



# Weekly Management Report

## July 5, 2024

- 1. Minutes** Sustainable Burbank Commission Meeting on May 20, 2024  
**Public Works Department**
- 2. Report** BWP May 2024 Operations & April 2024 Financial Report  
**Water and Power Department**



**SUSTAINABLE BURBANK COMMISSION  
MAY 20, 2024, MINUTES**

**I. CALL TO ORDER**

The meeting of the Sustainable Burbank Commission was held in the Community Services Building, 150 N. Third St., on the above date. Chair Victoria Kirschenbaum called the meeting to order at 5:00 p.m.

**II. ROLL CALL**

**Members Present:**

Victoria Kirschenbaum (Chair)  
Robin Gemmill (Vice Chair)  
Kevin O'Brien  
Limor Zimskind  
Alissandra Valdez  
Adrine Der-Tavitian  
Jenny Deahl  
Jared Cavagnuolo

**Members Absent:**

**Council Members, Liaisons, and Staff Present:**

Amber Duran – Recycling Coordinator  
Berenice Quintero – Senior Clerk, Recording Secretary  
Drew Johnstone – Sustainability Officer, Burbank Water & Power (BWP)  
Michelle Hoffmann – Senior Administrative Analyst, Burbank Recycle Center  
Nikki Perez – City Council Member  
Tamala Takahashi – City Council Member

**III. ORAL COMMUNICATIONS** (Limited to items on the printed agenda or items regarding the business of the Sustainable Burbank Commission. The Commission has adopted rules to limit oral communications to 3 minutes; however, the Commission reserves the right to shorten this time period.)

**A. Public Communication**

No public comment was made.

**B. Commission Member Communication**

Commissioner Jenny Deahl stated she attended the Drought Tolerance Stakeholder meeting and met with the director of the program and Burbank Water & Power (BWP) staff, Drew Johnstone.

Chair Kirschenbaum stated she attended a flower farm tour, Westwood greenway tour and Earth Day events.

**C. Staff Communication**

Amber Duran informed that John Molinar could not attend the meeting, and introduced Burbank Recycle Center Staff Michelle Hoffmann.

Drew Johnstone announced that BWP has hired a new General Manager and that he will be providing an update to the Commission at an upcoming meeting on greenhouse gas reduction plan (GGRP).

**IV. APPROVAL OF MINUTES**

Ms. Zimskind moved, and Mr. O'Brien seconded a motion to approve the April 15, 2024, draft minutes. The motion was approved by Ms. Gemmill, Mr. Cavagnuolo, Ms. Deahl, Ms. Valdez, Ms. Der-Tavitian, and Ms. Kirschenbaum.

**V. PROTOCOL FOR COMMUNICATIONS**

Amber provided information to the Commission on the protocols of communicating with City staff and City Council. She also reminded the Commission that no more than four members could participate in a single subcommittee.

**VI. LETTER TO COUNCIL ON THE COMMISSION'S POSITION ON THE BUS RAPID TRANSIT**

Ms. Kirschenbaum moved, and Ms. Deahl seconded a motion to approve the letter to Council on the Commission's position on the bus rapid transit, with changes (attachment 1). All present approved.

**VII. LETTER TO COUNCIL REQUESTING SUPPORT AND BUDGET FOR AN EARTH DAY EVENT**

The Commission discussed the letter (attachment 2) and drafted a new letter (attachment 3) to City Council requesting a budget. Ms. Zimskind moved, and Mr. Cavagnuolo seconded a motion to approve the drafted letter as read. All present approved. Ms. Zimskind moved, and Mr. Cavagnuolo seconded a motion to approve that Ms. Kirschenbaum speak to Council as Chair at the May 21, 2024, and June 4, 2024, City Council meeting. All present approved.

**VIII. AD HOC WASTE REDUCTION ORDINANCE IMPLEMENTATION SUBCOMMITTEE**

Amber provided an update on outreach to businesses regarding the waste reduction ordinance. She also informed that there would be an email blast to businesses in June.

**IX. AD HOC GREENHOUSE GAS REDUCTION PLAN IMPLEMENTATION SUBCOMMITTEE**

Ms. Kirschenbaum announced that all Aleppo pine trees will be removed. She also announced that she attended the Burbank Airport Commission meeting and the Burbank Reclamation Plant tour and provided updates.

**X. AD HOC BURBANK HABITAT RESTORATION SUBCOMMITTEE**

The subcommittee met to discuss the upcoming presentations on electrical equipment and the urban forest.

**XI. AD HOC OUTREACH SUBCOMMITTEE**

Ms. Kirschenbaum announced that she tabled at the Burbank Transportation Management Organization (PTMO). Ms. Valdez asked staff about the Commission having Youth Board representatives. The subcommittee discussed new award ideas for landscaping and gardening.

**XII. DISCUSS UPCOMING SUSTAINABILITY RELATED COUNCIL AGENDA ITEMS**

1. Proposed Fiscal Year 2024-25 Budget – Review (May 21, 2024)
2. Proposed Fiscal Year 2024-25 Budget – Adoption (June 4, 2024)
3. Sustainable Burbank Commission Vacancy – Appointment to Fill (June 4, 2024)
4. Media District Specific Plan Update – Discussion (June 4, 2024)

**XIII. INTRODUCTION OF ADDITIONAL AGENDA ITEMS**

**FUTURE AGENDA ITEMS**

- GGRP Update (Community Development Department) (TBD)
- Urban Forestry Plan Presentation by Parks and Recreation (TBD)
- Media District Specific Plan Update (June 24, 2024)
- Greenhouse Gas Reduction Plan Annual Report and Inventory Update (July 15, 2024)
- Presentation from Parks and Recreation on Urban Forestry, Habitat Restoration and Electrification of Landscape Equipment (July 15, 2024)

**XIV. ADJOURNMENT**

The meeting was adjourned at 6:37 p.m. The next meeting will be held on Monday, June 24, 2024, at 5:00 p.m. at the Community Services Building, Room 104.

Respectfully submitted,

John Molinar, Assistant Public Works Director - Street & Waste Management  
JM: ad

## Attachment 1

May 20, 2024

**TO:** Honorable Mayor and City Council  
**FROM:** Sustainable Burbank Commission  
**SUBJECT:** BRT Designated Lanes and Olive Avenue Bridge

The Sustainable Burbank Commission recommends that Burbank City Council support the Metro proposal for dedicated lanes on Olive Avenue to accommodate the new rapid bus transit (BRT) line. To attract and maintain ridership, the BRT needs to be as safe and efficient as possible. Car travel on Olive Avenue is estimated to be delayed by less than two minutes with the installation of designated bus lanes. Very little parking will be lost as the lane replaces a traffic lane and not parking.

In addition, the Sustainable Burbank Commission recommends the creation of a BRT station on the Olive Avenue Bridge that will enable the city to get funding it has long sought to rebuild the bridge. The bridge urgently needs a safe pedestrian walkway and improved connection to the train station and Burbank Bus Pink Line stop below. A recent visit by a Commissioner found the elevator to be out-of-service and generally in disrepair. A BRT station would position the bridge as a regional transit hub connecting the BRT to Metrolink, making the bridge eligible for county, state and federal funding.

## Attachment 2

May 20, 2024

**TO:** Honorable Mayor and City Council  
**FROM:** Sustainable Burbank Commission  
**SUBJECT:** 2025 Earth Day Budget Request

Given the success of two community supported 2024 Earth Day events, one by the Burbank Eco Council and the other by an SBC/Burbank Community Garden partnership, organized and funded by volunteers, SBC recommends that city funds be allocated for an annual community-driven celebration of Earth Day. SBC recommends funds in the amount of \$12,000.

SBC received a letter from the Burbank Eco Council (BEC) detailing their expenses which included insurance, equipment and setup rentals, permit fees, marketing and advertising, signage, and service vendor fees. SBC expenses included environmental project supplies, refreshments, and promotional materials. A scramble for donations and support was successful, but cannot be relied upon for future events.

To quote BEC, "We believe this event should...highlight our environmental efforts, create momentum in the environmental dialogue, and demonstrate our commitment and leadership in addressing climate change. We envision the event being resource-positive and inclusive....a landmark event that increases awareness, consciousness, and attendance in the years to come."

BEC and SBC both offer their expertise and resources. Planning for Earth Day 2025 needs to begin no later than July of 2024.

## Attachment 3

May 20, 2024

**TO:** Honorable Mayor and City Council  
**FROM:** Sustainable Burbank Commission  
**SUBJECT:** FY24-25 Budget Request

The Sustainable Burbank Commission in recent years has taken a more active role in community engagement and participation. And we've had much success with our 2023 and 2024 Earth Day events, and our three Go Green Community Forums to educate the community about sustainability issues. Unfortunately, our Commissioners have been bearing the burden of covering the costs of these events. To relieve Commissioners who are volunteers from shouldering these costs, and to institutionalize these events, we are requesting that Burbank City Council provide the Commission with an annual budget of \$15,000.

These funds would be used for event expenses that include, but are not limited to: registration, insurance, equipment and setup rentals, permit fees, marketing and advertising, signage and service vendor fees. The funds would also be used to partner with and support other local organizations' sustainability efforts, such as: Burbank Eco Council, Burbank Community Garden, Monarch Mile, Sierra Club Verdugo Chapter, Burbank Electrification Coalition, and Master Gardeners.

We recognize that there is precedent with other Commissions in Burbank having an annual budget to support their work and see this funding as critical to supporting our efforts in the community. To quote Burbank Eco Council, this funding would help us "highlight our environmental efforts, create momentum in the environmental dialogue, and demonstrate our commitment and leadership in addressing climate change."





# STAFF REPORT



## WATER AND POWER

**DATE:** July 4, 2024

**TO:** Burbank Water and Power Board

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

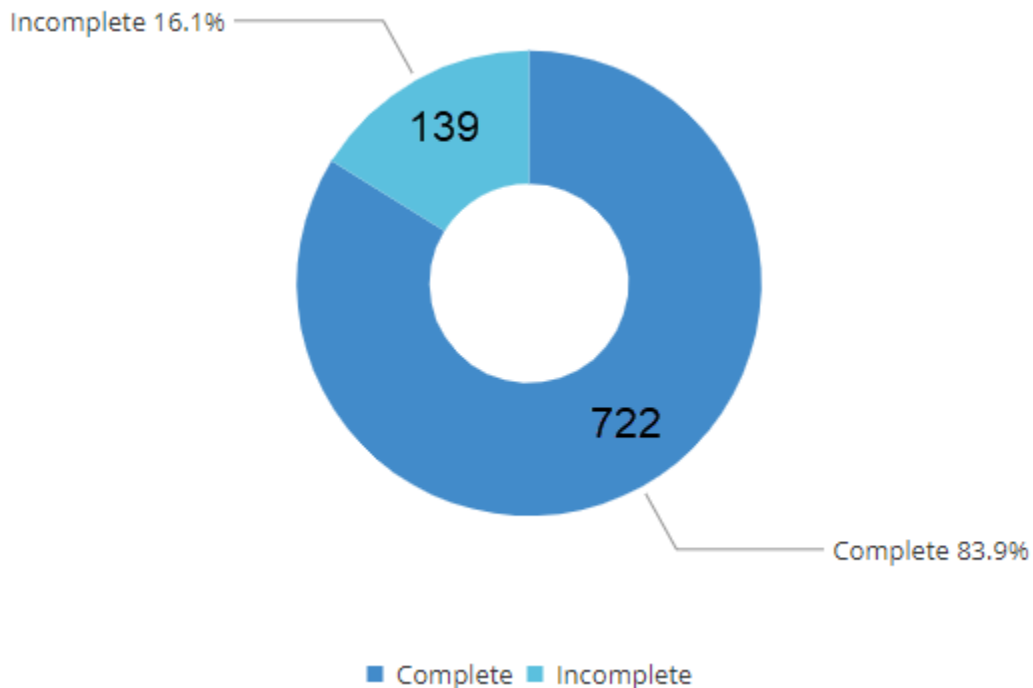
**SUBJECT:** **May 2024** Operating Results

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

### SAFETY

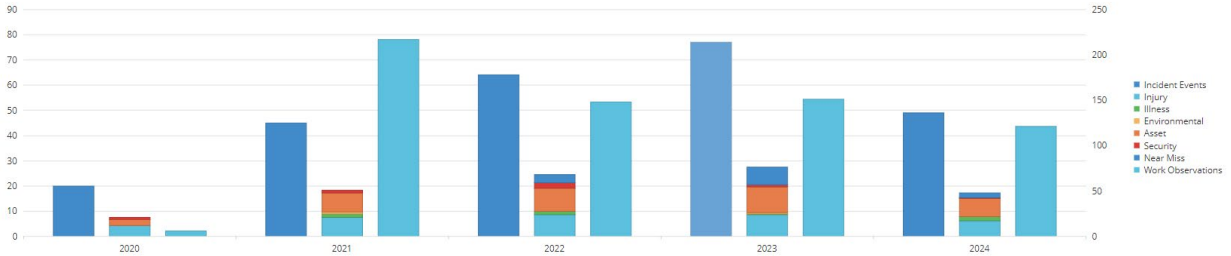
#### **Corrective & Preventative Action Items (May 2019 – Present) (85% Goal):**

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 **83.9%** 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 169 EHS-related reports to count towards the 2024 annual goal of 250.

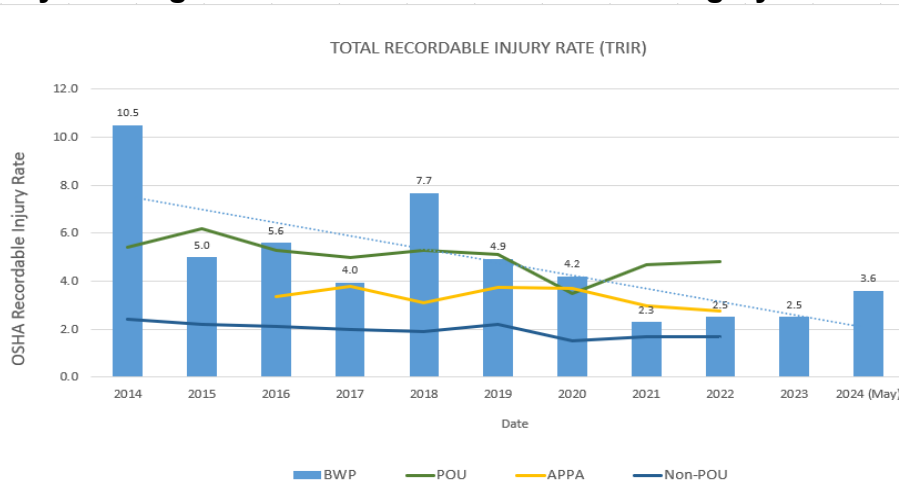


Year	Incident Event	Consequences						Work Observations
		Injury	Illness	Environmental	Asset	Security	Near Miss	
2020	20	12	0	0	7	2	0	6
2021	45	21	4	2	21	3	0	217
2022	64	24	4	0	25	6	9	148
2023	77	24	1	1	29	2	19	151
2024	49	17	5	0	20	1	5	121
<b>Total</b>	<b>255</b>	<b>98</b>	<b>14</b>	<b>3</b>	<b>102</b>	<b>14</b>	<b>33</b>	<b>643</b>

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

In May 2024, BWP had two (2) recordable injuries. BWP’s 12-month rolling average OSHA total recordable incident rate is 3.6.

- Employee received a steroid prescription for a bug bite.
- Employee received a tear to the tendon of the right arm bicep while pushing materials in the bed of a truck during the cleanup process. The employee is currently working with restrictions but will need surgery.



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**

In **April**, energy demand was 8% lower than budget. A net loss of **\$2,795,000** was anticipated in the budget for **April**. The actual net loss was **\$1,969,000**. While a net loss, this was better than the budget by **\$826,000**. The favorable variance was primarily attributed to lower than planned power supply and transmission expenses.

Fiscal-year-to-date (FYTD) energy demand was 7% lower than budget. For FYTD **April**, net income was **\$13,668,000**, which was **\$31,818,000** more than budgeted. The budget anticipated a net loss of **\$18,149,000** for the period of July 1, 2023, through **April 30**, 2024. 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**

In **April**, potable water demand was **17%** lower than budget. Burbank remains in Stage III of the Sustainable Water Use Ordinance, which limits outdoor watering to two days a week on **Tuesday and Saturday** from April to October. A net loss of **\$353,000** was anticipated in the budget for **April**. The actual loss was **\$162,000**. While a net loss, this was better than the budget by **\$191,000**. The favorable variance was primarily attributed to lower than planned operating expenses, lower than planned water supply expenses, and higher than planned interest income, offset partially by lower than planned operating revenues.

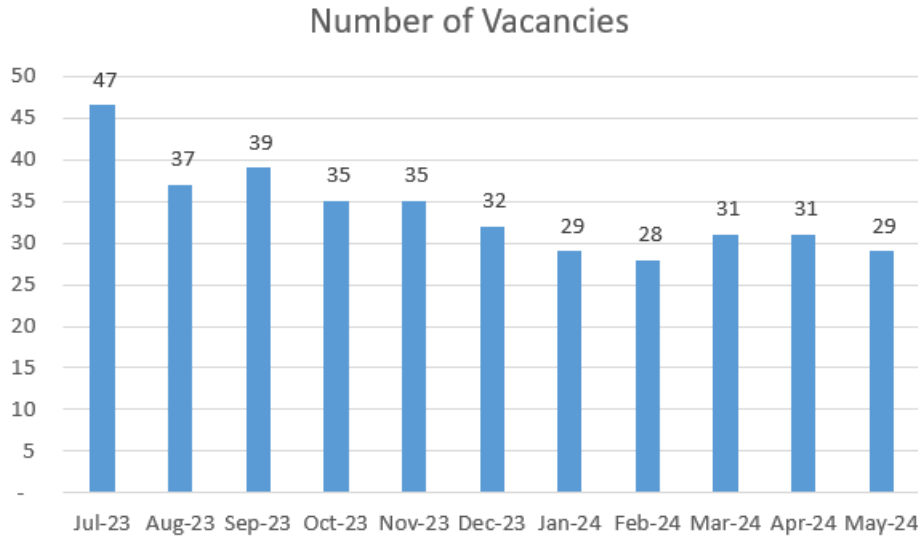
FYTD potable water demand was **11%** lower than the budget. For FYTD, **April's** net income was **\$2,074,000**, which was **\$3,844,000** better than budgeted. The budget anticipated a net loss of **\$1,771,000** for the period of July 1, 2023, through **April 30**, 2024. The favorable variance was 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 **May 2024**, **8.1%** of the budgeted positions were vacant, down from 13.1% at the beginning of the fiscal year. The Management Services Department (MSD) has worked hard over the past year to address the vacancies. Some vacancies have remained open because we are limited to specific apprentice class sizes. With MWD and LADWP hiring craft employees at higher wages than we pay, we continue to see some attrition there.

**Vacancies**

Total Budgeted Positions	356
Total Positions Filled	<b>327</b>
Total Positions Vacant	<b>29</b>



**WATER DIVISION**

**Burbank’s Water Use**

The table below shows water use in Burbank during **May 2024** compared to **May 2020**, measured in gallons per capita per day (gpcd). Similar to the past two years, the baseline year of 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
<b>May 2020</b>	<b>141 gpcd</b>
<b>May 2024</b>	<b>121 gpcd</b>

	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	<u>May 2024</u>
<u>2020</u>	141	149	157	162	159	153	136	132	125	126	104	112	<u>141</u>
<u>Goal</u>	119	127	134	138	135	130	116	112	106	107	88	95	<u>119</u>
<u>Actual</u>	114	115	134	134	126	125	119	109	103	96	103	105	<u>121</u>
<u>% Diff.</u>	-19.2%	-22.8%	-14.7%	-17.4%	-20.5%	-18.3%	-12.7%	-17.5%	-17.6%	-26.2%	-0.8%	-6.7%	<u>-13.9%</u>

Water use, in terms of gpcd, during **May 2024** was **13.9%** less than the **May 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 operational data for the BOU for the months of **June 2023** through **May 2024**.

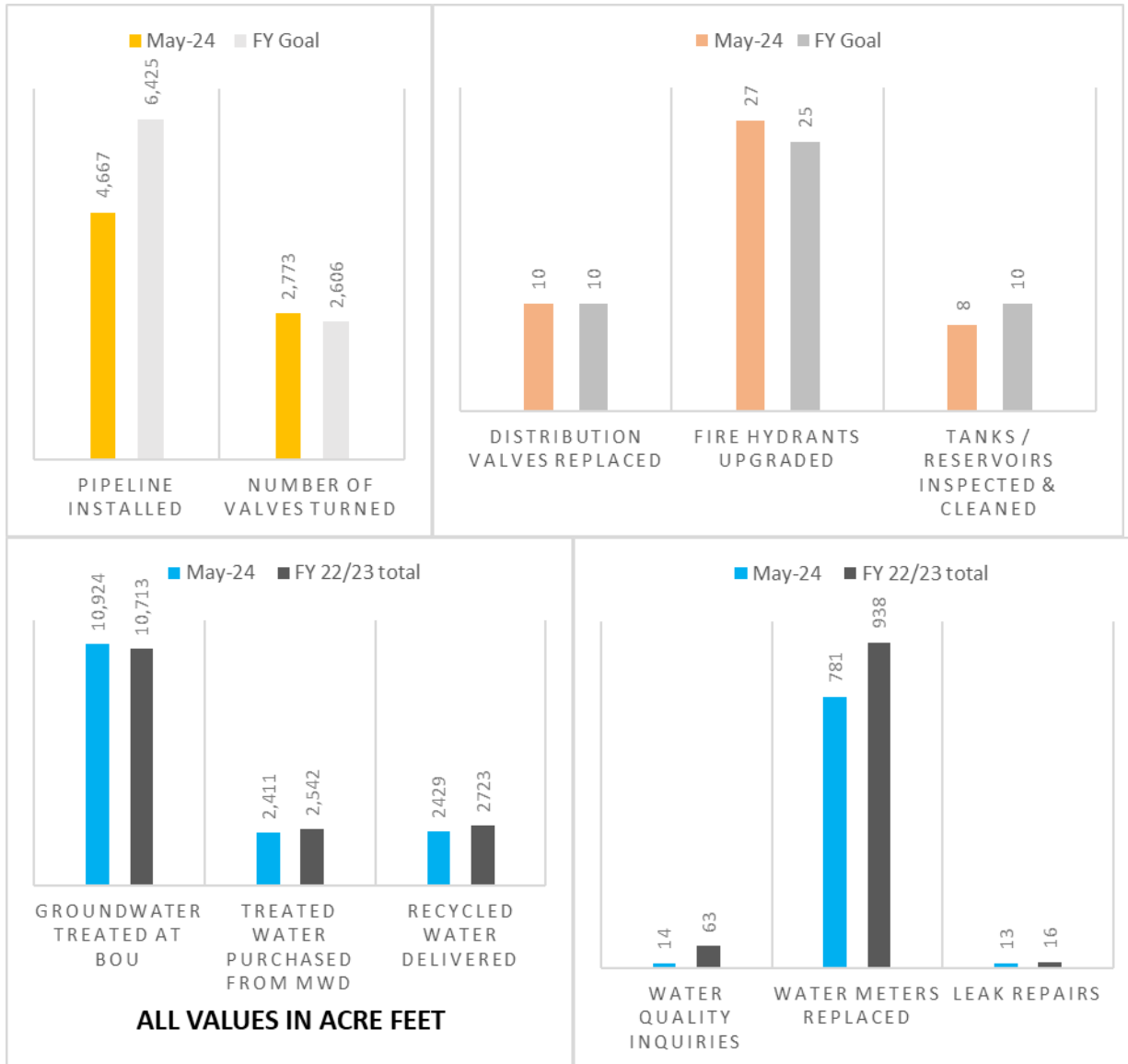
Month	BOU Capacity Factor	BOU Ave. Flow Rate	Total System Blend % MWD/BOU
23-Jun	80.69%	7,262gpm	13%/87%
23-Jul	80.13%	7,212 gpm	25%/75%
23-Aug	76.75%	6,908 gpm	27%/73%
23-Sep	85.32%	7,679 gpm	16%/84%
23-Oct	89.06%	8,015 gpm	11%/89%
23-Nov	83.27%	7,494 gpm	13%/87%
23-Dec	86.03%	7,743 gpm	18%/82%
24-Jan	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%
<i>Ave Blend %-last 12-months</i>			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.

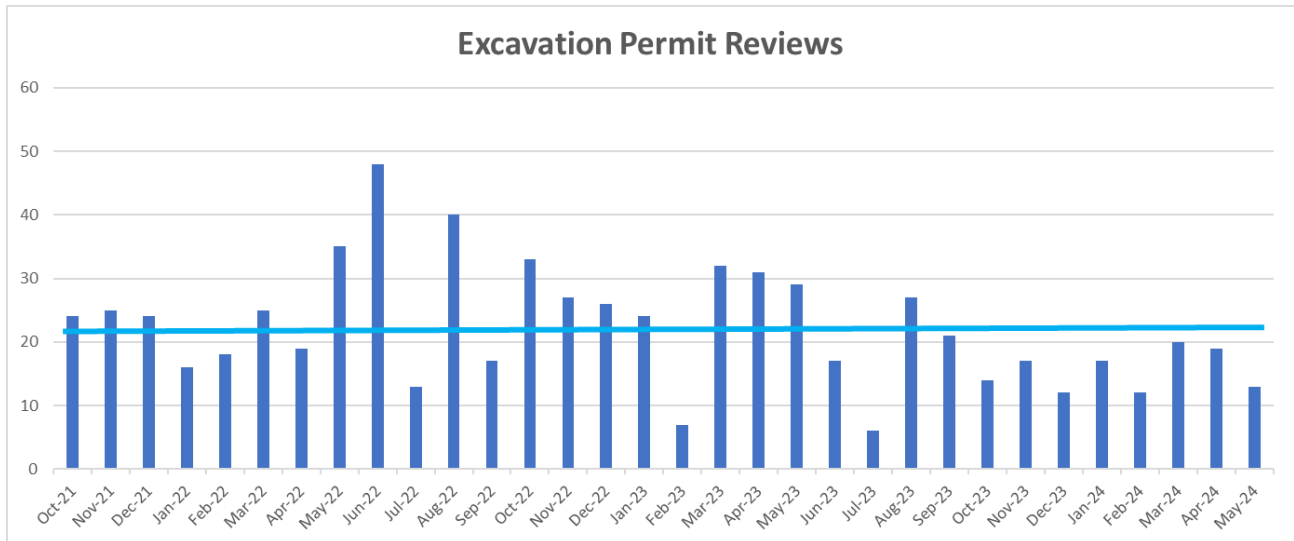
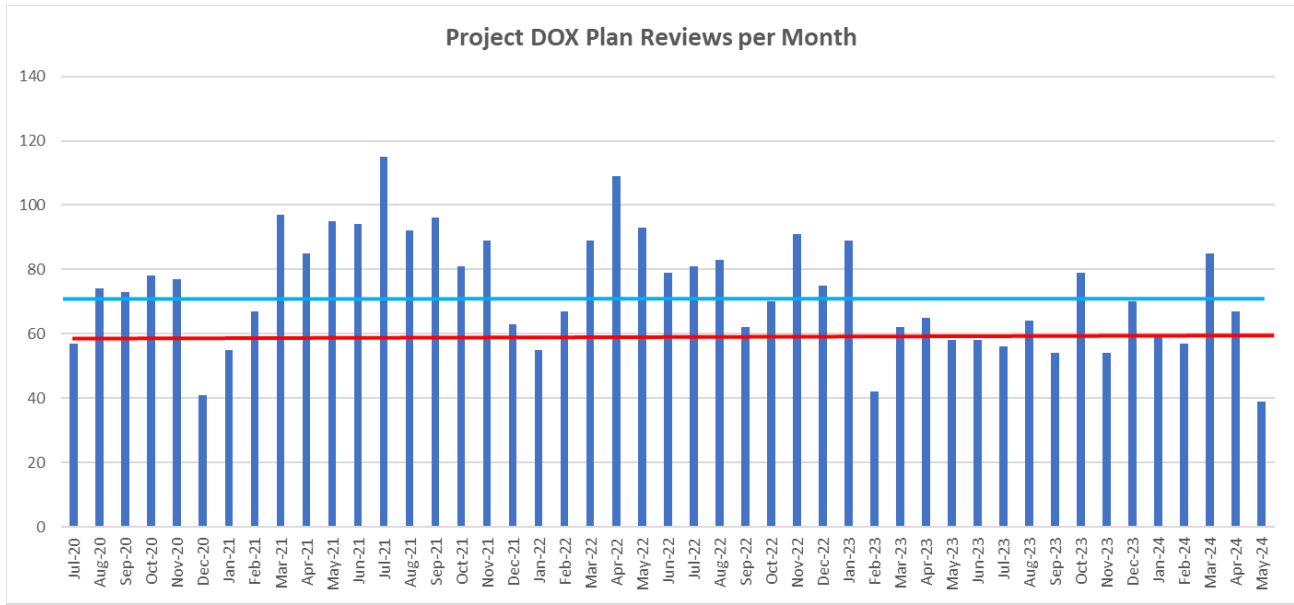
**Key Performance Indicators**

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



**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 May 2024 was 39, less than the prior month's 67, and the number of excavation permit reviews decreased from 19 in April 2024 to 13 in May 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 right-of-way for projects done by utilities such as gas, electric, fiber optic, water, storm drains, and sewers.

**Leak Alert Notifications**

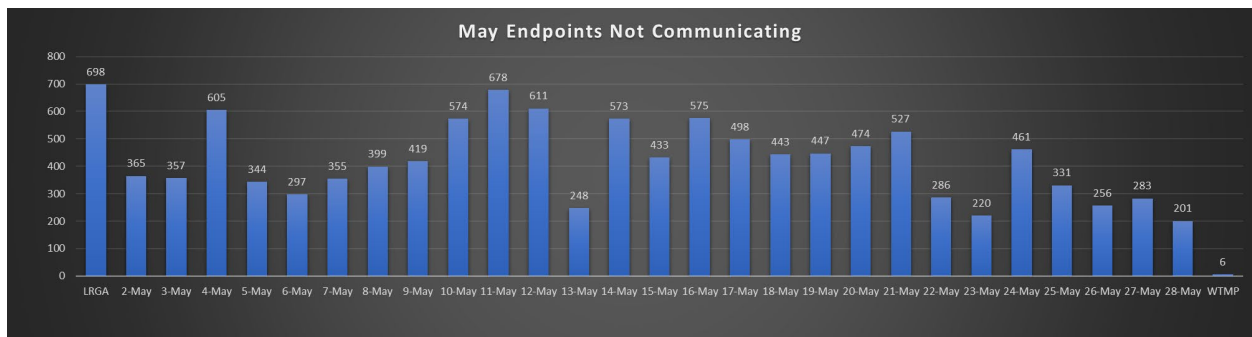
In 2009, BWP began installing an automated metering infrastructure (AMI) system by Itron. The full deployment of the system (approximately 26,000 endpoints for water) was completed in 2011.



The benefits of AMI technology are that it allows data to be collected rapidly and frequently, can be analyzed to find higher than normal usage, and can alert customers of leaks.

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. In **May 2024**, WaterSmart sent out **706** notifications to customers, including **604** email leak alerts, **84** print leak alerts, **11** text message leak alerts, and **7** voice alerts.

Unfortunately, many water meter communication modules are not working reliably, and replacement units are no longer manufactured. As of **May 31, 2024**, BWP could not receive remote reads for **11,964** water meters out of **26,939 (44% of the total)** due to failing communication modules, which had to be read manually.



In March 2021, staff deployed an interim automatic meter reading (AMR) system to read meters with failed communication modules. However, the interim AMR system does not automatically send data back to BWP. Instead, the meters are read once each month, and customers with broken communication modules are not able to receive leak alerts.

BWP notified customers who participated in the leak alert program that the failure of these communication modules prevents the sending of leak alert notifications. Due to the continuing failures, BWP continually notifies the affected customers that they are vulnerable to unnoticed leaks causing water damage and bills that could reach thousands of dollars as well as unnecessary and significant water waste.

The remaining schedule for the AMI project is provided below:

- May 2024 – Completion of Alpha Phase Testing
- July 2024 – Completion of Beta Phase Testing
- July 2024 to May 2025 – Full Deployment
- July 2025 – Project Closeout

**The following tasks have been completed in support of the project:**

- An updated propagation study has been completed and two additional base stations will be required. A site plan for the additional two base stations is currently under review.
- Ten water transmitters were installed on April 16<sup>th</sup> to establish meter data traffic on the head end system (HES) and establish work processes, the estimated level of effort, the number of transmitters, and the locations for installation by staff. All units are successfully reporting on the network and presenting data in the HES, referred to as the Regional Network Interface (RNI)
- Concord Utilities, the installation subcontractor, is working with MeterSYS on the setup of the fieldwork order management system (Peak Workflow).
- Staging plans for Concord are being finalized. The Right of Entry Agreement is being finalized and mobilization is expected to be completed by June 28<sup>th</sup> in order to be prepared for Beta installations to begin in early July.
- An additional shipment of 4,600-meter box lids has been received.

**Burbank’s Path to Sustainable Water Use**

We continue to amplify the water conservation message through all marketing communication channels; **even though we have had a wet winter, we aim to encourage water savings regardless of the current water status and ensure compliance with the City water ordinance. Water use has declined by 17% 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.

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

**Note: No notices were sent in May from AMI data.**

<b>Actions on Non-Compliant Accounts (Data from Observations)</b>					
<b>Total</b>	<b>Educational Material</b>	<b>1<sup>st</sup> Notice</b>	<b>2<sup>nd</sup> Notice</b>	<b>Citation # 1</b>	<b>Citation # 2</b>
<b>FY 23-24</b>	<b>92</b>	<b>130</b>	<b>12</b>	<b>4</b>	<b>None</b>

## **Project Updates**

### **Orange Grove: Kenneth to Bel Aire.:**

This capital improvement project (CIP) is an essential part of the water master plan that outlines what needs to be done to improve the reliability of our water distribution system. Our construction crew is installing this 1100-foot section of 8” ductile iron water main that will replace the existing 4” steel water main located in the alley that was installed in 1929. The master plan targets the removal of these smaller pipes to be replaced with our standard 8” pipes in residential zones to improve fire flow and meet increased water demand.

These essential workers are always in the public eye and are the front lines of our public relations and messaging program.





## ELECTRIC DISTRIBUTION

### Electric Reliability

In **May 2024**, Burbank Water and Power (BWP) experienced **two** sustained feeder outages. In the past 12 months, automatic reclosing has reduced customer outage time by approximately **1,008,439** customer minutes.

<b>Reliability Measurement</b>	<b>June 2022 – May 2023</b>	<b>June 2023 – May 2024</b>
Average Outages Per Customer Per Year (SAIFI)	<b>0.3750</b>	<b>0.2985</b>
Average Outage Time Experienced Per Year (SAIDI)	<b>11.12 minutes</b>	<b>23.45 minutes</b>
Average Restoration Time (CAIDI)	<b>29.64 minutes</b>	<b>78.56 minutes</b>
Average Service Availability	99.998%	99.996%
Average Momentary Outages Per Customer Per Year (MAIFI)	<b>0.1935</b>	<b>0.2409</b>
No. of Sustained Feeder Outages	<b>12</b>	<b>27</b>
No. of Sustained Outages by Mylar Balloons	0	4
No. of Sustained Outages by Animals	0	1
No. of Sustained Outages by Palm Fronds	2	<b>5</b>

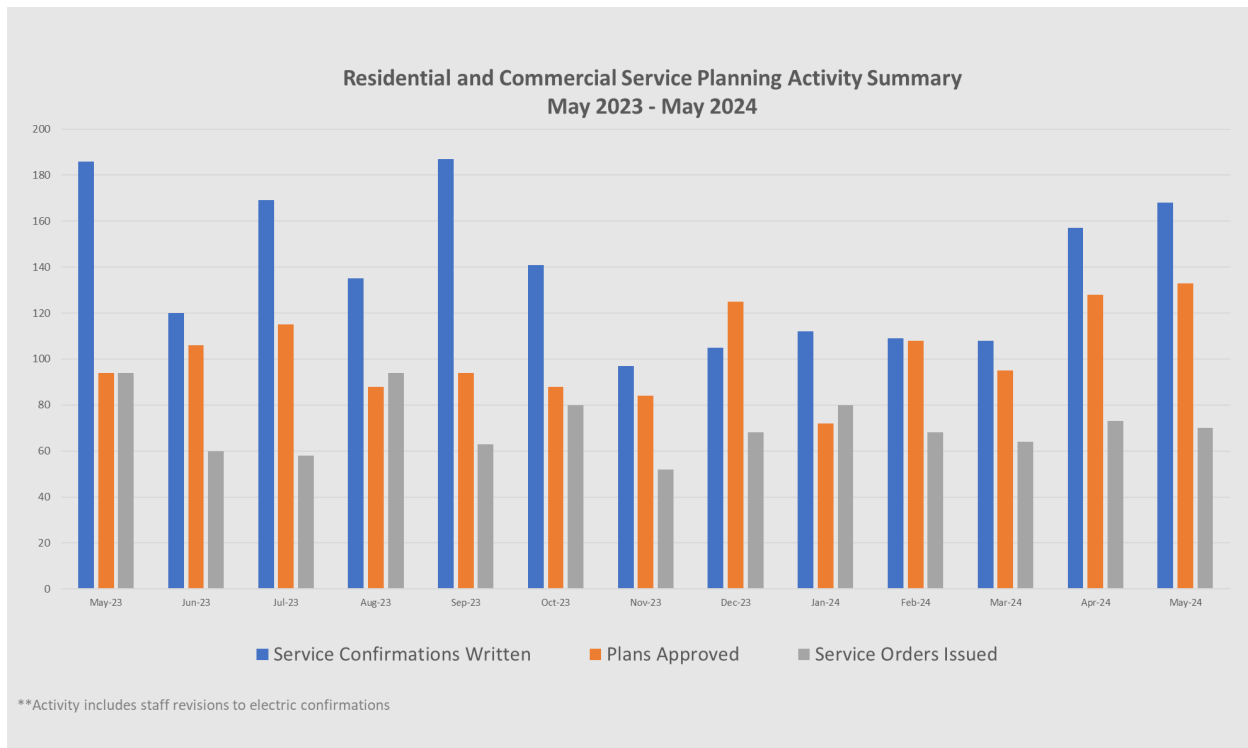
## Supply Chain

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. In order 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 carry out the inspections and electrical service work. The graph below summarizes the monthly activity for our residential and commercial service planning group within the T&D engineering section.



**34kV Hollywood-Capon 2 Sub-Transmission Line Protection Relays Replacement**  
BWP started a program to upgrade several sub-transmission line protection relays manufactured by General Electric (GE). These GE line relays have now reached the end of their expected life and exhibit issues associated with power supply, CPU, and display failures. In one instance, a power supply failure caused a nuisance trip of a sub-transmission line. To maintain the electric system's reliability, BWP will replace these aging line relays with BWP's current standard line relays, which were identified and included in BWP's capital improvement plan.

BWP completed the Hollywood-Capon Line 2 Relay Upgrade at Hollywood Way and Capon Substations in May 2024. So far, BWP has completed two 34kV line relay upgrades and will complete the rest of the upcoming fiscal years. Pictures of the protective relay panels at the Capon Substation are shown below.



**Before Installation (Old Relay)**



**After Installation (New Relay)**

## **STREET LIGHTING**

### **LED Replacement Program**

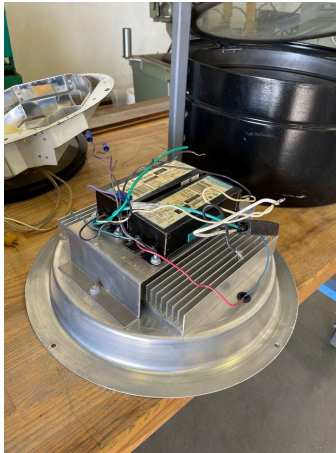
In accordance with the Street Lighting Master Plan, BWP is replacing high-pressure sodium (HPS) street light luminaires with light-emitting diodes (LED) luminaires. Replacement is carried out on a maintenance basis, and LEDs are installed as the HPS luminaires burn out. LED replacements consume approximately 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 **5,401 MWh** or a **58.28%** 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. Over the last 2 months, BWP has converted 95 decorative lights to LED with 403 remaining for

conversion. The images below show some proposed solutions for converting our decorative lights.



Keystone LED Bulb

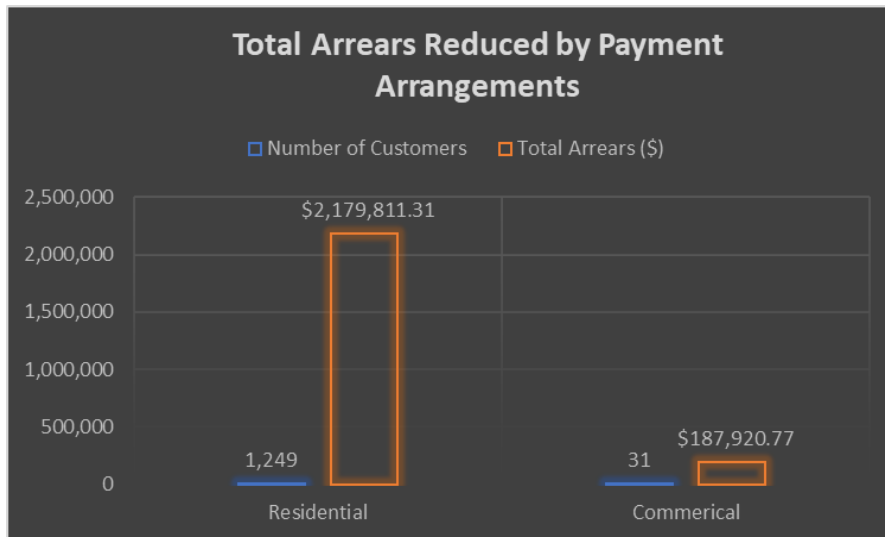


3-Ring Halo LED

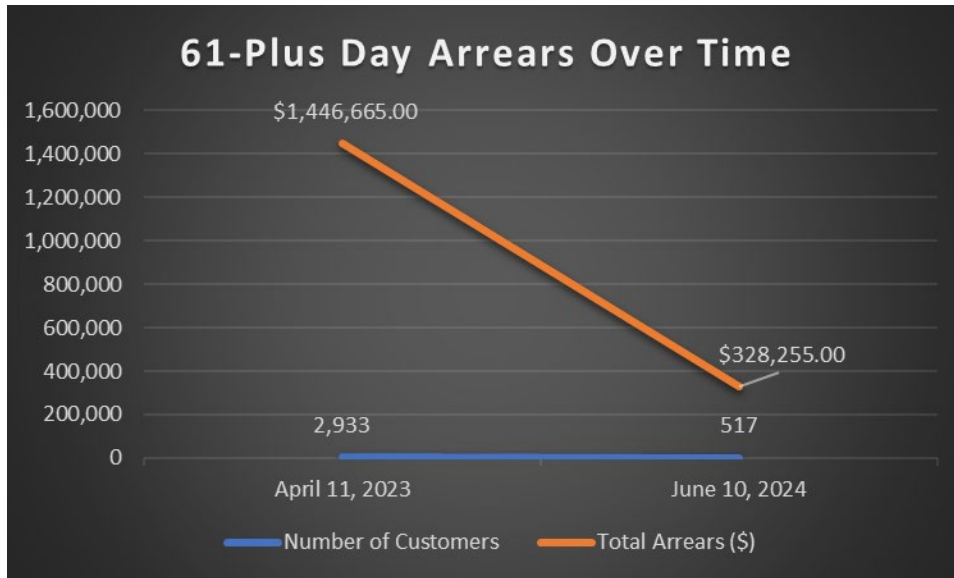


Driver and Housing

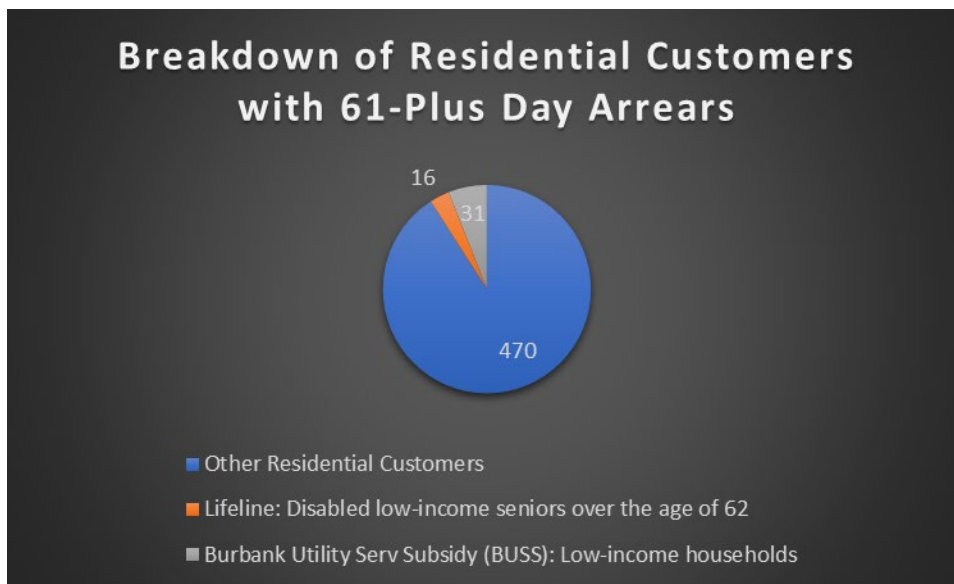
### CUSTOMER SERVICE OPERATIONS



As of June 15, 2024, 1,280 customers had an active payment arrangement, reducing arrears by \$2,367,732.08. The above chart reflects the total arrears reduced by residential and commercial customer arrangements. BWP will continue encouraging payment arrangements to help our customers manage their outstanding arrears.



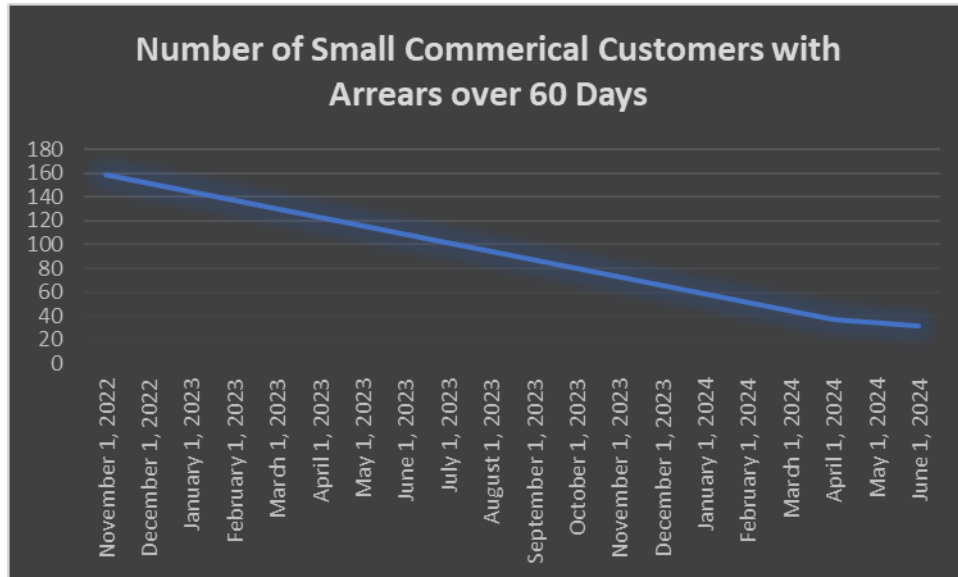
Since BWP restarted disconnections for residential customers on April 1, 2023, there has been **\$328,255**, a **77%** reduction in residential past-due balances beyond 60 days. On April 11, 2023, there were 2,933 residential customers with past-due balances beyond 60 days. As of **June 10, 2024**, there are **517** residential customers with at least 60-plus days of arrears. Of these **517** residential customers, **16** receive the Lifeline rate for low-income seniors over the age of 62 and disabled customers, and **31** customers receive the Burbank Utility Service Subsidy (BUSS). The chart below reflects the breakdown of residential customers with 61-plus day arrears.



Staff continues to call these customers to establish payment arrangements. Staff personally calls each Lifeline and BUSS customer before they are scheduled for disconnection and leaves a hang tag at the customer's door advising them to contact us to avoid disconnection. By taking these additional steps, customers have either made



payments or established payment arrangements, avoiding disconnection. As of **June 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 has fallen from 160 on September 2022, when City Council approved restarting disconnections on small commercial accounts, to 38 as of June 15, 2024.

**Outstanding Debt**

As of **June 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	1,164,443	148,813	228,428	1,541,684	70%
Water Service	130,541	16,854	57,262	204,657	9%
Fiber Optic Service	103,918	8,529	4,016	116,463	5%
Sewer Service	102,474	24,197	47,886	174,556	8%
Solid Waste Service	101,572	23,206	51,824	176,602	8%
General Service	849	102	205	1,157	0%
Miscellaneous Service	0	0	18	18	0%
<b>Grand Total</b>	<b>1,603,798</b>	<b>221,701</b>	<b>389,638</b>	<b>2,215,138</b>	<b>100%</b>

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 **\$2,215,138**.

## **BWP Call Center Call Types & Volume**

<b>Customer Contact Types</b>	<b>% of Calls</b>
START/STOP/CLEAN & SHOW	<b>19%</b>
BALANCE	<b>18%</b>
PAYMENT ARRANGEMENT	<b>7%</b>
ELECTRIC TROUBLE CALL/FIELD ACTIVITY	<b>5%</b>
UPDATE CUST ACCOUNT INFO	<b>5%</b>

<b>Month</b>	<b>Call Volume</b>
May - 23	3,850
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
<b>MAY-24</b>	<b>3,894</b>
<b>% Inc/APRIL</b>	<b>4%</b>

## **SUSTAINABILITY, MARKETING, AND STRATEGY**

### **Social Media and Web Engagement**

In May, several exciting events helped us add 44 followers to our social media posts. Our most popular posts were:

- **Fire and Police Service Day**
- **Iron Flow Battery Ribbon Cutting**
- **Network Connectivity Issue (Impacted Customer Service)**
- **Public Works Week Appreciation**



We see continued positive responses from the community when we inform them about technical glitches, problems with service, and other happenings at BWP and the City. Our goal is to expand the level of notifications related to service availability and build more stories about ongoing projects at BWP.

The BWP website remains an important resource for customers looking for information on rebates and financial assistance. We added enhanced Cool Rewards and Turf Replacement pages to make it easy for our customers to participate in these programs. We also utilized inbound opportunities, such as the marketing module in Opower’s Home Energy Report, to drive traffic to Cool Rewards.

**Community Outreach**

In May, we continued our targeted customer satisfaction survey to collect additional responses. We also conducted street-level outreach with customers impacted by BWP projects by hand-delivering notification letters to the impacted residential and commercial areas. We will continue with this engagement to ensure customers are aware of BWP activities impacting their neighborhoods.

**Key Account Activity**

The Key Account Manager (KAM) completed 14 in-person meetings and 111 maintenance/discovery calls in **May**.

	Customer in-person meetings	Customer maintenance calls/discovery calls
May 2024	14	111
FY to date	108	575

Customers and topics included:

- **Warner Brothers:**
  - Hosting the utility team for a tour of the MPP
  - Introduction of the utility team to the ESS team at the ribbon-cutting event
  - Confirming LED rebate check was received by the utilities team

- **Reep:**
  - Researching and confirming the Water AMI mobilization in the parking lot behind their building and the egress
- Updated records and accounts with the billing department for the Cyxtera merger (new name is Centersquare)
- **Outreach:**
  - **To the Burbank Association of Realtors (BAOR) regarding rates, rebates and changes. Scheduled a tour of the MPP and Eco-Campus for 6/13**
  - **To customers located on Varney (Aries Beef, Process HQ, Swaner Hardwood, Vic's Trucking) who will be directly affected by the Stormwater Project.**
  - **To 442 customers (including The Pointe, TBS and Providence St Joe's) affected by the repaving associated with the Willow Substation Project directly and through the PIO.**
- **BTMO community bike day event**
- Attended the Leadership Burbank Graduation and board meeting.
- Attended weekly BAOR meetings.
- **Provided data reports and analyses for:**
  - Public Works - peak demand reports for all their meters for the last 12 months.

### **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

BWP's energy efficiency portfolio of programs is cost-effective based on the accepted metrics based on state laws. BWP, along with dozens of other CMUA member utilities, utilize a cloud-based energy efficiency (EE) cost-effectiveness tool and reporting platform from ESPLabs to track and evaluate program performance and to support the development of reports in compliance with annual state and federal reporting requirements. This tool calculates the cost-effectiveness of EE and demand reduction measures and programs and summarizes and reports the related program expenditures and energy savings. The model includes all of the traditional benefit-cost ratio calculation methodologies used industry-wide to evaluate EE resource programs: Total Resource

Cost (TRC), Program Administrator Cost (PAC), Ratepayer Impact (RIM), and Participant Cost Test (PCT), as developed by the CPUC and codified in the California Standard Practice Manual.

Each cost test looks at a different set of costs and benefits. Portfolios must be cost-effective using one of the four cost tests listed above. A portfolio is deemed cost-effective if at least one of the tests is above 1.0. BWP's portfolio has always been greater than 1.0, and that is the case in FY 22-23 as well. FY 23-24 results will be calculated after the end of this fiscal year.

Some of BWP's programs within the portfolio have resulting test values of under one, and some are significantly greater than one, meaning some programs have greater net benefits than others. Residential or low-income programs, for example, have a TRC of less than 1.0, but they are implemented because they provide value to the residential sector and address equity issues. However, when calculated as a portfolio, BWP's program portfolio in FY 2022-2023 was 2.8, meaning that the portfolio was cost-effective.

<b>BWP Program (FY 22-23)</b>	<b>TRC Test Result</b>	<b>PCT Test Result</b>	<b>RIM Test Result</b>	<b>PAC Test Result</b>
Business Rebates	7.0	8.4	1.2	14.5
Business Bucks	1.6	2.2	0.8	2.1
Shade Tree Program	4.2	4.6	1.1	4.2
Energy Education Student Program	1.9	4.3	0.5	1.9
Home Improvement Program	0.4	1.4	0.4	0.5
Home Rewards Program	0.4	0.3	1.3	4.5
Home Energy Reports	0.3	0.7	0.5	20.6
Refrigerator Exchange Program	0.2	1.3	0.2	0.2
AC Replace it Before it Breaks	0.2	0.2	1.1	2.3
LED Streetlight Project	3.7	3.6	1.2	13.8
<b>Energy Efficiency Portfolio Subtotal</b>	<b>2.8</b>	<b>2.9</b>	<b>1.1</b>	<b>7.3</b>

**Business Rebates**

There were **three** business rebate applications processed in **May**

**Budderfly, the operator of two separate Denny's locations and the Outback Steakhouse, received three rebates for refrigeration. The location on Hollywood Way qualified for \$121.60 in rebates and is saving 0.2 kW and 1,216 kWh annually. The location on Alameda qualified for \$99.50 in rebates and is saving 0.01 kW and 995 kWh annually. The location at 1761 N Victory qualified for \$112.60 in rebates, saving 0.13 kilowatts and 1,126 kWh annually.**

	Customers (#)	Energy Savings (annual kWh)	Demand Savings (kW)
May 2024	3	3,337	0.34
FY to date	16	4,485,685	1,210

**Business Bucks**

May’s promotion of the Business Bucks (BB) program for small businesses included an eligible customer eblast campaign focused on customer testimonials. The City Attorney-approved canvassing is expected to commence the second week of June. RHA completed two audits and five installs, totaling 4,285 in kWh and 2 kW saved annually.

	Customer Audits (#)	Customer Installs (#)	Energy Savings (annual kWh)	Demand Savings (kW)
May, 2024	2	5	4,285	2
FY to date	56	69	117,900	44

**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)
May, 2024	38	30,721	16.2	350,610
FY to date	358	328,223	173	3,160,300

**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 May, the program received 14 new requests for trees. This fiscal year to date, 203 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)
May, 2024	12	4,282	2
FY to date	301	57,171	19

### **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
May, 2024	0	0	0	0	0
FY to date	17	1	5	0	4

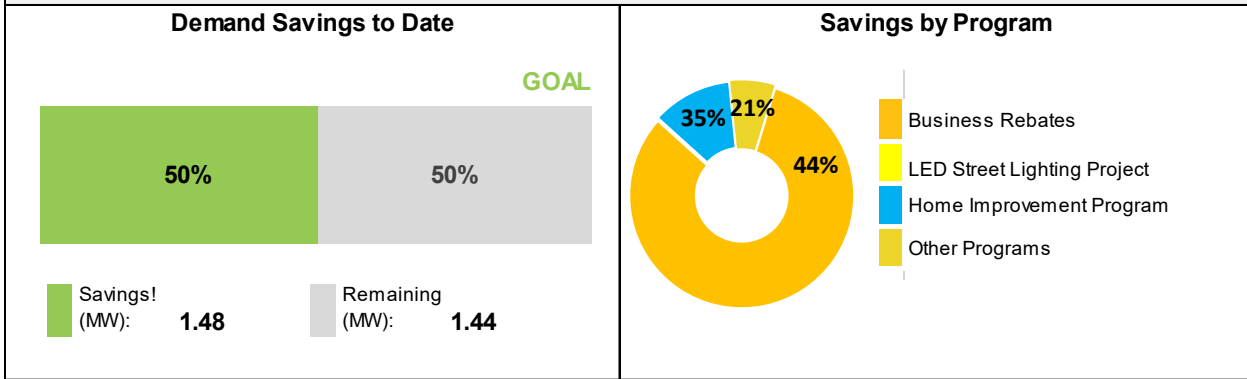
### **Water Conservation Programs**

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.

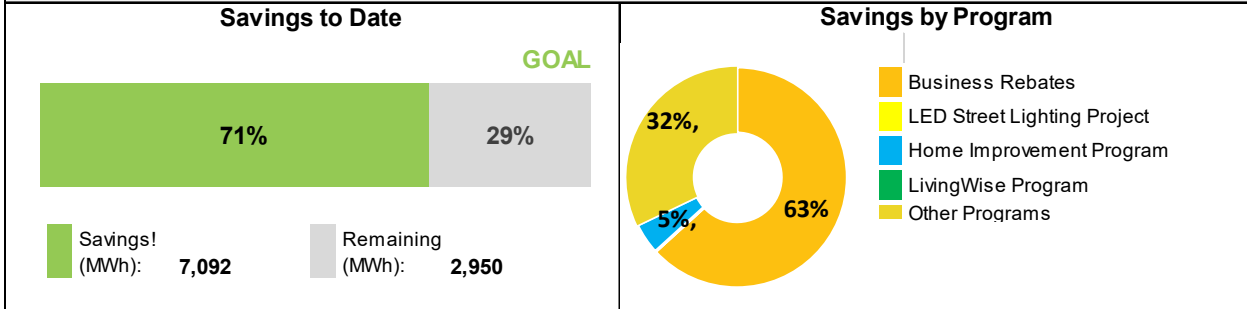
	Turf Replacement (#)	Device Rebates (#)	HIP Measures (#)	Leaks Detected	Water Savings (gallons)
May 2024	2	20	46	2,422	976,884
FY to date	57	233	401	42,283	12,711,899

# Energy Efficiency Savings FYTD 2023-2024 Period ending on 5/31/2024

1% Demand Goal = 2.93 MW

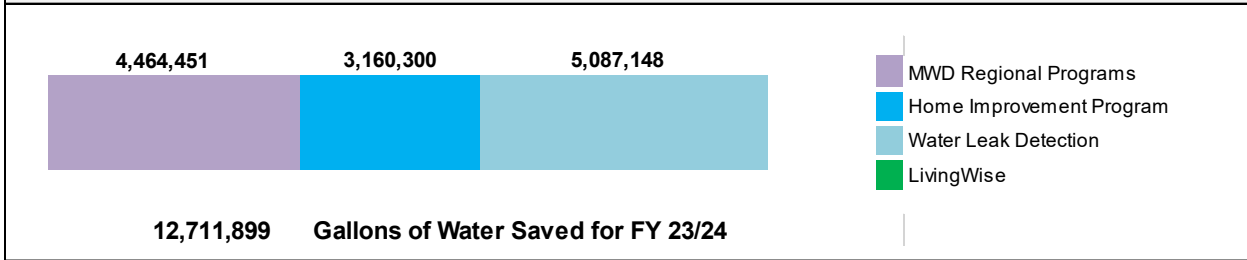


1% Consumption Savings Goal = 10,042 MWh



## Water Efficiency Program Savings

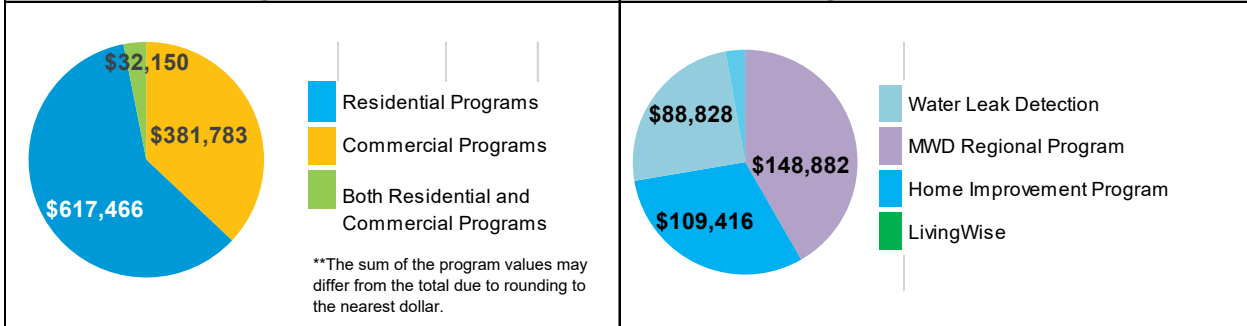
Gallons of Potable Water



## Efficiency Direct Program Costs\* FYTD 2023-2024

\*\*Electric Programs: \$1,353,547

Water Programs: \$357,127



\*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 June 1, the seasonal rates at BWP-owned public charging stations have been updated to the following:

#### **Level 2 stations**

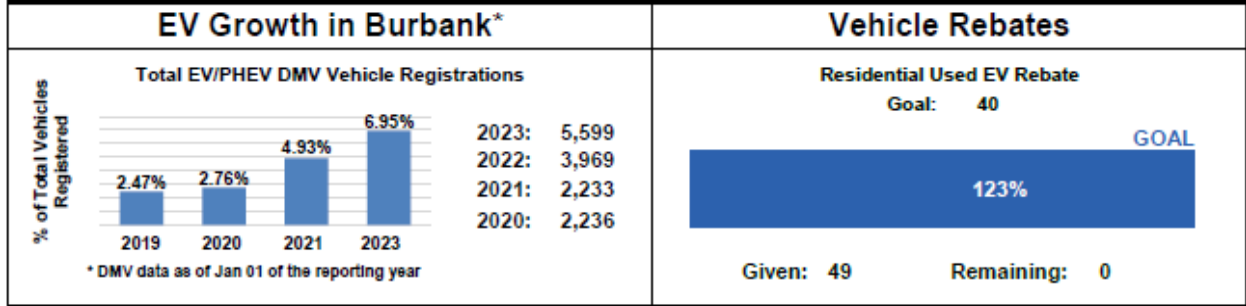
- \$0.3591 per kWh from 4 pm to 7 pm
- \$0.2091 per kWh at all other times

#### **DC fast charging stations**

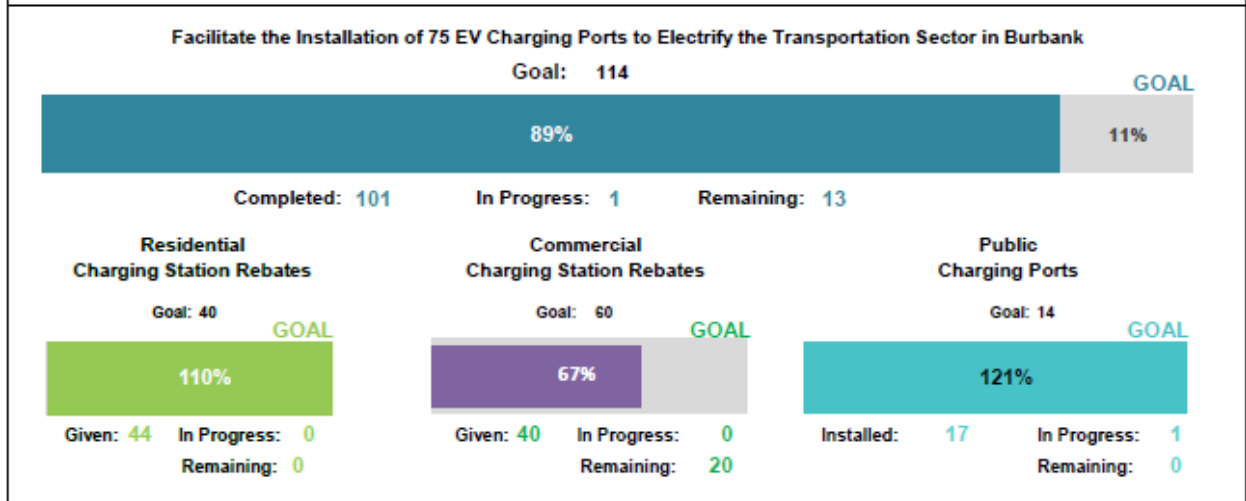
- \$0.5891 per kWh from 4 pm to 7 pm
- \$0.3391 per kWh at all other times

May 2024 was a record month for the total number of available ports (105), the total number of charging sessions (8,819), charging occupancy (30%), total energy delivered (131,225 kWh), GHG reduction (75,590 kg), and gross revenue (\$28,500).

## Transportation Electrification 2023-2024 Period ending on 5/31/2024



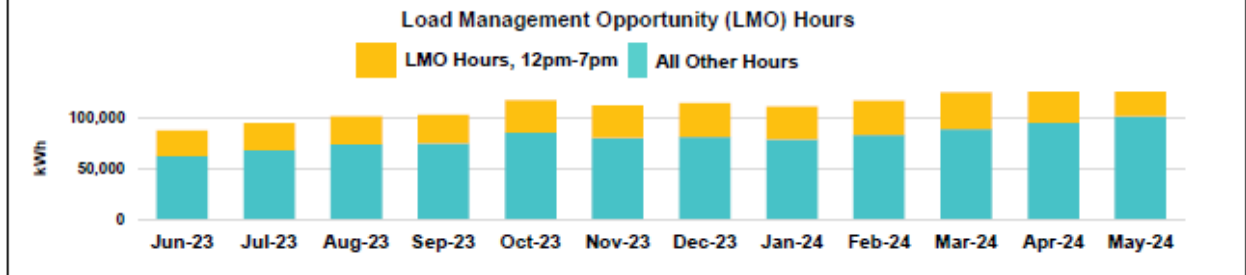
### Transportation Electrification Initiatives for FY 2023-2024



### Public Charging Port Statistics

	Public Charging Ports		Total Sessions	Total Energy (kWh)	Total Revenue	Total GHG *Reduced (kg)	<sup>1</sup> Charging Sessions at Peak	<sup>2</sup> Charging Occupancy
	Total Ports	Total Available						
May:	106	105	8,819	131,225	\$28,500	75,590	19%	30%
Average:	99	98	7,119	96,799	\$20,359	55,760	22%	25%
FY Total:	106	105	78,310	1,064,793	\$223,948	613,355	22%	25%

\* 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.

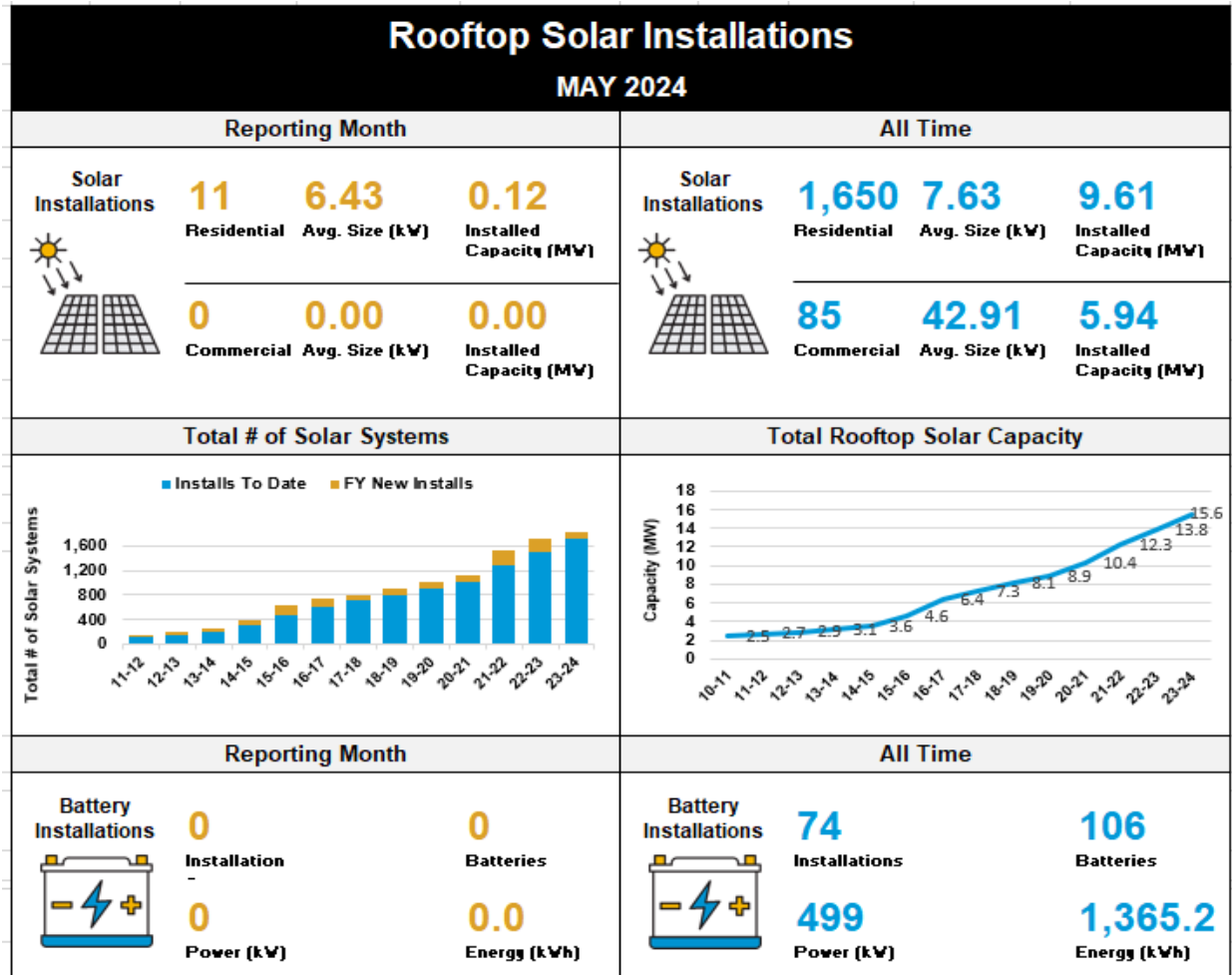


<sup>1</sup>Peak is defined as 4 – 7 PM, as is reflected in the Public EV Charging Station rate

<sup>2</sup>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 30% federal investment tax credit makes purchasing solar and/or battery systems more accessible.



## 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.

Two thermostat manufacturers are eligible for this program: Honeywell and Google Nest. Google Nest is estimated to encompass over 90% of all smart thermostats currently installed in Burbank. While Honeywell enrollments became available in October of 2023 due to terms and conditions negotiations, Google Nest enrollments first became available on May 16<sup>th</sup>, 2024. Google's first notification to customers did not go out until June. As of

writing this report in June, there are 143 enrolled thermostats. Below are the stats for enrollment through May 31, 2024:

Time Period	Thermostat	Enrolled	Total Estimated Capacity (kW)
May 2024	Google Nest	17	25.5
	Honeywell	5	7.5
	total	22	33
To Date	Google Nest	17	25.5
	Honeywell	11	16.5
	total	28	42

### TECHNOLOGY

#### Broadband Services (ONEBurbank)

	May 2024 New Orders	Revenues for May 2024	FYTD 2023-24 Revenues	FYTD Budget
<b>Lit</b>	<b>1</b>	<b>\$151,179</b>	<b>\$1,712,472</b>	<b>\$1,936,002</b>
<b>Dark</b>	<b>1</b>	<b>\$177,565</b>	<b>\$1,923,360</b>	<b>\$2,097,335</b>
<b>Total</b>	<b>2</b>	<b>\$328,744</b>	<b>\$3,635,832</b>	<b>\$4,033,337</b>

### POWER SUPPLY

#### BWP SYSTEM OPERATIONS:

The maximum load for May 2024 was 142.4 MW at 16:56 PM on May 30, 2024, and the minimum load was 70.5 MW at 06:42 AM on May 05, 2024.



YEAR	MAX LOAD	MAX DATE
2024	152.3 MW	April 11, 2024
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

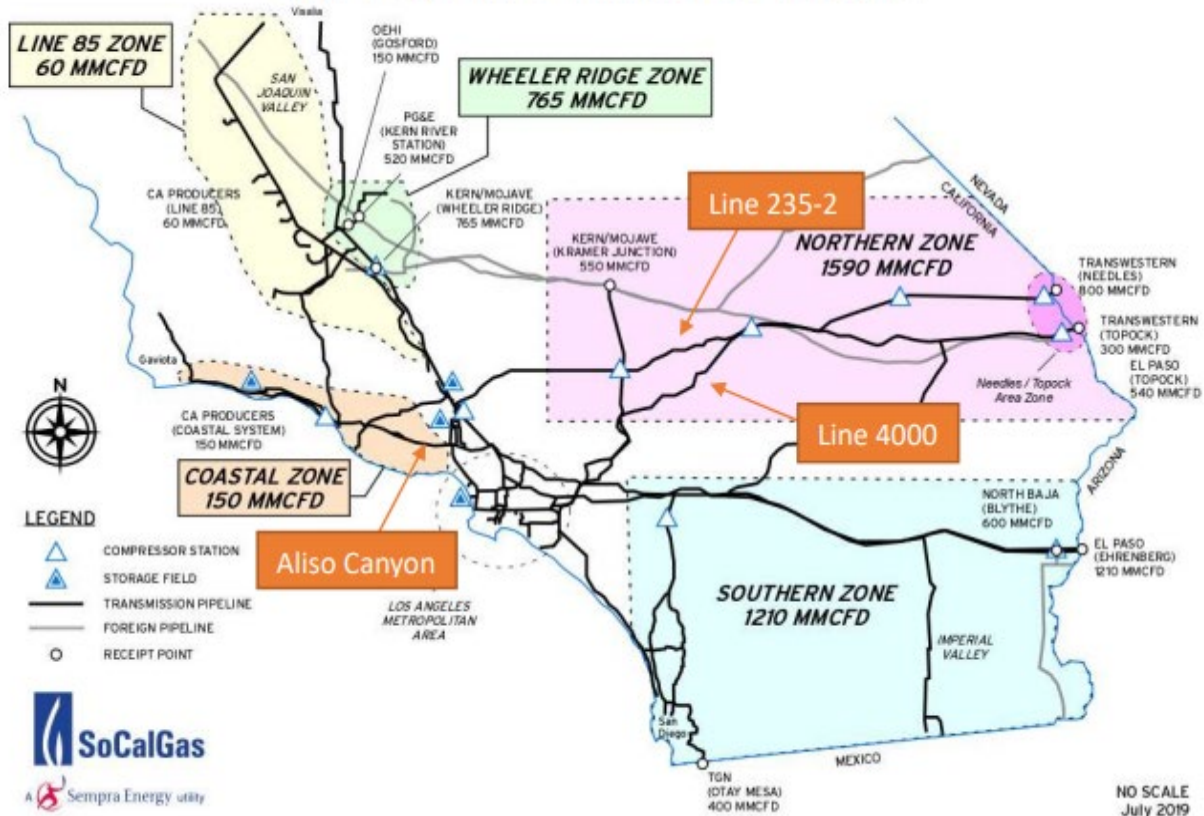
The table (below) shows that spot natural gas prices in **2024** are about **0.8 times** as in 2020. It is important to point out that **BWP continues to hedge (procure natural gas at fixed prices for future delivery) for Lake 1, and the Magnolia Power Project needs to minimize the risk and exposure to extreme pricing (prices in excess of \$100/MMBtu).** The higher prices, shown in the table below, for future delivery of natural gas, demonstrate the market sentiment that the current supply levels could be temporary, and as a result, prices for future delivery remain higher than normal. These higher prices increase BWP’s cost of generation, impact market prices for power, and negatively impact the budget. **The table below provides the average annual price (\$/MMBtu) of natural gas delivered at SoCal Citygate for FY 2024/2025 through FY 2027/2028.**

**SoCal Citygate Future Delivery Pricing**  
Average \$/MMBtu

FY24/25	FY25/26	FY26/27	FY27/28
\$5.80	\$6.70	\$6.65	\$6.70

\*Market quotes as of 6/14/2024

Image 1: Receipt Points & Transmission Zone Firm Capacities



Since 2020, gas prices have increased significantly. They peaked in 2022 and have declined since then, currently being 0.8 times the value in 2020. However, these are not the prices we can negotiate for future gas contracts.

Calendar Year	\$/MMBtu
2017	\$3.41
2018	\$5.14
2019	\$4.08
2020	\$3.01
2021	\$6.99
2022	\$9.27
2023	\$6.78
<b>2024</b>	<b>\$2.47</b>
<b>Change since 2020</b>	<b>0.8X</b>

## **ELECTRICITY GENERATION:**

### **BWP Generating Facilities**

<b>Unit</b>	<b>Availability</b>	<b>Operating Hrs</b>	<b>MWH (Net)</b>	<b>Net Heat Rate (Btu/kWh)</b>	<b>Number of Starts</b>
<b>Olive 1</b>	0%	0	0	0	0
<b>Olive 2</b>	0%	0	0	0	0
<b>Lake 1</b>	<b>91%</b>	<b>37</b>	<b>1,141</b>	<b>11,619</b>	<b>5</b>
<b>MPP</b>	<b>100%</b>	<b>744</b>	<b>114,632</b>	<b>8,108</b>	0

Olive 1 and 2 remained in dry storage, with a 274-day notice required to restart one unit and a 365-day notice required to restart both units. Olive 1 and 2 have been in dry storage since 2011 and 2012, respectively.

Lake 1 was placed online five (5) times during the month of May.

### **Magnolia Power Project (MPP)**

	<b>May</b>	<b>FYTD</b>	<b>YTD</b>
<b>Availability</b>	<b>100%</b>	<b>97%</b>	<b>96%</b>
<b>Unit Capacity Factor (240 MW)</b>	<b>64%</b>	<b>72%</b>	<b>72%</b>

There were no outages at MPP during the month of May 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.

### **Tieton Hydropower Project (Tieton)**

Annual maintenance and inspections were completed, and operations began on April 13, 2024, for this generation season. **A majority of May operations included a single turbine however, there were some periods of increased water flow and limited operation of both turbines. 3,135 MWhs were generated in May.**

## **ENVIRONMENTAL**

### **Air Quality**

Air quality tests are scheduled to be conducted as follows:

- **Lake One Unit – May 13 - 14, 2024**
- **Magnolia Power Plant – May 16, 2024**

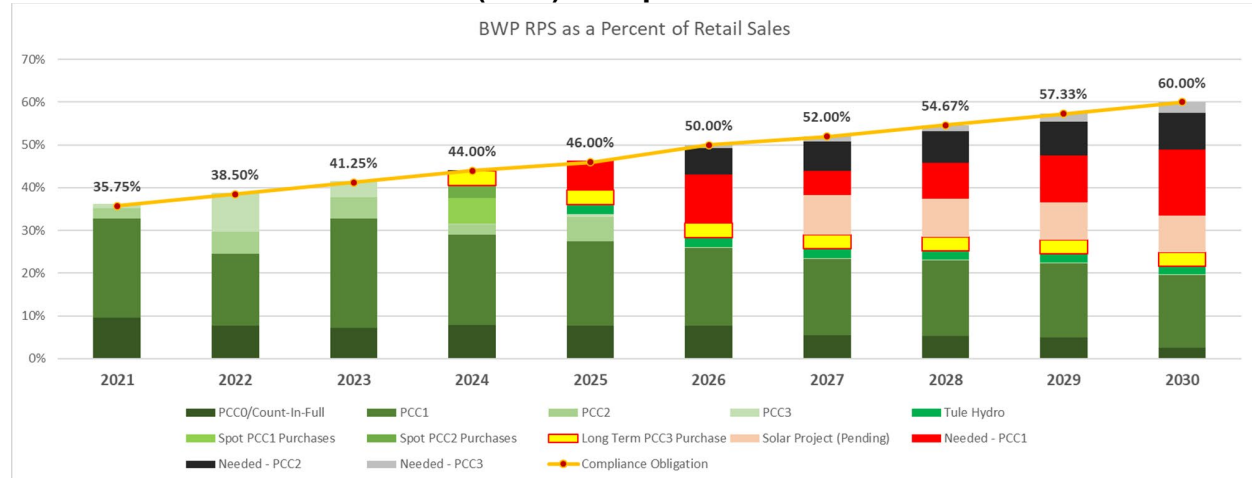
Air quality testing is required by the South Coast Air Quality Management District (SCAQMD) to ensure the facility operates according to its permit.

## Storm Water

## PROJECT UPDATES

### Power Resources

#### Renewable Portfolio Standard (RPS) Compliance



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 currently working on additional renewable contracts to maintain RPS compliance for future years.

Prices for long-term renewables have increased approximately 30-100% due to supply chain issues and an increase in 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 for new long-term contracts for renewables. **Staff have been negotiating one solar contract in Utah for 15 months, and the negotiations were terminated early this month. The participants (including BWP and 2 other cities) could not agree with the developer on some outstanding items, most notably the final contract price, due to risks related to non-traditional financing available in the market. The developer wanted to transfer all that risk to the buyers, including BWP, and the price would not be known until long after (12-18 months) all participants would receive Board and City Council approvals.**

In late May, the negotiations for another long-term contract (20 MW located in Riverside County) were terminated for similar reasons. The developer increased the price, added language for future price increases, expanded the language regarding force majeure events, and refused to share any price risk. The combined risk was beyond what was acceptable to BWP.



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 not opposition was received through public comment. Once FERC gives approval, repairs will be completed in 4-6 weeks, and the project could start producing energy by 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 for 2 additional long-term sources of renewables. The first is another solar project in Utah for 38 MW, and a **25 MW solar plus 25 MW battery in Arizona.**

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 \$85/REC for 2025 delivery. **Below is a table showing the forward premiums for renewable energy products by type and by year, as well as the average for 2024 to 2029. Please note that this is just the REC premium for each of the different types.** To be clear, this is just the premium for the renewable attributes and does not include the cost of the associated energy.

<b>California Renewable Energy Credit Premiums \$/REC (not including energy)</b>						
	<b>PCC1</b>		<b>PCC2</b>		<b>PCC3</b>	
2024	\$	72.00	\$	66.50	\$	5.58
2025	\$	85.00	\$	70.00	\$	5.73
2026	\$	74.50	\$	57.50	\$	7.00
2027	\$	62.50	\$	44.75	\$	7.50
2028	\$	42.50	\$	36.00	\$	7.68
2029	\$	36.00	\$	31.00	\$	7.88
<b>Average</b>	<b>\$</b>	<b>62.08</b>	<b>\$</b>	<b>50.96</b>	<b>\$</b>	<b>6.89</b>

As of 06/14/2024

**Special Projects**

On December 28, 2023, the long-duration battery for the eco-campus was delivered by our vendor, ESS Inc. **This 75-kilowatt kW) iron-flow battery is capable of storing energy for up to 5.3 hours and can store 500 kWh per day.** This is enough to power approximately 30 homes a month. The battery will be directly connected to the 265-kW solar array we have on the eco-campus. By storing the energy from the solar resource, we can utilize renewable energy for the on-peak hours, when energy prices are the highest. This project is made possible through a \$125,000 grant from the American Public Power Association Demonstration of Energy and Efficiency Developments. **The ribbon cutting for the project took place on May 31, 2024.**

**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)
<b>Southern Transmission System (STS) total share</b>	<b>2400 MW</b>	<b>2400 MW</b>	<b>\$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)</b>
<b>BWP % share of STS</b>	<b>4.49%</b>	<b>4.2%</b>	
<b>BWP MW of STS</b>	<b>107.95 MW</b>	<b>101.4 MW</b>	
<b>BWP % share of generation</b>	<b>4.17%</b>	<b>3.33%</b>	
<b>BWP MW of generation</b>	<b>89.28 MW coal, 35.028 MW of natural gas</b>	<b>28 MW</b>	

**IPP returned to two-unit operation on June 23, 2024, and continue 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. **IPP coal situation is better than this time last year with the largest contract resuming deliveries and one additional contract being signed for additional supplies.**

**Power Production**

**Lake One Power Plant Emissions Retrofit Project**

The Lake One Power Plant Emissions Retrofit Project is now substantially complete, and the system is operating as intended.

The new emissions control system will allow Lake One to remain in compliance with new air quality requirements. The project consists of designing, engineering, permitting, constructing/installing, commissioning, and testing the new emissions system.

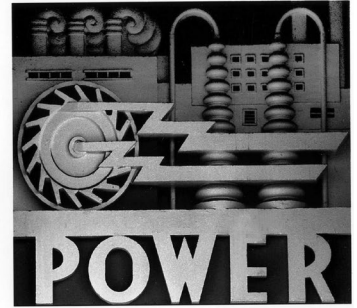
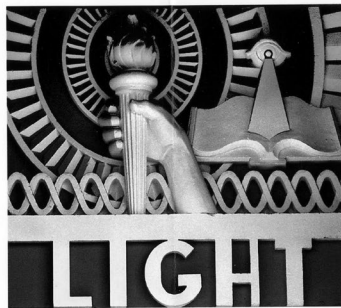
**BWP Campus Stormwater Improvement Project**

**BWP staff issued a conditional Notice to Proceed to Toro Enterprises, Inc. (Toro) On April 4, 2024, for the construction of the BWP Campus Stormwater Improvement Project. Toro is currently working on submittals, preconstruction plans, and permits for the project. Construction is projected to begin on June 17, 2024. Construction work will take place separately for the onsite and offsite portions of the project. The onsite work will occur during normal business hours and the**

**offsite work will occur at night to reduce impacts to nearby businesses. The project is expected to be completed by September 1, 2024.**

**The new stormwater system will allow for the capture of an 85<sup>th</sup> percentile, 24-hour storm event. The captured stormwater will be reused at MPP for cooling purposes or infiltrated to replenish groundwater resources. The offsite work will consist of rerouting an existing storm drain on North Varney Street. This rerouting is expected to reduce puddling on Magnolia Blvd.**

BWP has been utilizing engineers' estimates, which are revised annually to establish the appropriate budgets for the campus stormwater improvement project. Based on the most recent project cost estimate, an additional \$3.2 million is being proposed to the BWP budgets for FY 23/24 and FY 24/25. The project scope has not changed, and the increase is entirely attributable to significant market increases. The total BWP budget for the project is proposed to increase from \$3.2 million to \$6.4 million. BWP also verified the accuracy of the latest engineers' estimates by reviewing recent bids from other entities currently approaching construction of similar projects.



**Financial Report  
April-24**

**Burbank Water and Power  
Electric Fund (496)  
Statement of Changes in Net Assets <sup>(1) (2)</sup>  
MTD and FYTD April 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
72,821	79,176	(6,355)	(8%) <sup>(a)</sup>	NEL MWh	833,187	899,321	(66,135)	(7%) <sup>(A)</sup>
				<b>Retail</b>				
\$ 12,535	\$ 14,230	\$ (1,695)	(12%)	Retail Sales	\$ 146,116	\$ 157,484	\$ (11,368)	(7%)
382	571	(189)	(33%) <sup>(b)</sup>	Other Revenues (3)	4,905	5,712	(807)	(14%) <sup>(B)</sup>
10,305	11,534	1,229	11% <sup>(c)</sup>	Retail Power Supply & Transmission	89,675	119,473	29,798	25% <sup>(C)</sup>
2,612	3,267	(655)	(20%)	<b>Retail Margin</b>	61,346	43,723	17,623	40%
				<b>Wholesale</b>				
(79)	1,629	(1,708)	(105%)	Wholesale Sales	12,959	28,072	(15,114)	(54%)
(157)	1,597	1,754	110%	Wholesale Power Supply	11,060	27,511	16,451	60%
78	33	46	141%	<b>Wholesale Margin</b>	1,898	561	1,337	238%
2,691	3,300	(609)	(18%)	<b>Gross Margin</b>	63,244	44,285	18,960	43%
				<b>Operating Expenses</b>				
942	942	0	0%	Distribution	9,647	9,452	(195)	(2%)
120	137	16	12%	Administration/Safety	1,116	1,404	289	21% <sup>(D)</sup>
334	532	198	37% <sup>(d)</sup>	Finance, Fleet, & Warehouse	4,364	5,311	947	18% <sup>(E)</sup>
576	584	9	1%	Transfer to General Fund for Cost Allocation	5,756	5,842	86	1%
290	503	214	42% <sup>(e)</sup>	Customer Service	4,737	5,330	593	11%
58	247	189	76% <sup>(f)</sup>	Marketing & Sustainability	1,352	2,468	1,115	45% <sup>(F)</sup>
338	583	246	42% <sup>(g)</sup>	Public Benefits	2,208	5,832	3,623	62% <sup>(G)</sup>
104	162	58	36% <sup>(h)</sup>	Security/Oper Technology	1,930	1,704	(226)	(13%) <sup>(H)</sup>
161	164	2	1%	Telecom	1,379	1,674	295	18% <sup>(I)</sup>
193	285	91	32% <sup>(i)</sup>	Construction & Maintenance	1,897	2,848	951	33% <sup>(J)</sup>
1,593	1,780	186	10%	Depreciation	15,752	17,797	2,044	11%
4,709	5,918	1,209	20%	Total Operating Expenses	50,140	59,662	9,522	16%
\$ (2,018)	\$ (2,618)	\$ 600	23%	<b>Operating Income/(Loss)</b>	\$ 13,105	\$ (15,378)	\$ 28,482	185%

**Burbank Water and Power  
Electric Fund (496)  
Statement of Changes in Net Assets <sup>(1) (2)</sup>  
MTD and FYTD April 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
\$ (2,018)	\$ (2,618)	\$ 600	23%	<b>Operating Income/(Loss)</b>	\$ 13,105	\$ (15,378)	\$ 28,482	185%
				<b>Other Income/(Expenses)</b>				
734	387	346	89% <sup>(j)</sup>	Interest Income	6,901	3,873	3,029	78% <sup>(k)</sup>
90	210	(120)	(57%) <sup>(k)</sup>	Other Income/(Expense) <sup>(4)</sup>	1,408	1,102	307	28% <sup>(L)</sup>
(775)	(775)	-	0%	Bond Interest/ (Expense)	(7,746)	(7,746)	-	0%
49	(177)	226	128%	Total Other Income/(Expense)	564	(2,772)	3,335	120%
(1,969)	(2,795)	826	30%	<b>Net Income</b>	13,668	(18,149)	31,818	175%
113	1,415	(1,302)	(92%) <sup>(l)</sup>	Capital Contributions (AIC)	2,141	14,151	(12,010)	(85%) <sup>(M)</sup>
<u>\$ (1,856)</u>	<u>\$ (1,380)</u>	<u>\$ (475)</u>	<u>(34%)</u>	<b>Net Change in Net Assets</b>	<u>\$ 15,809</u>	<u>\$ (3,999)</u>	<u>\$ 19,808</u>	<u>495%</u>

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 April 2024  
(\$ in 000's)**

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(a)	Electric Usage in MWh	72,821	79,176	(6,355)	- NEL is 8% lower than budget. The average high temperature in April was 71°F, compared to the 15-year average high temperature of 75°F. The average low temperature was 47°F, compared to the 15-year average low temperature of 50°F.
(b)	Other Revenues	382	571	(189)	- 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	10,305	11,534	1,229	- The favorable variance is attributable to various components within Retail Power Supply and Transmission. Please refer to page 5 for additional details.
(d)	Finance, Fleet, & Warehouse	334	532	198	- The favorable variance is primarily attributable to vacancies, higher than planned work for other departments and to the timing of professional services and software & hardware support.
(e)	Customer Service	290	503	214	- The favorable variance is primarily attributable to vacancies, and to the timing of professional services and software & hardware support.
(f)	Marketing & Sustainability	58	247	189	- The favorable variance is primarily attributable to vacancies and to the timing of rebates, professional services, and memberships.
(g)	Public Benefits	338	583	246	- The favorable variance is primarily attributable to the timing of program spending.
(h)	Security/Operations Technology	104	162	58	- The favorable variance is primarily attributable to the timing of software & hardware support, offset by lower than planned capital work & work for other departments.
(i)	Construction & Maintenance	193	285	91	- The favorable variance is primarily attributable to vacancies and to the timing of custodial services and building grounds maintenance & repair.
(j)	Interest Income	734	387	346	- 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.
(k)	Other Income/(Expense)	90	210	(120)	- 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.
(l)	Capital Contributions (AIC)	113	1,415	(1,302)	- 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 April 2024**  
**(\$ in 000's)**

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(A)	Electric Usage in MWh	833,187	899,321	(66,135)	- NEL is 7% lower than budget. The FYTD average high temperature was 77°F, compared to the 15-year average high temperature of 78°F. The FYTD average low temperature was 51°F, compared to the 15-year average low temperature of 52°F.
(B)	Other Revenues	4,905	5,712	(807)	- 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	89,675	119,473	29,798	- The favorable variance is attributable to various components within Retail Power Supply & Transmission. Please refer to page 6 for additional details.
(D)	Administration / Safety	1,116	1,404	289	- The favorable variance is primarily attributable to the timing of travel, training and professional services.
(E)	Finance, Fleet, & Warehouse	4,364	5,311	947	- The favorable variance is primarily attributable to vacancies and to the timing of professional services.
(F)	Marketing & Sustainability	1,352	2,468	1,115	- The favorable variance is primarily attributable to vacancies and to the timing of rebates, professional services, and memberships.
(G)	Public Benefits	2,208	5,832	3,623	- The favorable variance is primarily attributable to the timing of program spending.
(H)	Security/Oper Technology	1,930	1,704	(226)	- The unfavorable variance is primarily attributable to lower than planned capital work and work for others, offset by vacancies and the timing of software & hardware support.
(I)	Telecom	1,379	1,674	295	- The favorable variance is primarily attributable to vacancies and to the timing of professional services and special departmental supplies.
(J)	Construction & Maintenance	1,897	2,848	951	- The favorable variance is primarily attributable to vacancies and to the timing of custodial services and building grounds maintenance & repair.
(K)	Interest Income	6,901	3,873	3,029	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)	1,408	1,102	307	- 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)	2,141	14,151	(12,010)	- The unfavorable variance is attributable to the timing of AIC projects.



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

	<b>Variance Month-to-Date</b>		
	<u>Favorable Items</u>	<u>Unfavorable Items</u>	<u>Budget to Actual Variance</u>
<b><u>MTD NET INCOME/(LOSS): \$(1,969)</u></b>	\$ 826	\$ -	\$ 826
 <b><u>MTD GROSS MARGIN VARIANCE</u></b>			
Retail Sales	-	(1,695)	(1,695)
Power Supply and Transmission:			
- Lower retail load	165	-	165
- Lower than planned renewables cost and other	-	-	-
- Lower transmission	489	-	489
- Lower energy prices	26	-	26
- New minimum for IPP and Hydrogen Betterment	-	-	-
- Lower O&M	689	-	689
- Retail load management and economic dispatch	-	(140)	(140)
- Timing True-up and prior period adjustments	-	-	-
Other Revenues	-	(189)	(189)
Wholesale Margin	46	-	46
<b>Total</b>	<u>1,415</u>	<u>(2,024)</u>	<u>(609)</u>
 <b><u>MTD O&amp;M AND OTHER VARIANCES</u></b>			
Distribution	0	-	0
Administration/Safety	16	-	16
Finance, Fleet, & Warehouse	198	-	198
Customer Service	214	-	214
Marketing & Sustainability	189	-	189
Public Benefits	246	-	246
Security/Operations Technology	58	-	58
Telecom	2	-	2
Construction & Maintenance	91	-	91
Depreciation expense	186	-	186
All other	235	-	235
<b>Total</b>	<u>1,435</u>	<u>-</u>	<u>1,435</u>

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

	<b>Variance Fiscal Year-to-Date</b>		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
<b><u>FYTD NET INCOME/(LOSS): \$13,668</u></b>	\$ 31,818	-	\$ 31,818
<b><u>FYTD GROSS MARGIN VARIANCE</u></b>			
Retail Sales	-	(11,368)	(11,368)
Power Supply and Transmission			
- Lower retail load	1,885	-	1,885
- Lower than planned renewables cost and other	2,900	-	2,900
- Lower transmission	4,039	-	4,039
- Lower energy prices	3,435	-	3,435
- New minimum for IPP and Hydrogen Betterment	7,885	-	7,885
- Lower O&M	4,355	-	4,355
- Retail load management and economic dispatch	2,782	-	2,782
- SCPPA True-up and prior period adjustments	2,517	-	2,517
Other Revenues	-	(807)	(807)
Wholesale Margin	1,337	-	1,337
<b>Total</b>	<b>\$ 31,135</b>	<b>\$ (12,174)</b>	<b>\$ 18,960</b>
<b><u>FYTD O&amp;M AND OTHER VARIANCES</u></b>			
Distribution	-	(195)	(195)
Administration/Safety	289	-	289
Finance, Fleet, & Warehouse	947	-	947
Customer Service	593	-	593
Marketing & Sustainability	1,115	-	1,115
Public Benefits	3,623	-	3,623
Security/Oper Technology	-	(226)	(226)
Telecom	295	-	295
Construction & Maintenance	951	-	951
Depreciation expense	2,044	-	2,044
All other	3,421	-	3,421
<b>Total</b>	<b>\$ 13,279</b>	<b>\$ (421)</b>	<b>\$ 12,858</b>

**Electric Fund (496)**  
**Statement of Changes in Cash and Investment Balances <sup>(a)</sup>**  
**(\$ in 000's)**

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

<sup>(a)</sup> The Statement of Cash Balances may not add up due to rounding.

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

<sup>(c)</sup> Reversal of IPP decommission reserve.

<sup>(d)</sup> 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 <sup>(1) (2)</sup>  
MTD and FYTD April 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
331	397	(66)	(17%)	Water put into the system in Millions of Gallons	3,692	4,131	(439)	(11%)
62	52	10	19%	Metered Recycled Water in Millions of Gallons	765	861	(97)	(11%)
				<b>Operating Revenues</b>				
\$ 2,174	\$ 2,599	\$ (425)	(16%) <sup>(a)</sup>	Potable Water	\$ 24,957	\$ 28,297	\$ (3,340)	(12%) <sup>(A)</sup>
325	268	57	21% <sup>(b)</sup>	Recycled Water	3,743	4,450	(707)	(16%) <sup>(B)</sup>
101	129	(28)	(21%)	Other Revenue <sup>(3)</sup>	1,248	1,291	(43)	(3%)
<u>2,601</u>	<u>2,996</u>	<u>(396)</u>	<u>(13%)</u>	Total Operating Revenues	<u>29,948</u>	<u>34,038</u>	<u>(4,090)</u>	<u>(12%)</u>
872	1,062	190	18% <sup>(c)</sup>	Water Supply Expense	9,849	12,732	2,883	23% <sup>(C)</sup>
<u>1,728</u>	<u>1,934</u>	<u>(206)</u>	<u>(11%)</u>	<b>Gross Margin</b>	<u>20,099</u>	<u>21,306</u>	<u>(1,207)</u>	<u>(6%)</u>
				<b>Operating Expenses</b>				
900	1,076	176	16% <sup>(d)</sup>	Operations & Maintenance - Potable	8,941	10,751	1,810	17% <sup>(D)</sup>
72	155	84	54% <sup>(e)</sup>	Operations & Maintenance - Recycled	1,017	1,558	541	35% <sup>(E)</sup>
375	381	6	2%	Operations & Maintenance - Shared Services	2,654	3,821	1,166	31% <sup>(F)</sup>
135	137	3	2%	Transfer to General Fund for Cost Allocation	1,348	1,374	26	2%
<u>374</u>	<u>381</u>	<u>7</u>	<u>2%</u>	Depreciation	<u>3,679</u>	<u>3,810</u>	<u>131</u>	<u>3%</u>
<u>1,856</u>	<u>2,131</u>	<u>274</u>	<u>13%</u>	Total Operating Expenses	<u>17,639</u>	<u>21,313</u>	<u>3,674</u>	<u>17%</u>
<u>(128)</u>	<u>(196)</u>	<u>68</u>	<u>35%</u>	<b>Operating Income/(Loss)</b>	<u>2,460</u>	<u>(7)</u>	<u>2,467</u>	<u>35242%</u>
				<b>Other Income/(Expenses)</b>				
109	39	71	184% <sup>(f)</sup>	Interest Income	1,241	385	856	222% <sup>(G)</sup>
67	42	25	60% <sup>(g)</sup>	Other Income/(Expense) <sup>(4)</sup>	470	221	249	113% <sup>(H)</sup>
(210)	(237)	27	11%	Bond Interest/(Expense)	(2,098)	(2,370)	272	11%
<u>(33)</u>	<u>(156)</u>	<u>123</u>	<u>79%</u>	Total Other Income/(Expenses)	<u>(387)</u>	<u>(1,764)</u>	<u>1,377</u>	<u>78%</u>
<u>(162)</u>	<u>(353)</u>	<u>191</u>	<u>54%</u>	<b>Net Income/(Loss)</b>	<u>2,074</u>	<u>(1,771)</u>	<u>3,844</u>	<u>217%</u>
20	53	(33)	(63%) <sup>(h)</sup>	Capital Contributions (AIC)	192	528	(336)	(64%) <sup>(I)</sup>
<u>\$ (142)</u>	<u>\$ (300)</u>	<u>\$ 158</u>	<u>53%</u>	<b>Net Change in Net Assets</b>	<u>\$ 2,266</u>	<u>\$ (1,243)</u>	<u>\$ 3,508</u>	<u>282%</u>

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 April 2024**  
(\$ in 000's except Gallons)

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(a)	Potable Water Revenue	2,174	2,599	(425)	- Potable water revenue during April 2024 was 16% below budget due primarily to conservation and lower than average temperatures. 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. The average high temperature in April was 71°F, compared to the 15-year average high temperature of 75°F. The average low temperature was 47°F, compared to the 15-year average low temperature of 50°F.
(b)	Recycled Water Revenue	325	268	57	- Recycled water revenues were higher than planned primarily due to lower than average rainfall. Rainfall MTD measured 0.66 inches compared to the average of 0.74 inches.
(c)	Water Supply Expense	872	1,062	190	- The favorable variance is a result of lower demand and using less imported MWD water than planned.
(d)	Operations & Maintenance - Potable	900	1,076	176	- The favorable variance is primarily attributable to vacancies and the timing of professional services and private contractual services.
(e)	Operations & Maintenance - Recycled	72	155	84	- 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)	Interest Income	109	39	71	- 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.
(g)	Other Income/(Expense)	67	42	25	- Other Income/(Expense) includes miscellaneous revenue from the sale of scrap materials, inventory, and assets, which tend to fluctuate.
(h)	Capital Contributions (AIC)	20	53	(33)	- The unfavorable variance is attributable to the timing of AIC projects.

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

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(A)	Potable Water Revenue	24,957	28,297	(3,340)	- Potable water revenue fiscal year to date was 12% 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 22.75 inches compared to the average of 13.53 inches.
(B)	Recycled Water Revenue	3,743	4,450	(707)	- Recycled water revenues were lower than planned due to lower demand as a result of higher than average rainfall. Rainfall FYTD measured 22.75 inches compared to the average of 13.53 inches.
(C)	Water Supply Expense	9,849	12,732	2,883	- The favorable variance is a result of lower demand and using less imported MWD water than planned.
(D)	Operations & Maintenance - Potable	8,941	10,751	1,810	- The favorable variance is primarily attributable to vacancies and the timing of professional services and private contractual services, offset by higher than planned work from other departments.
(E)	Operations & Maintenance - Recycled	1,017	1,558	541	- 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	2,654	3,821	1,166	- The favorable variance is attributable to lower than planned shared expenses (Customer Service, Finance and Administration) from the electric fund.
(G)	Interest Income	1,241	385	856	- 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)	470	221	249	- Other Income/(Expense) includes miscellaneous revenue from the sale of scrap materials, inventory, and assets, which tend to fluctuate.
(I)	Capital Contributions (AIC)	192	528	(336)	- The unfavorable variance is attributable to the timing of AIC projects.

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

	<b>Variance Month-to-Date</b>		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
<b><u>MTD NET INCOME (LOSS): \$(162)</u></b>	\$ 191	\$ -	\$ 191
<b><u>MTD GROSS MARGIN VARIANCE</u></b>			
Potable Revenues	-	(425)	(425)
Recycled Revenues	57	-	57
Other Revenue	-	(28)	(28)
Water Supply Expense	190	-	190
<b>Total</b>	246	\$ (453)	\$ (206)
<b><u>FYTD O&amp;M AND OTHER VARIANCES</u></b>			
Potable O&M	176	-	176
Recycled Water O&M	84	-	84
Allocated O&M	6	-	6
Depreciation Expense	7	-	7
All Other	126	-	126
<b>Total</b>	\$ 398	\$ -	\$ 398

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

	<b>Variance Fiscal Year-to-Date</b>		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
<b><u>FYTD NET INCOME: \$2,074</u></b>	\$ 3,844	\$ -	\$ 3,844
<b><u>FYTD GROSS MARGIN VARIANCE</u></b>			
Potable Revenues	-	(3,340)	(3,340)
Recycled Revenues	-	(707)	(707)
Other Revenue	-	(43)	(43)
Water Supply Expense	2,883	-	2,883
<b>Total</b>	<b>\$ 2,883</b>	<b>\$ (4,090)</b>	<b>\$ (1,207)</b>
<b><u>FYTD O&amp;M AND OTHER VARIANCES</u></b>			
Potable O&M	1,810	-	1,810
Recycled Water O&M	541	-	541
Allocated O&M	1,166	-	1,166
Depreciation Expense	131	-	131
All Other	1,403	-	1,403
<b>Total</b>	<b>\$ 5,051</b>	<b>\$ -</b>	<b>\$ 5,051</b>



**Water Fund (497)**  
**Statement of Changes in Cash and Investment Balances <sup>(a)</sup>**  
**(\$ in 000's)**

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

<sup>(a)</sup> The Statement of Cash Balances may not add up due to rounding.

<sup>(b)</sup> New financial reserve policy was adopted by City Council on April 25, 2023.