	Consequences						Work Observations
		Injury	Illness	Environmental	Asset	Security	Near Miss	
2020	20	12	0	0	7	2	0	6
2021	45	21	4	2	21	3	0	217
2022	64	24	4	0	25	6	9	148
2023	77	24	1	1	29	2	19	151
2024	66	24	5	0	26	1	5	150
Total	272	105	14	3	108	14	33	672

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

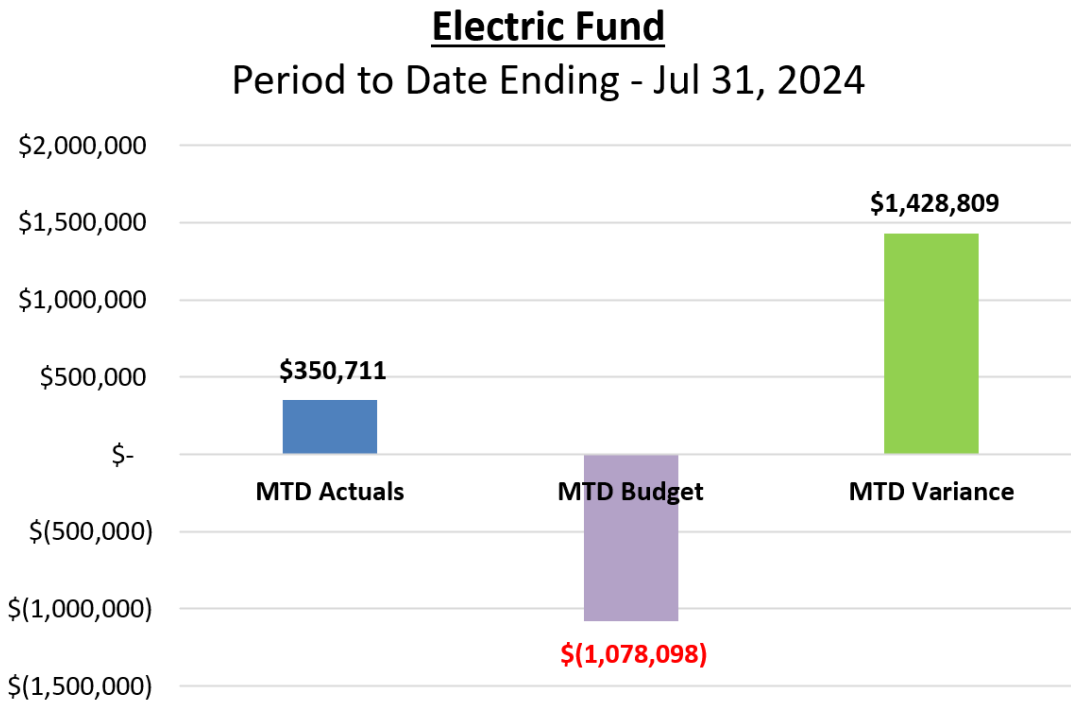
BWP received **no** recordable injuries in this reporting period. BWP’s 12-month rolling average OSHA total recordable incident rate is **2.9**, as seen in the graph below.

TOTAL RECORDABLE INJURY RATE (TRIR)



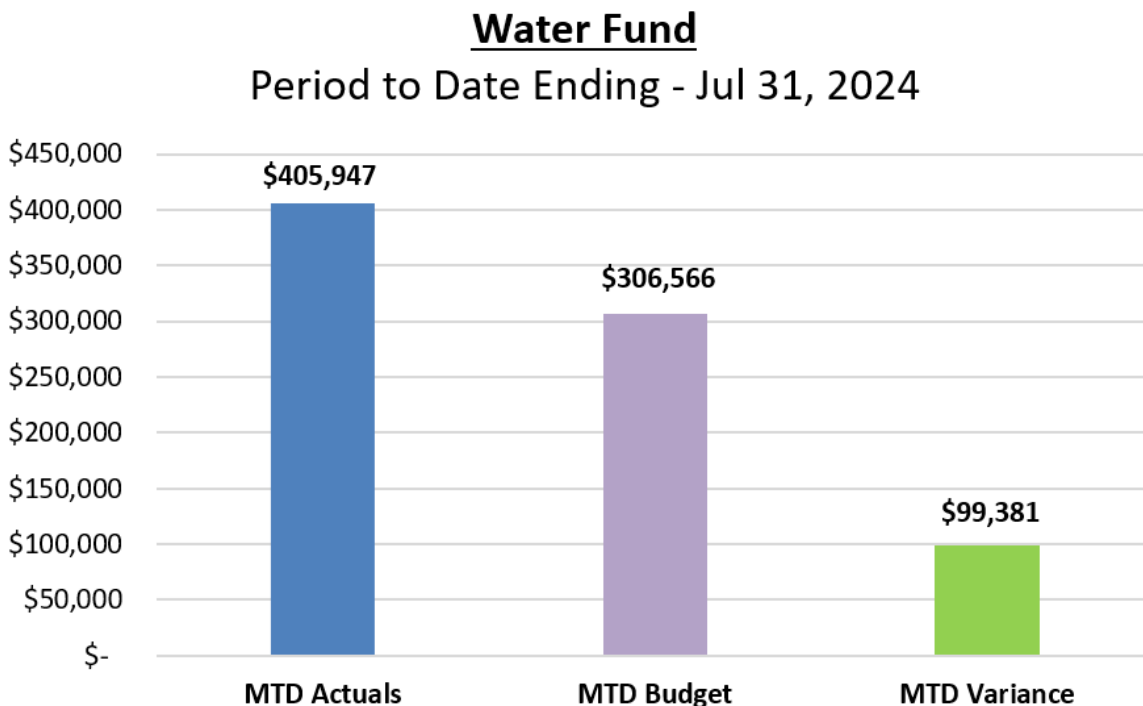
OSHA Recordable Injury Rate = No. of recordable cases per 100 full time employees. Current year expressed as 12 month rolling average
 POU - Publicly Owned Utilities - Bureau of Labor Statistics
 APPA - American Public Power Association - Average recordable injury rate for similar sized organization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

Electric Financial Results



For July 2024, the favorable variance was primarily attributed to higher than planned retail sales, lower than planned power supply and transmission expenses and lower than planned operating expenses. For additional details, please see the attached financial statements.

Water Financial Results

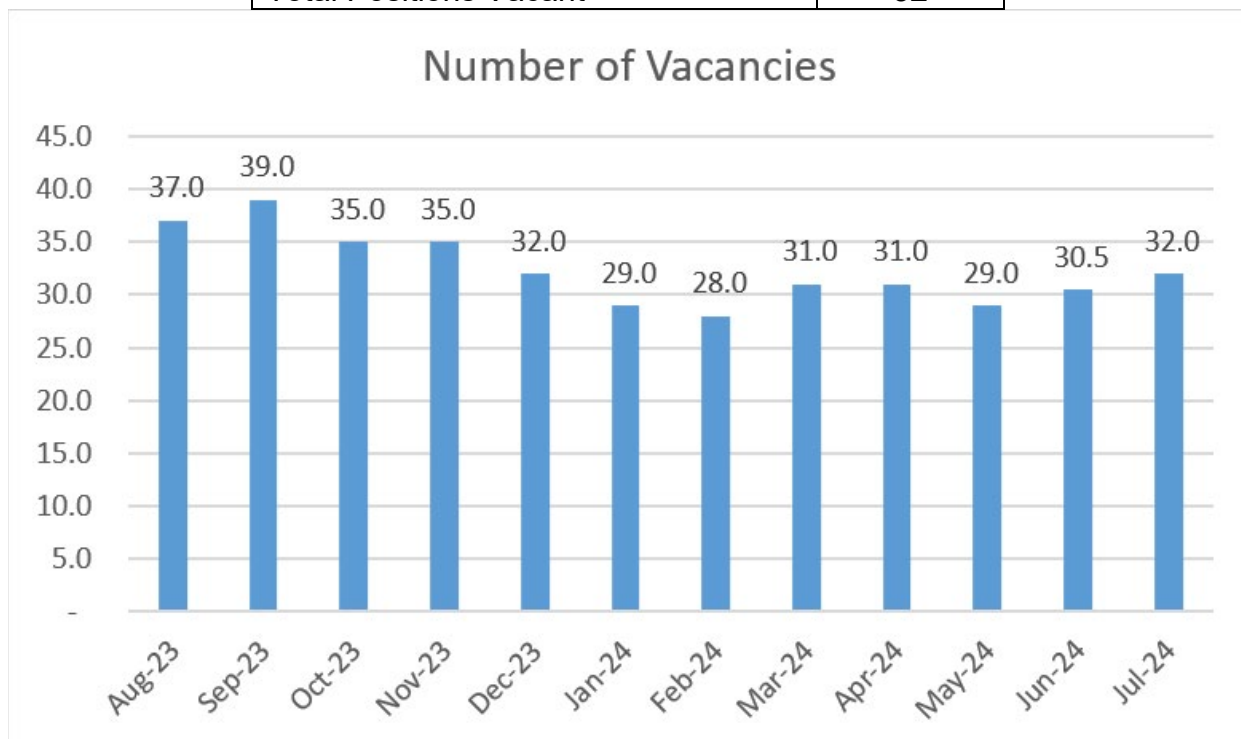


The favorable variance was primarily attributed to lower than planned operating expenses, lower than planned water supply expenses, and **higher than planned recycled sales**, offset partially by lower than planned **potable** revenues. For additional details, please see the attached financial statements.

The table below shows the number of vacant positions throughout the utility. As of **July 2024**, **8.9%** of the budgeted positions were vacant, down from 13.1% at the beginning of the fiscal year.

Vacancies

Total Budgeted Positions	360
Total Positions Filled	328
Total Positions Vacant	32



WATER DIVISION

Burbank's Water Use

The table below shows water use in Burbank during **August 2024** compared to **August 2020**, measured in gallons per capita per day (gpcd).

	Average Monthly Use
August 2020	162 gpcd
August 2024	144 gpcd

Burbank Operating Unit (BOU) Water Production

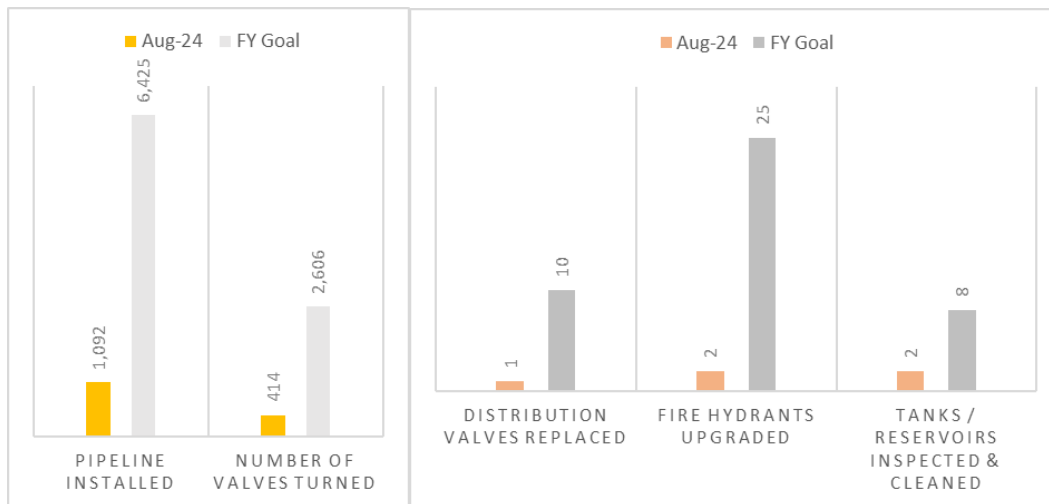
The table below provides the BOU's operational data for **August 2024**.

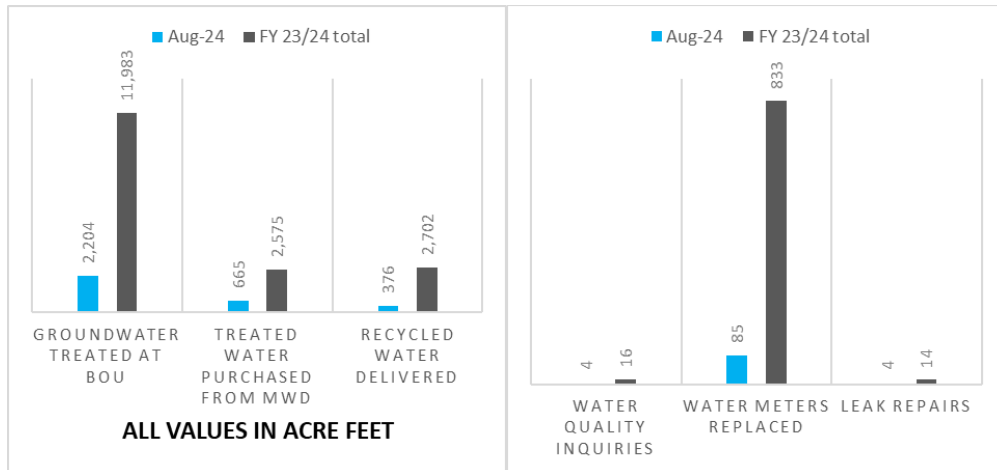
Month	BOU Capacity Factor	BOU Ave. Flow Rate	Total System Blend % MWD/BOU
24-Aug	88.29%	7,946 gpm	24%/76%
12 Month Average	84.11%	7,569 gpm	16%/84%

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 **August**.



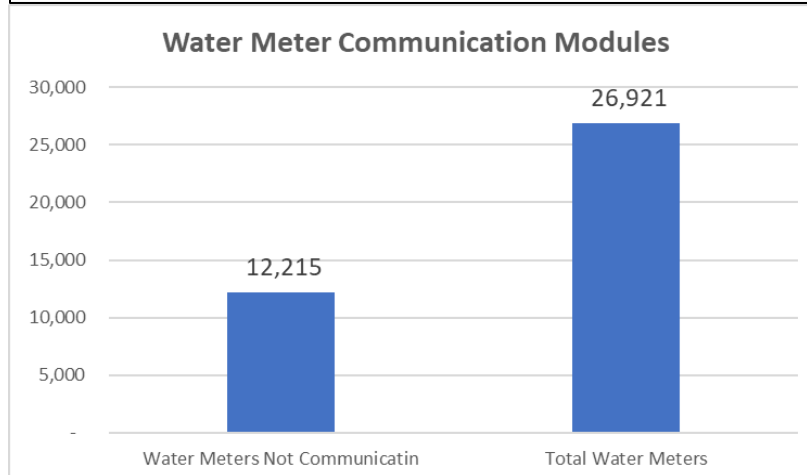
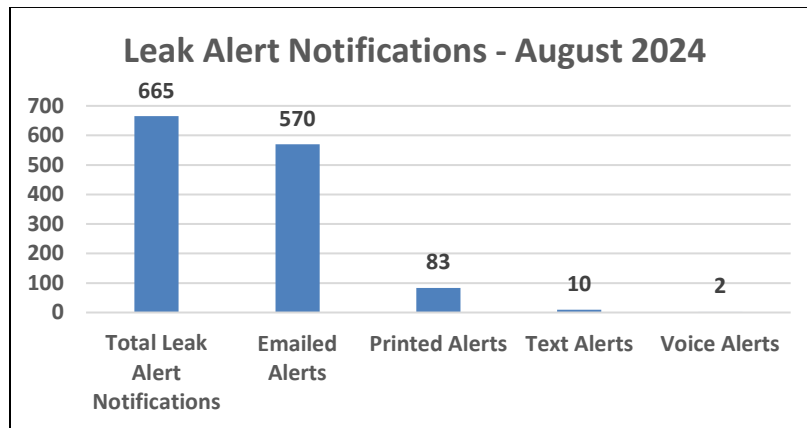


Project Updates

Click [here](#) for a link to the project updates.

Leak Alert Notifications

BWP provides leak alert services to residents who registered to receive notifications. This service, called WaterSmart, 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.



Water Meters Not Communicating

Currently, there are 12,140 water meters not communicating due to the failure of communication module endpoints on the meters. Staff reads these meters manually to ensure accurate billing, but the interval data is unavailable until these endpoints are replaced. This is expected to be completed before July 2025.

In August 2024, BWP issued ten first-warning notices and one second-warning notice based on residents' observations. No notices were sent from AMI data in August.

ELECTRIC DISTRIBUTION

Electric Reliability

In August 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 **433,202** customer minutes.

Reliability Measurement	September 2022 – August 2023	September 2023 – August 2024
Average Outages Per Customer Per Year (SAIFI)	0.3456	0.2826
Average Outage Time Experienced Per Year (SAIDI)	19.13 minutes	16.30 minutes
Average Restoration Time (CAIDI)	55.36 minutes	57.66 minutes
Average Service Availability	99.996%	99.997%
Average Momentary Outages Per Customer Per Year (MAIFI)	0.1505	0.1035
No. of Sustained Feeder Outages	18	32
No. of Sustained Outages by Mylar Balloons	1	4
No. of Sustained Outages by Animals	0	3
No. of Sustained Outages by Palm Fronds	2	6

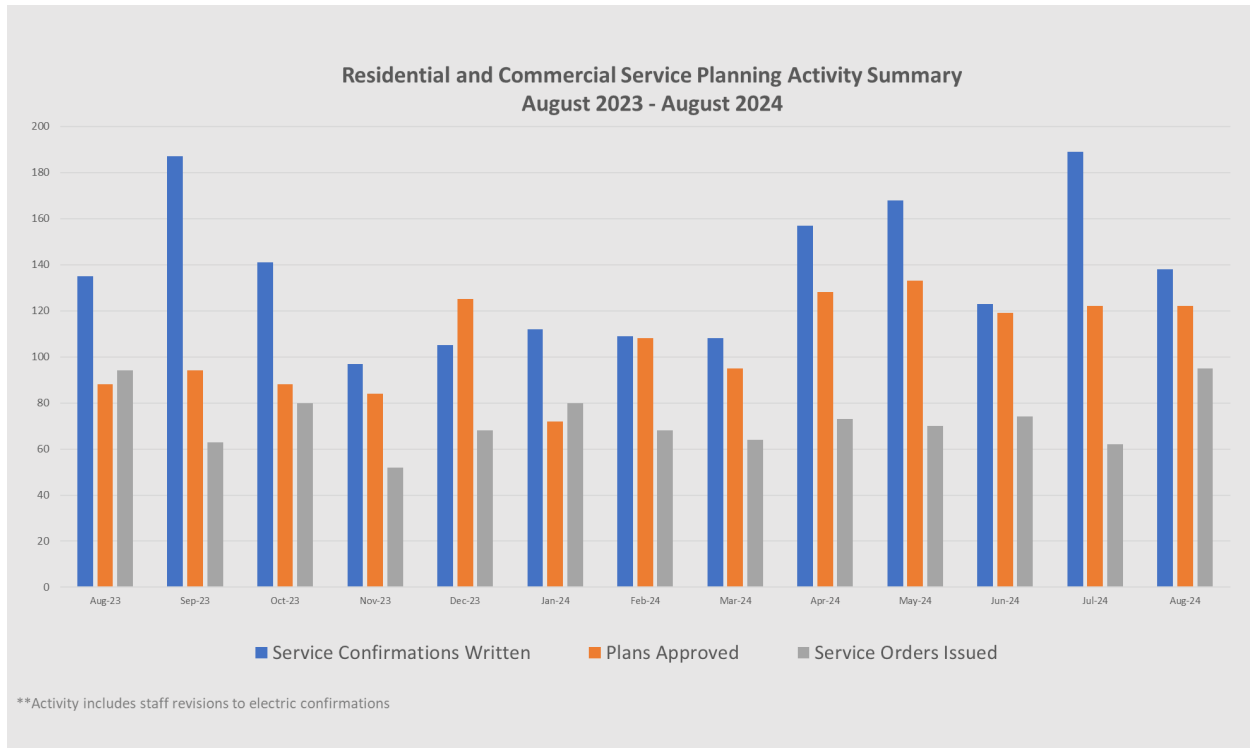
Supply Chain

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

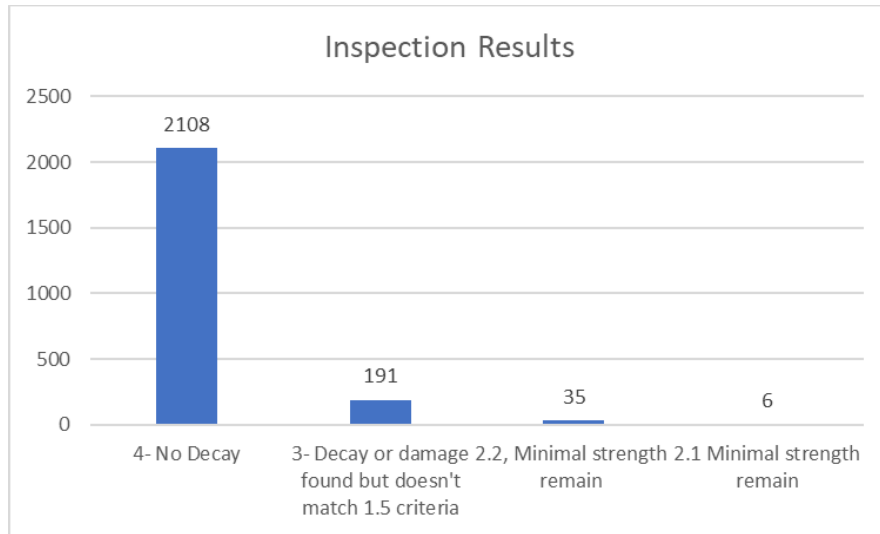
Due to the high volume of service requests, Electrical Service Planning has added some self-service options for its customers to enhance the customer experience and to help manage the Service Planning team's availability for field visits. This includes launching a new portal so customers can self-schedule field visits for meter spots, solar, and plan reviews. The scheduling system checks the employee calendars for availability, collects required information from customers, and sends automatic reminders and follow-up emails. The scheduling portal is available on the BWP website at: www.burbankwaterandpower.com/electric/electricplanning



Wood Pole Inspections

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 at a later time.

The engineering team will use this inspection data to prioritize pole replacements based on conditions. Wood poles are to be inspected at a minimum every 15 years. Engineering will identify the areas for pole inspection in the City for the next pole inspection cycle.



Recent Wood Pole Inspection Results

STREET LIGHTING

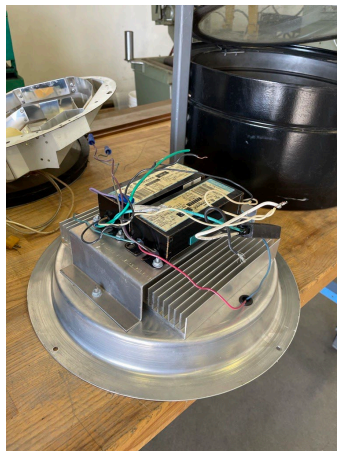
LED Replacement Program

To date, **93.42%** of the total street light luminaires have been converted to LEDs, translating to an annualized energy savings of **5,441 MWh** or a **58.71%** reduction in energy consumption. LED conversions have also reduced the evening load by **1,260 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 **353** decorative LED lights remaining for conversion. The images below show some proposed solutions for converting our decorative lights. **The new Keystone LED bulbs have been shipped and are currently used to convert the Ameron Delphi, Tripole, and Gooseneck decorative streetlight standards.**



Keystone LED Bulb



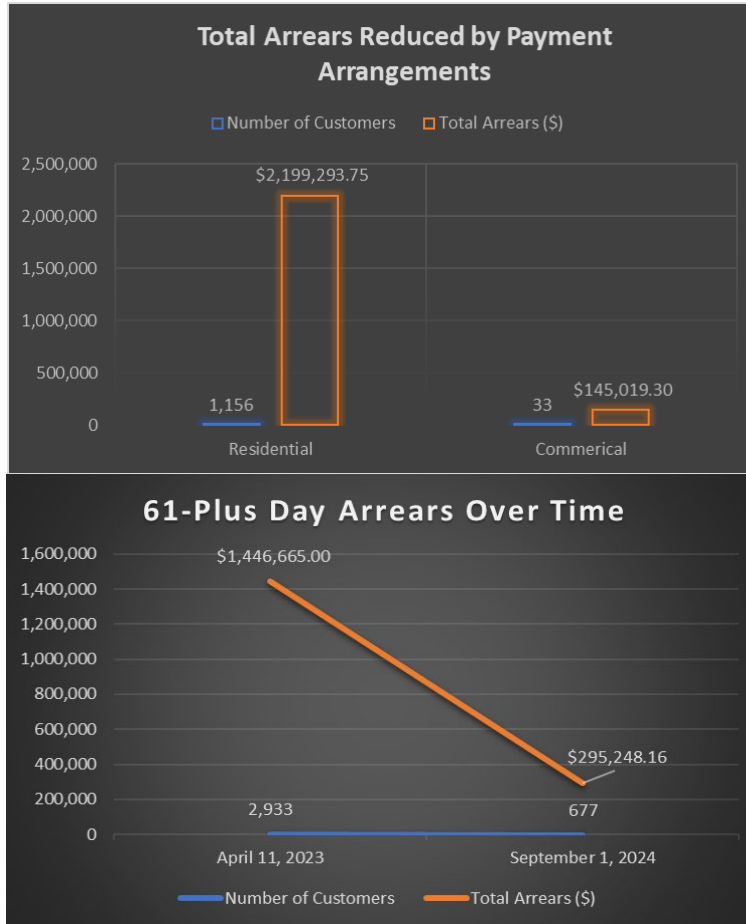
3-Ring Halo LED



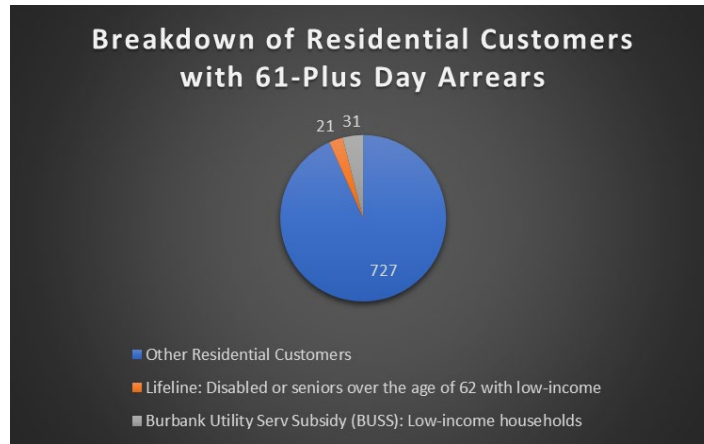
Driver and Housing

CUSTOMER SERVICE OPERATIONS

The below charts reflect the total arrears data as of **September 1, 2024**.



As of **September 1, 2024**, there are **727** residential customers with at least 60-plus days of arrears. Of these **727** residential customers, **21** receive the Lifeline rate for low-income **customers who are** seniors over the age of 62 **or** disabled customers, and **31** customers receive the Burbank Utility Service Subsidy (BUSS) rate. The chart below reflects the breakdown of residential customers with 61-plus day arrears.



As of **September 1, 2024**, no Lifeline or BUSS customers have been disconnected for non-payment.

Outstanding Debt

As of **September 10, 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	1,003,714	184,573	206,483	1,394,770	61%
Water Service	193,167	1,311	130,636	325,114	14%
Fiber Optic Service	102,252	26,944	9,017	138,214	6%
Solid Waste Service	96,936	22,317	51,245	170,498	7%
Sewer Service	88,646	-11,148	171,765	249,263	11%
General Service	634	96	97	827	0%
Miscellaneous Service	18	0	0	18	0%
Grand Total	1,485,368	224,093	569,243	2,278,704	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 **\$ 2,278,704**

BWP Call Center Call Types & Volume

Month	Call Volume
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
June-24	3,524
July-24	4,132
Aug - 24	3,594
% Increase/Decrease	-15%

SUSTAINABILITY, MARKETING, AND STRATEGY

Social Media and Web Engagement

In August 2024, we promoted two (2) key events through our channels – Coffee and Conversation with the new BWP General Manager (GM), Mandip Samra, and the proposed new solar billing program.



The Coffee and Conversation with the new GM garnered the most interest with Instagram, producing 6,500 impressions from over 4,500 social accounts in Burbank. With 57 total likes, it's been one of our most-liked posts this calendar year. We deployed a focused effort over the weekend before the event to capture the attention of Burbank residents.

Key Account Activity

On August 29th, 2024, BWP hosted a “large key account” event at the Centennial Courtyard, attended by our 8 top accounts, plus the Burbank Chamber of Commerce and the BWP Valley Pumping Plant. The list of customers is as follows:

- Cusumano Real Estate
- Warner Brothers
- Worthe Real Estate
- MSG Entertainment
- Krismar
- Ikea
- Walt Disney
- Tesla
- TerraNearPMC

A total of 25 guests attended the event and networked with Mandip Samra and the BWP leadership team discussing everything from reliability to solar opportunities. BWP is planning to have these events quarterly and each event will be geared towards a specific key account segment, with common topics and issues important to them.

The Key Account Manager (KAM) completed 16 in-person meetings and 91 maintenance/discovery calls in August.

	Customer in-person meetings	Customer maintenance calls/discovery calls
August 2024	16	91
FY to date	28	236

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.

Business Rebates

Three business rebate applications were processed in **August, including Budderfly, Vons, and RH Beck. *There was an error in the 226 kW savings reported for July, and the correct savings for July is 36 kW.**

	Customers (#)	Energy Savings (annual kWh)	Demand Savings (kW)
August 2024	3	119,443	7.0
FY to date	4	303,587	43

Business Bucks

August’s promotion of the Business Bucks (BB) program for small businesses **included canvassing by RHA. RHA completed 18 installs, totaling 51,736 in kWh and 16.84 kW saved annually.**

	Customer Audits (#)	Customer Installs (#)	Energy Savings (annual kWh)	Demand Savings (kW)
August 2024	6	18	51,736	16.84
FY to date	16	20	53,389	17.29

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)
August 2024	40	26,585	16.5	242,307

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. **In August, the program received a record high 44 new tree requests.**

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)
July, 2024	25	6,597	1

Building Electrification Rebates

BWP offers rebates to residential customers who replace gas appliances with efficient electric alternatives.

	HVAC	Heat-Pump Water Heater	Cooktop/Range	Clothes Dryer	Panel Upgrade
August 2024	3	0	1	0	0
Program start to date	24	1	7	0	5

Cool Rewards Program Participation

Below are the stats for enrollment to date:

Time Period	Thermostats	
	Enrolled	Total Estimated Capacity (kW)
Program Launch to Date	504	756

This summer, 6 Cool Rewards events were called due to high heat. On average, 57% of customers completed the event.

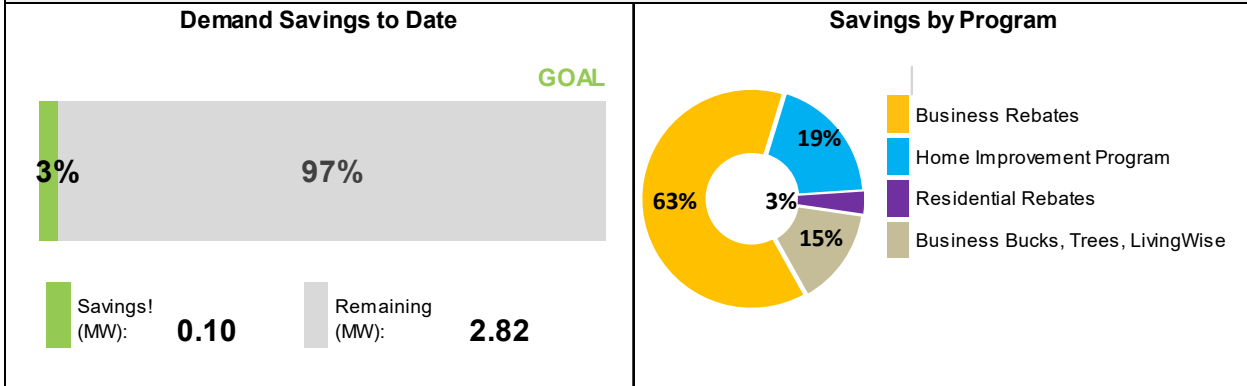
Water Conservation Programs

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 and turf replacement rebates funded and administered by the Metropolitan Water District's (MWD) Regional Incentive Program.

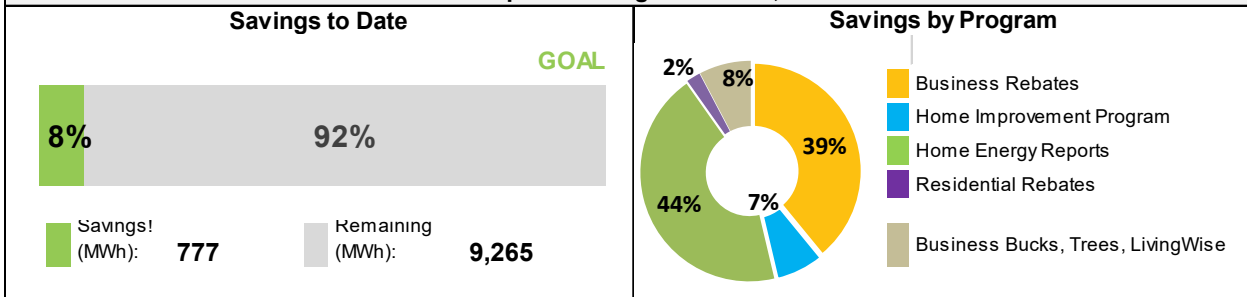
	Turf Replacement (#)	Device Rebates (#)	HIP Measures (#)	Leaks Detected	Water Savings (gallons)
August 2024	1	25	36	3,263	1,126,025
FY to date	5	58	70	6,419	2,351,200

Energy Efficiency Savings FYTD 2023-2024 Period ending on 8/31/2024

1% Demand Goal = 2.93 MW

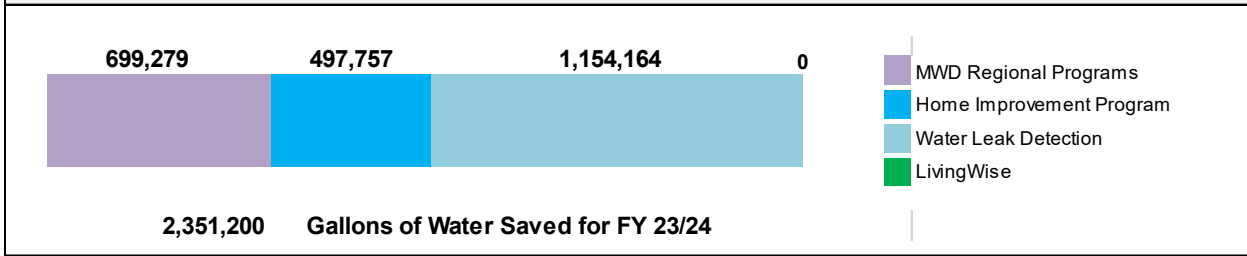


1% Consumption Savings Goal = 10,042 MWh



Water Efficiency Program Savings

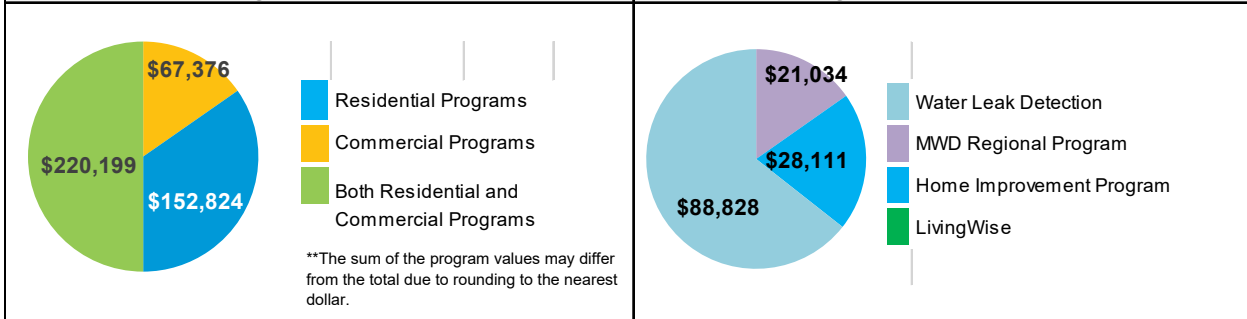
Gallons of Potable Water



Efficiency Direct Program Costs* FYTD 2024-2025

**Electric Programs: \$440,399

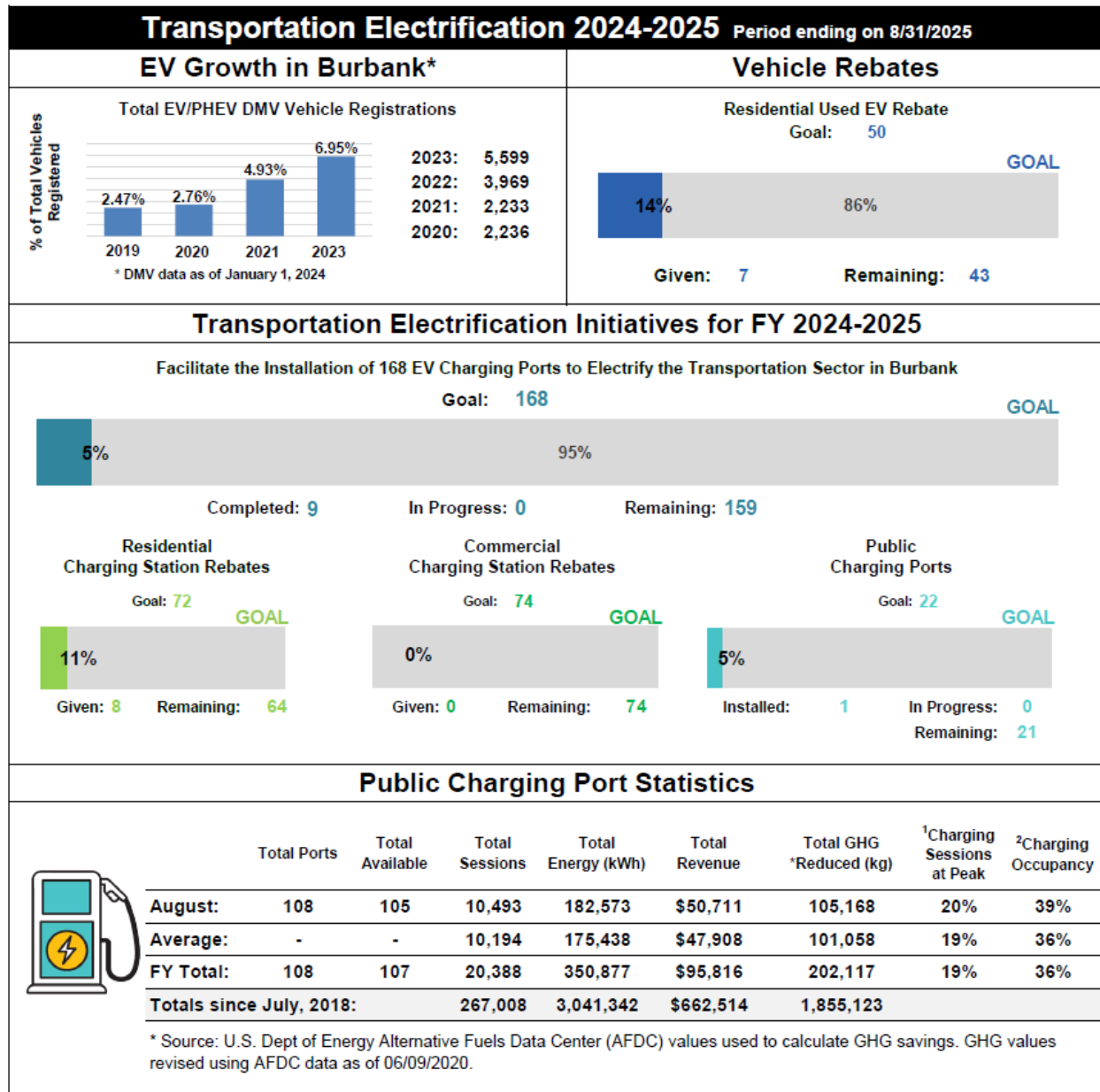
Water Programs: \$137,973



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

Electric Vehicle (EV) Charging Program

August 2024 was **another** record month for the total number of available ports (**108**), the total number of charging sessions (**10,493**), charging occupancy (**39%**), total energy delivered (**182,573 kWh**), GHG reduction (**105,168 kg**), and gross revenue (**\$50,711**).



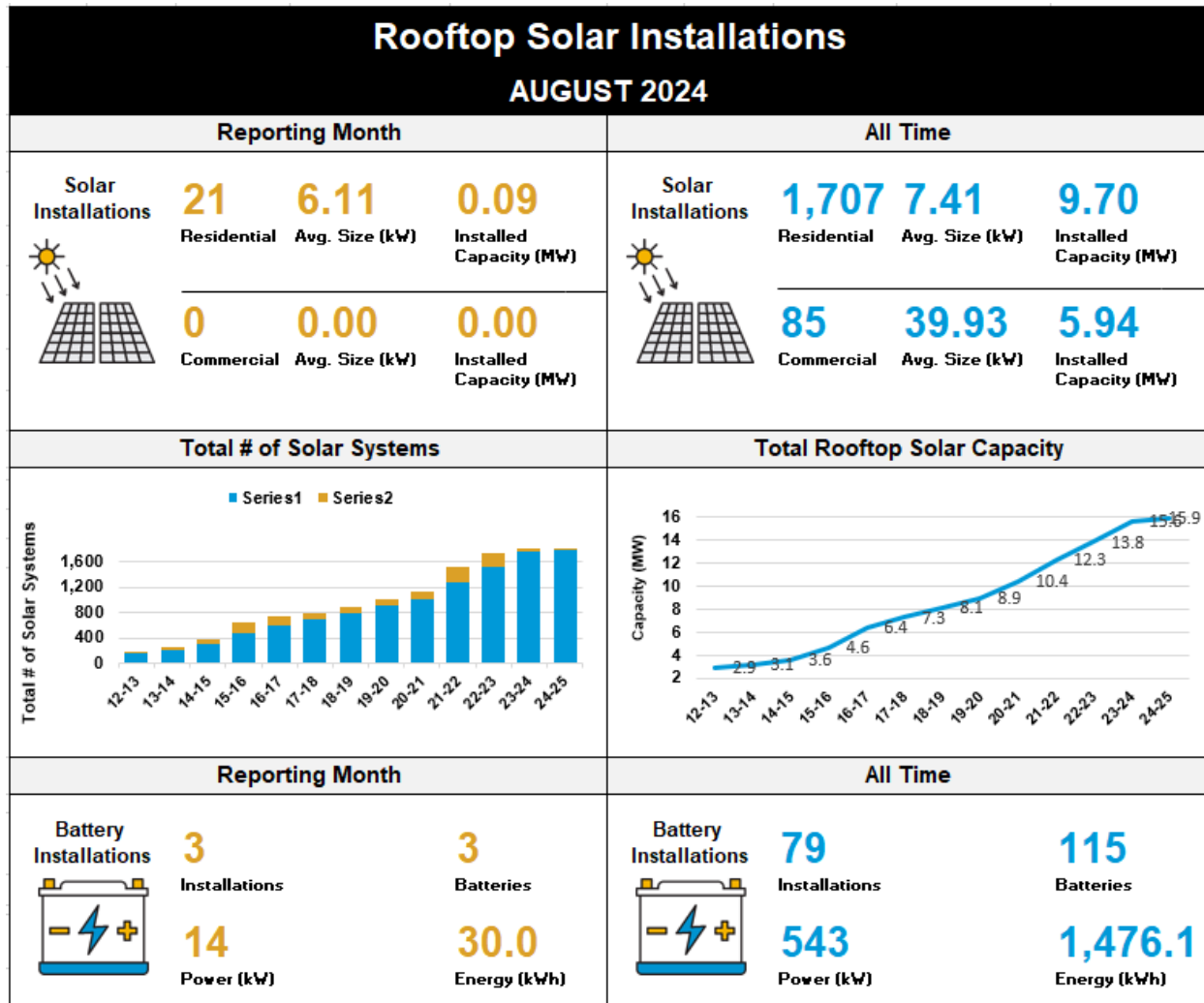
Distributed Solar and Battery Installations

Customer-owned rooftop solar system installations continue to grow.

New Proposed Solar Net Billing Program

The new web page for Solar Net Billing is active as of 8/14. BWP plans to hold two town halls in September: one virtual meeting on 9/11 at 12PM and one virtual and

in-person meeting on 9/30 at 6:30 PM. These meetings aim to educate customers and the solar contracting community on the reasons why a new solar program is recommended and gather input from the public. BWP staff will meet individually with board members in October to discuss the proposed Solar Net Billing program in greater detail.



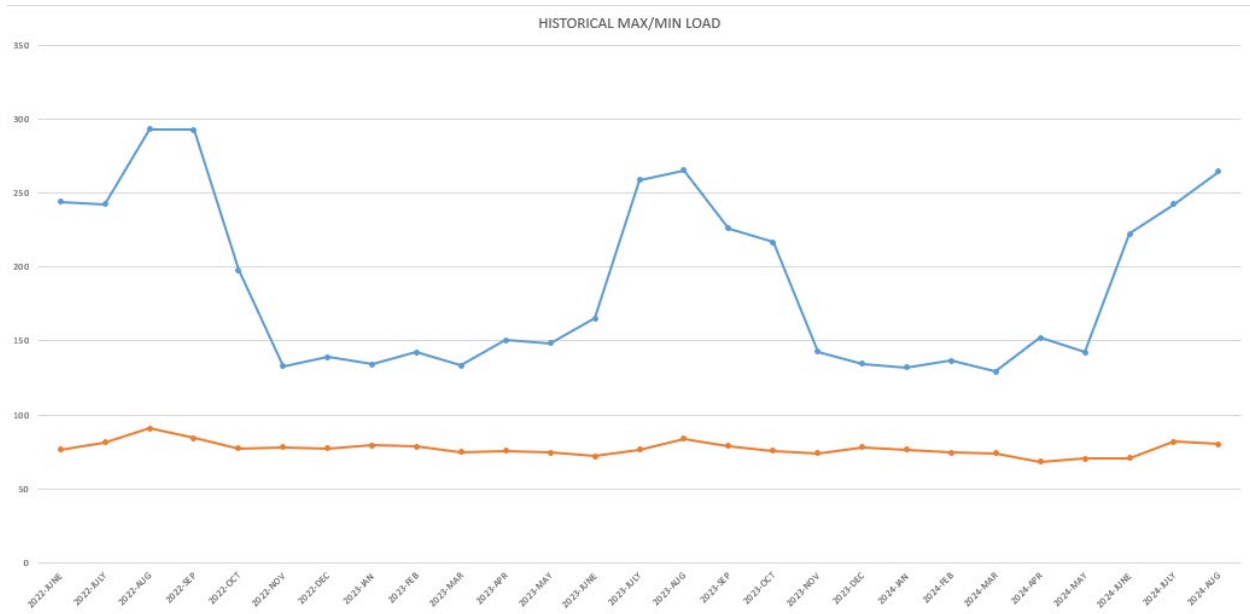
TECHNOLOGY

Broadband Services (ONEBurbank)

	August 2024 New Orders	Revenues for August 2024	FYTD 2024-25 Revenues	FYTD Budget
Lit	5	\$151,479	\$304,445	\$360,000
Dark	0	\$164,415	\$329,828	\$390,000
Total	5	\$315,894	\$634,273	\$750,000

POWER SUPPLY

BWP SYSTEM OPERATIONS



YEAR	MAX LOAD	MAX DATE
2024	264.4 MW	5-Aug-24 15:42
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 the **average spot (delivery next day or next few days)** natural gas prices for SoCal. It shows that spot natural gas prices in **2024** year-to-date are lower (**0.8**) than in 2020.

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 (YTD)	\$2.35
Change since 2020	0.8X

However, we procure much of our natural gas needs well before delivery. This is done to follow our risk policy and to guard against potential price spikes, which could have a major impact on the budget. This is referred to as hedging. As a result of hedging, our procurement cost is more aligned with forward (delivery in the future, typically 1-3 years out) procurement. The table below provides the average annual price (\$/MMBtu) of natural gas delivered in the future, as of a specific date in time 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

SoCal Citygate Future Delivery Pricing

Average \$/MMBtu

FY 25/26	FY 26/27	FY 27/28	FY 28/29
\$6.15	\$6.25	\$6.45	\$6.75

*market quotes as of 8/7/2024

SoCal Citygate Future Delivery Pricing

Average \$/MMBtu

FY 25/26	FY 26/27	FY 27/28	FY 28/29
\$5.51	\$6.03	\$6.52	\$6.36

*market quotes as of 09/10/2024

ELECTRICITY GENERATION:

BWP Generating Facilities

Unit	Availability	Operating Hrs	MWH (Net)	Net Heat Rate (Btu/kWh)	Number of Starts
Lake 1	99.8%	113	4,383	10,323	16
MPP	100%	744	153,093	7,533	0

Lake 1 was placed online sixteen (16) times during August.

Magnolia Power Project (MPP)

	August	FYTD	YTD
Availability	100%	100%	97%
Unit Capacity Factor (240 MW)	86%	87%	75%

There were no outages at MPP during August 2024. Performance testing of the boiler feed water pumps, condensate pumps, and circulating water pumps took place on August 20 – 22, 2024. The test results will be used to determine the appropriate maintenance requirements during the upcoming major outage.

Tieton Hydropower Project (Tieton)

On September 3, major repairs of the Tieton 115kV transmission line were completed after damage from a local wildfire, the Retreat Fire. These repairs were completed earlier than the expected completion in October 2024. Due to the extreme terrain, the use of a helicopter was required to set poles, which were also upgraded to ductile iron material rather than wood. Testing of the plant and associated systems was performed, and sequentially, both generation units were placed online on September 5. Because the fire resulted in a forced outage during the peak generation season, it is anticipated that annual generation will be 35-50% lower than forecasted.

Preliminary estimates of repairs for which the project is responsible are expected to be approximately \$2M. The costs are likely to be invoiced in November 2024, and SCPA is currently processing a claim with insurers on this matter.

ENVIRONMENTAL

Air Quality

The Landfill Microturbine No. 2 is scheduled for air quality testing on October 2, 2024, as required by the SCAQMD permit to operate.

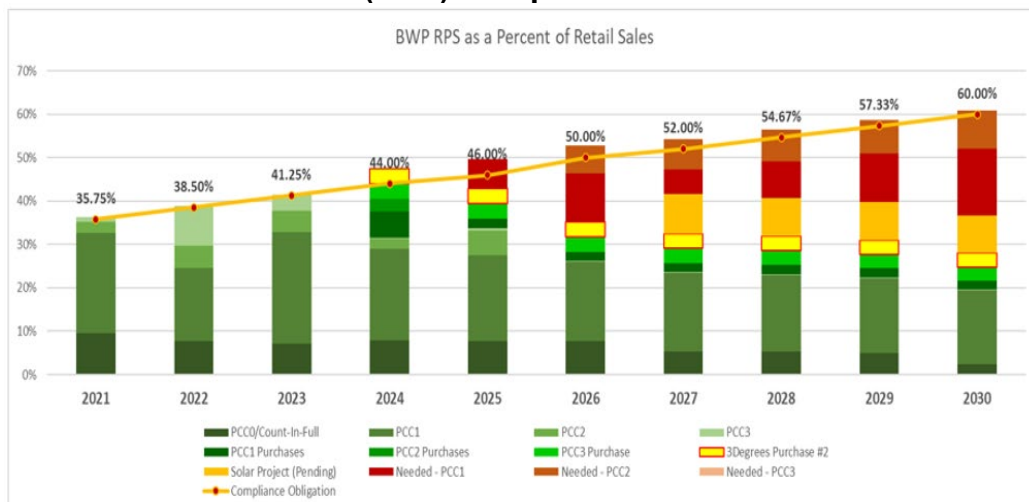
Storm Water

No stormwater updates at this time.

PROJECT UPDATES

Power Resources

Renewable Portfolio Standard (RPS) Compliance



In the chart above, both Long Term PCC3 deals with 3Degrees are included. With the two 3Degree deals executed, we have a little more than needed in the early years of the contracts; 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. However, 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 has approved the permit for power pole and line repairs, which are expected to be completed soon. Production should begin by November. On August 13, staff presented the second 3Degrees long-term (10 years) Portfolio Content Category (PCC) 3 renewable energy credit contract and received approval.**

Staff is currently negotiating two 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 operation dates in early 2027. This would be Burbank’s first project that is paired with a battery.**

These two projects combined could add approximately 150,000 PCC1 MWh annually to our renewable energy supply.

Intermountain Power Project (Delta, UT) Renewal Progress

The IPP coal facility converts to the IPP Renewal project, composed of natural gas and hydrogen, in mid-2025. Below are details of the contract and estimated 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 until October 31, 2024. Additional coal has been secured but at higher costs. The IPP coal situation is better than it was last year.

Power Production

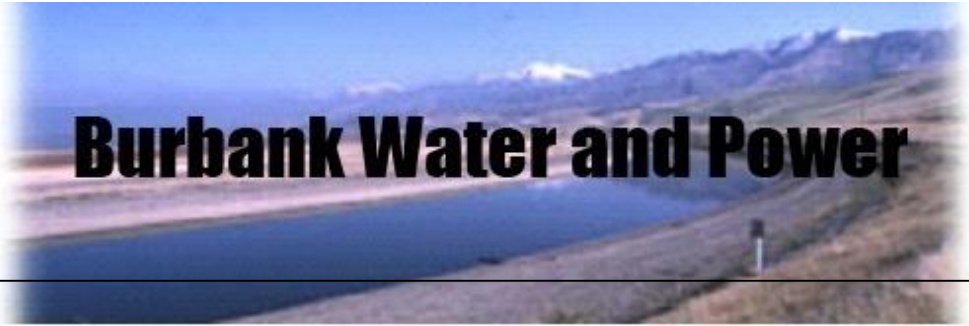
BWP Campus Stormwater Improvement Project

The project is now approximately 45% complete (based on actual cost incurred as of August 16, 2024, versus the anticipated total cost at completion), and the anticipated total cost at completion remains within budget.

Onsite construction work began on June 17, 2024. During the month of July, the contractor focused on the installation of the shoring system and excavation was started after the beams were set and plates were driven. Excavation for the storm capture units was completed and about 85% of the sub-drainage system was installed below the units. The pump station was also delivered and set.

Offsite construction work began on June 24, 2024. During the month of July the contractor completed the installation of all reinforced concrete pipe shown on the plans. The connection to the Burbank Western Channel was made and backfilled. Concrete repairs and paving limits were marked as approved by Public Works. The paving and concrete work was completed during the second week of August. The reinforced concrete box modifications were completed during the first week of August.

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. The project is expected to be substantially complete by the end of October.



**Financial Report
July 2024 - Preliminary**

**Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets ^{(1) (2)}
MTD July 2024 - Preliminary**

		(\$ in 000's except MWh Sales)		
MTD Actual FY 24-25	MTD Budget FY 24-25	\$ Variance	% Variance	
107,151	111,696	(4,545)	(4%) ^(a)	NEL MWh
				Retail
\$ 19,259	\$ 18,778	\$ 481	3%	Retail Sales
521	633	(112)	(18%) ^(b)	Other Revenues (3)
11,969	12,128	159	1% ^(c)	Retail Power Supply & Transmission
7,811	7,283	528	7%	Retail Margin
				Wholesale
1,295	5,401	(4,106)	(76%)	Wholesale Sales
1,077	5,293	4,216	80%	Wholesale Power Supply
218	108	110	102%	Wholesale Margin
8,029	7,391	638	9%	Gross Margin
				Operating Expenses
941	957	16	2%	Distribution
92	151	60	39% ^(d)	GM-Admin & Safety
408	407	(1)	(0%)	Finance, Fleet, & Warehouse
576	618	42	7%	Transfer to General Fund for Cost Allocation
718	564	(154)	(27%) ^(e)	Customer Service
88	260	172	66% ^(f)	Marketing & Sustainability
131	534	403	76% ^(g)	Public Benefits
292	170	(122)	(72%) ^(h)	Security/Oper Technology
94	149	55	37% ⁽ⁱ⁾	Telecom
150	278	127	46% ^(j)	Construction & Maintenance
1,727	2,017	290	14%	Depreciation
5,216	6,105	889	15%	Total Operating Expenses
\$ 2,813	\$ 1,286	\$ 1,527	119%	Operating Income/(Loss)

**Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets ^{(1) (2)}
MTD July 2024 - Preliminary**

MTD Actual FY 24-25	MTD Budget FY 24-25	\$ Variance	(\$ in 000's) % Variance	
\$ 2,813	\$ 1,286	\$ 1,527	119%	Operating Income/(Loss)
311	284	27	9% ^(k)	Other Income/(Expenses) Interest Income
(2,010)	(1,885)	(125)	(7%)	Other Income/(Expense) ⁽⁴⁾
(763)	(763)	(0)	(0%)	Bond Interest/ (Expense)
<u>(2,462)</u>	<u>(2,364)</u>	<u>(98)</u>	<u>(4%)</u>	Total Other Income/(Expense)
351	(1,078)	1,429	133%	Net Income
39	807	(767)	(95%) ^(l)	Capital Contributions (AIC)
<u>\$ 390</u>	<u>\$ (271)</u>	<u>\$ 661</u>	<u>244%</u>	Net Change in Net Assets

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,
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 July 2024 - Preliminary
(\$ in 000's)**

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(a)	Electric Usage in MWh	107,151	111,696	(4,545)	- NEL is 4% lower than budget. The average high temperature in July was 90°F, compared to the 15-year average high temperature of 87°F. The average low temperature was 62°F, compared to the 15-year average low temperature of 63°F. MTD CDD were 356 versus the 15-year average of 315. HDD was 0 versus the 15-year average of 0.
(b)	Other Revenues	521	633	(112)	- 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	11,969	12,128	159	- The favorable variance is attributable to various components within Retail Power Supply and Transmission. Please refer to page 5 for additional details.
(d)	GM-Admin & Safety	92	151	60	- The favorable variance is primarily attributable to the timing of professional services and training.
(e)	Customer Service	718	564	(154)	- The unfavorable variance is primarily attributable to the timing of software & hardware support.
(f)	Marketing & Sustainability	88	260	172	- The favorable variance is primarily attributable to timing of rebates.
(g)	Public Benefits	131	534	403	- The favorable variance is primarily attributable to lower than planned program spending.
(h)	Security/Operations Technology	292	170	(122)	- The unfavorable variance is primarily attributable to the timing of software & hardware support and memberships.
(i)	Telecom	94	149	55	- The favorable variance is primarily attributable to the timing of private contractual services.
(j)	Construction & Maintenance	150	278	127	- The favorable variance is primarily attributable to the timing of custodial services and building grounds maintenance.
(k)	Interest Income	311	284	27	- 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)	Capital Contributions (AIC)	39	807	(767)	- The unfavorable variance is attributable to the timing of AIC projects.

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

	Variance Month-to-Date		
	<u>Favorable Items</u>	<u>Unfavorable Items</u>	<u>Budget to Actual Variance</u>
<u>MTD NET INCOME/(LOSS): \$351</u>	\$ 1,429	\$ -	\$ 1,429
 <u>MTD GROSS MARGIN VARIANCE</u>			
Retail Sales	481	-	481
Power Supply and Transmission:			
- Lower retail load	59	-	59
- Higher than planned renewables cost and other	-	(75)	(75)
- Lower transmission	95	-	95
- Lower energy prices	80	-	80
Other Revenues	-	(112)	(112)
Wholesale Margin	110	-	110
Total	<u>825</u>	<u>(187)</u>	<u>639</u>
 <u>MTD O&M AND OTHER VARIANCES</u>			
Distribution	16	-	16
GM-Admin & Safety	60	-	60
Finance, Fleet, & Warehouse	-	(1)	(1)
Customer Service	-	(154)	(154)
Marketing & Sustainability	172	-	172
Public Benefits	403	-	403
Security/Operations Technology	-	(122)	(122)
Telecom	55	-	55
Construction & Maintenance	127	-	127
Depreciation expense	290	-	290
All other	-	(56)	(56)
Total	<u>1,124</u>	<u>(333)</u>	<u>791</u>

Electric Fund (496)
Statement of Changes in Cash and Investment Balances ^(a)
(\$ in 000's)

	Jul-24	Jun-24	Mar-24	Dec-23	Sep-23	Jun-23	Jun-22	Recommended Reserves		Minimum Reserves
								Low	High	
Cash and Investments										
General Operating Reserve	\$ 98,978 ^(b)	\$ 101,785	\$ 95,557	\$ 81,659	\$ 70,736	\$ 52,200	\$ 69,212	\$ 82,003	\$ 123,004 ^(d)	\$ 53,814 ^(d)
Capital & Debt Reduction Fund	-	-	-	-	-	- ^(d)	10,000	-	-	-
BWP Projects Reserve Deposits at SCPPA	4,839	4,808	4,742	4,708	4,615	4,580	3,794	-	-	-
Sub-Total Cash and Investments	103,817	106,593	100,299	86,366	75,351	56,780	83,007	82,003	123,004	53,814
Commitments										
Customer Deposits	(26,089)	(22,519)	(21,229)	(14,101)	(13,897)	(10,976)	(9,939)	-	-	-
Public Benefits Obligation	(10,985)	(10,829)	(11,105)	(11,338)	(11,340)	(10,710)	(9,315)	-	-	-
Low Carbon Fuel Standard ^(b)	(2,562)	(2,469)	(3,065)	(2,328)	(3,180)	(3,289)	(3,464)	-	-	-
IPP Decommission	-	-	-	-	-	- ^(c)	(2,000)	-	-	-
Sub-Total Cash and Investments (less Commitments)	64,181	70,777	64,899	58,598	46,935	31,806	58,288	82,003	123,004	53,814
Bond Proceeds										
Bond Proceeds on Deposit with Trustee	71,748	71,430	85,905	93,914	101,836	120,107	-	-	-	-
Total Cash and Investments and Bond Proceeds (less Commitments)	135,929	142,207	150,804	152,513	148,771	151,913	58,288	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.

^(e) UAL One-time payment made in July'24 for \$2m

**Burbank Water and Power
Water Fund (497)
Statement of Changes in Net Assets ^{(1) (2)}
MTD July 2024 - Preliminary
(\$ in 000's except Gallons)**

MTD Actual FY 23-24	MTD Budget FY 23-24	\$ Variance	% Variance	
462	516	(54)	(10%)	Water put into the system in Millions of Gallons
123	105	18	17%	Metered Recycled Water in Millions of Gallons
Operating Revenues				
\$ 3,183	\$ 3,665	\$ (481)	(13%) ^(a)	Potable Water
729	591	138	23% ^(b)	Recycled Water
80	118	(38)	(32%)	Other Revenue ⁽³⁾
<u>3,993</u>	<u>4,374</u>	<u>(381)</u>	<u>(9%)</u>	Total Operating Revenues
1,207	1,564	356	23% ^(c)	Water Supply Expense
<u>2,786</u>	<u>2,810</u>	<u>(24)</u>	<u>(1%)</u>	Gross Margin
Operating Expenses				
910	932	22	2%	Operations & Maintenance - Potable
106	144	37	26% ^(d)	Operations & Maintenance - Recycled
297	353	56	16% ^(e)	Operations & Maintenance - Shared Services
135	125	(10)	(8%)	Transfer to General Fund for Cost Allocation
<u>391</u>	<u>397</u>	<u>5</u>	<u>1%</u>	Depreciation
<u>1,839</u>	<u>1,951</u>	<u>111</u>	<u>6%</u>	Total Operating Expenses
<u>946</u>	<u>859</u>	<u>87</u>	<u>10%</u>	Operating Income/(Loss)
Other Income/(Expenses)				
39	33	5	16%	Interest Income
(373)	(357)	(16)	(5%)	Other Income/(Expense) ⁽⁴⁾
(206)	(229)	24	10%	Bond Interest/(Expense)
<u>(540)</u>	<u>(553)</u>	<u>12</u>	<u>2%</u>	Total Other Income/(Expenses)
<u>406</u>	<u>307</u>	<u>99</u>	<u>32%</u>	Net Income/(Loss)
43	53	(10)	(18%) ^(f)	Capital Contributions (AIC)
<u>\$ 449</u>	<u>\$ 359</u>	<u>\$ 90</u>	<u>25%</u>	Net Change in Net Assets

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, a

4. Other Income/(Expense) includes a one-time payment to CalPERS (for pension) and miscellaneous revenue from the sal

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

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(a)	Potable Water Revenue	3,183	3,665	(481)	- Potable water revenue during July 2024 was 13% 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	729	591	138	- Recycled water revenues were higher than planned primarily due to higher than average temperatures.
(c)	Water Supply Expense	1,207	1,564	356	- The favorable variance is a result of lower demand and using less imported MWD water than planned.
(d)	Operations & Maintenance - Recycled	106	144	37	- 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 on capital projects.
(e)	Operations & Maintenance - Shared Services	297	353	56	- The favorable variance is attributable to lower than planned shared expenses (Marketing & Sustainability, Operations Technology and Security, and GM Admin & Safety) from the electric fund.
(f)	Capital Contributions (AIC)	43	53	(10)	- The unfavorable variance is attributable to the timing of AIC projects.

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

	<u>Variance Month-to-Date</u>		
	<u>Favorable Items</u>	<u>Unfavorable Items</u>	<u>Budget to Actual Variance</u>
<u>MTD NET INCOME (LOSS): \$406</u>	\$ 99	\$ -	\$ 99
<u>MTD GROSS MARGIN VARIANCE</u>			
Potable Revenues	-	(481)	(481)
Recycled Revenues	138	-	138
Other Revenue	-	(38)	(38)
Water Supply Expense	356	-	356
Total	<u>495</u>	<u>\$ (519)</u>	<u>\$ (24)</u>
<u>FYTD O&M AND OTHER VARIANCES</u>			
Potable O&M	22	-	22
Recycled Water O&M	37	-	37
Allocated O&M	56	-	56
Depreciation Expense	5	-	5
All Other	2	-	2
Total	<u>\$ 124</u>	<u>\$ -</u>	<u>\$ 124</u>

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

	Jul-24	Jun-24	Mar-24	Dec-23	Sep-23	Jun-23	Jun-22	Recommended Reserves		Minimum Reserves
								Low	High	
Cash and Investments										
General Operating Reserves	\$ 18,128 ^(d)	\$ 19,184	\$ 15,929	\$ 22,597	\$ 25,576	\$ 23,924	\$ 12,759	\$ 18,878	\$ 28,316 ^(b)	\$ 11,327 ^(b)
Capital Reserve Fund	-	-	-	-	-	- ^(b)	2,220	-	-	-
Sub-Total Cash and Investments	18,128	19,184	15,929	22,597	25,576	23,924	14,979	18,878	28,316	11,327
Commitments										
Customer Deposits	(586)	(585)	(677)	(773)	(677)	(511)	(1,052)	-	-	-
Sub-Total Cash and Investments (less Commitments)	17,542	18,599	15,252	21,825	24,899	23,413	13,927	18,878	28,316	11,327
Bond Proceeds										
Bond Proceeds on Deposit with Trustee	6,585	6,545 ^(c)	12,239	13,866	15,962	19,465	23,159			
Total Cash and Investments and Bond Proceeds (less Commitments)	24,127	25,144	27,491	35,690	40,862	42,878	37,086	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.

^(c) Reduction in bond proceeds primarily related to VRDN Investment.

^(d) UAL One-time payment made in July'24 for \$330k