



Weekly Management Report

July 29, 2022

- 1. Minutes** Civil Service Board Meeting
on July 6, 2022
Management Services Department

- 2. Memo** Burbank Hospitality Association
Meeting on June 22, 2022
Community Development Department

- 3. Memo** Downtown Burbank Partnership (PBID)
Meeting on July 7, 2022
Community Development Department

- 4. Minutes** Burbank Water and Power Board
Meeting on June 02, 2022
Water and Power Department

- 5. Report** June 2022 Monthly Operating Results
Water & Power Department

July 6, 2022
4:30 p.m.

The regular meeting of the Civil Service Board was held in the Council Chambers of City Hall.

Roll Call

Members present: Iveta Ovsepyan, Chairperson
Jacqueline Waltman, Vice-Chairperson
Richard Ramos, Secretary
Linda Barnes
Matthew Doyle

Also present: Daniel Amaya, Administrative Analyst I
Sean Aquino, Administrative Officer-BWP
Kevin Gray, Chief Information Officer
David Lasher, Administrative Analyst II
Teresa Lord, Assistant Chief Information Officer
Betsy McClinton, Management Services Director
Jina Oh, Senior Assistant City Attorney
Erik Olsen, Acting Manager Energy Control Center
Sherry Richardson, Administrative Officer
April Rios, Human Resources Manager
Dan Rynn, Chief Assistant PW Director – City Engineer
Mandip Samra, Assistant General Manager-BWP
Rene Sanchez, Acting Human Resources Manager
Jessica Sandoval, Executive Assistant
Julianne Venturo, Ast Management Services Director

Future Agenda Items

None

Open Public Comment Period of Oral Communications

None

Approval of Minutes

MOTION CARRIED: It was moved by Ms. Waltman, seconded by Ms. Barnes (with Mr. Doyle abstaining) and carried 4-0 to approve the minutes of the regular meeting of June 1, 2022.

Proposed Amendments to Classification Plan

a. Revision of the Title and Specification for the Classification of Power System Operator II to Power System Operator.

MOTION CARRIED: It was moved by Mr. Ramos, seconded by Mr. Doyle and carried 5-0 to approve the revision of the title and specification for the classification of Power System Operator II to Power System Operator.

b. Establishment of the Titles and Specifications for the Classifications of Data Engineer, Lead Data Engineer, Principal Data Engineer, Technology Product Manager, Lead Technology Product Manager, and Principal Technology Product Manager.

MOTION CARRIED: It was moved by Mr. Ramos, seconded by Ms. Barnes, and carried 5-0 to approve the establishment of the titles and specifications for the classifications of Data Engineer, Lead Data Engineer, Principal Data Engineer, Technology Product Manager, Lead Technology Product Manager, and Principal Technology Product Manager.

c. Establishment of the Titles and Specifications for the Classifications of Construction Inspector II and Senior Construction Inspector, and the Revision of the Titles and Specifications for the Classifications of Construction Inspector to Construction Inspector I and Supervising Construction Inspector to Construction Inspection Manager.

MOTION CARRIED: It was moved by Mr. Doyle, seconded by Mr. Ramos and carried 5-0 to approve the establishment of the titles and specifications for the classifications of Construction Inspector II and Senior Construction Inspector, and the revision of the titles and specifications of Construction Inspector to Construction Inspector I and Supervising Construction Inspector to Construction Inspection Manager.

Recruitment and Selection Report – June 2022

RECOMMENDATION: Note and file.

Expedited Recruitment Quarterly Report

OVERVIEW: Pursuant to the Board's request, information regarding expedited recruitments is provided to the Board on a quarterly basis. This report provides the Board with a snapshot of the processes for the expedited recruitments completed this quarter.

RECOMMENDATION: Note and file.

Appointments and Assignments

For the month of July, 2022, there were two temporary assignment extensions. The extensions were being sought on behalf of the Burbank Water and Power Department.

MOTION CARRIED: It was moved by Ms. Barnes, seconded by Ms. Waltman and carried 5-0 to approve the Appointments and Assignments for the month of July, 2022.

Additional Leave Quarterly Report

RECOMMENDATION: Note and file.

Adjournment

The regular meeting of the Civil Service Board was adjourned at 5:11 p.m.

Julianne Venturo
Assistant Management Services Director

APPROVED:

Iveta Ovsepyan, Chairperson

DATE _____

Richard Ramos, Secretary

DATE _____

MEMORANDUM



COMMUNITY DEVELOPMENT



DATE: July 19, 2022

TO: Justin Hess, City Manager

FROM: Patrick Prescott, Community Development Director *PP*
VIA: Simone McFarland, Asst. Community Development Director *SM*
Mary Hamzoian, Economic Development Manager *MH*
BY: Megan Anghel, Administrative Analyst I *MA*

SUBJECT: Burbank Hospitality Association Meeting – June 22, 2022

- Staff presented the Fiscal Year 2022/2023 Budget to the Board for review and approval. Upon review, the Board suggested to approve the budget with an amendment to add an additional \$5,000 to influencers, \$5,000 to travel, and \$40,000 to sponsorships for a total Fiscal Year 2022/2023 budget of \$950,000.00.
- Robin Faulk, Marketing Consultant, provided a summary on the IPW conference held in Orlando, FL on June 6 – 8, 2022. IPW is the leading US international inbound travel trade show, showcasing American destinations and attractions for travel buyers and media from more than 70 countries. Visit Burbank was represented by Megan Anghel and Robin Faulk, who had secured 60 appointments in advance and dozens more walkups on-site to promote Burbank as a destination, initiate future hotel business, and build long term relationships with the domestic and international travel trade.

MEMORANDUM



COMMUNITY DEVELOPMENT



DATE: July 19, 2022

TO: Justin Hess, City Manager

FROM: Patrick Prescott, Community Development Director
VIA: Simone McFarland, Asst. Community Development Director
Mary Hamzoian, Economic Development Manager
BY: Aida Ofsepan, Economic Development Analyst

SUBJECT: Downtown Burbank Partnership (PBID) Meeting – July 7, 2022

- Staff presented a proposal from LSL, a Certified Public Accountancy Firm for an audit of the PBID's financials for the 2021 calendar year. Per the PBID's current Agreement for Services with the City, a financial audit is required every three years beginning with the calendar year 2021. The Board agreed to move forward with the audit.
- Due to the resignation of Frank Gangi (former Treasurer) and Michael DeLeon, the PBID has two (2) vacant positions. The Board asked staff to actively begin recruitment of qualified individuals for the two (2) vacant positions and appointed Dominick Scarola as Board Treasurer.
- The City Attorney's office has opined that it is a conflict of interest for them to continue providing legal services to the PBID while representing the City of Burbank. For this reason, staff presented a proposal from the outside legal firm Colantuono Highsmith Whatley, PC for the Board's consideration. Since legal representation was included in the City Services Agreement between the City and the PBID, staff will consult with the City Attorney's Office on the best method for reimbursing the PBID for the cost of outside legal counsel.
- Staff presented an opportunity for a new mural in Downtown Burbank on the wall of the Monji Optometry building located on the corner of Orange Grove Avenue and San Fernando Blvd. The mural design was created by French artist Thierry Lefort, and was approved by the property owner. The Board agreed to pay a \$1,500 fee for materials and supplies to the artist for the mural.

**BURBANK WATER AND POWER BOARD
MINUTES OF MEETING
June 02, 2022**

Mr. Brody called the regular meeting of the Burbank Water and Power Board to order at 5:09 p.m. in the third-floor board room of the BWP Administration Building, 164 West Magnolia Boulevard, Burbank, California.

Mr. Brody called for the Pledge of Allegiance to the Flag.

ROLL CALL

Board Present: Mr. Brody, Mr. Eskandar, Ms. LaCamera, Mr. Luddy, Mr. Malotte; Ms. Tenenbaum

Board Absent: Mr. Bardin

Staff Present: Ms. Lindell, General Manager – BWP; Mr. Chwang, Senior Assistant City Attorney; Mr. Liu, Chief Financial Officer; Mr. Compton, Assistant General Manager – Chief Technology Officer; Mr. Tunnicliff, Assistant General Manager – Customer Service Operations; Mr. Sleiman, Assistant General Manager – Electric Services; Mr. Wilson, Assistant General Manager – Water Systems; Ms. Edwards, Assistant General Manager – Sustainability, Marketing, and Strategy; Mr. Aquino, Administrative Officer; Ms. Sarkissian, Manager Customer Service Operations; Mr. Messineo, Power Production Manager; Mr. Beckett, Water Maintenance & Construction Superintendent; Mr. Clark, Senior Electrical Engineer, Mr. Sheikh, acting Manager Water Engineering and Planning; Mr. Olsen, acting Manager Energy Control Center; Mr. Kigerl, Power Production Engineer; Ms. Rosales, acting Senior Secretary; Ms. Eskandari, Real Estate and Project Manager; Mr. Kidd, acting Marketing Associate; Mr. Casillas, Senior Administrative Analyst

ORAL COMMUNICATIONS

Mr. Brody called for oral communications at this time. No one requested to speak.

BOARD AND STAFF RESPONSE TO ORAL COMMUNICATIONS

None.

GENERAL MANAGER REPORT

Ms. Lindell informed the board that item 8C, *Approval to Re-Establish Power Disconnections for Small Commercial Residential Customers*, would be pulled from the meeting's agenda as it would be pushed back to a future meeting date. Ms. Lindell explained a brief overview to the board members on how to use the microphones at the table.

Ms. Lindell updated the board on COVID-19 statistics relating to the impact on BWP staff, noting that there have been 6 positive cases in May. Additionally, Ms. Lindell informed the

board that Los Angeles County and the city of Burbank have moved from the low-risk category to the medium-risk category.

Ms. Lindell reported to the board that our fiscal year 2022-23 BWP budget was unanimously passed at last week's council meeting. Ms. Lindell thanked the board members for helping with having our budget and rate increases pass.

Additionally, Ms. Lindell thanked Mr. Bardin for his service to the BWP Board, who was not present at the meeting.

Ms. Lindell reminded the board of the experimentation with the seating arrangements for the board meetings and noted the seating for the June 2, 2022 meeting was at the request of Mr. Brody. Ms. Lindell noted that with screens on each side of the room, BWP Board Members will be able to see the presentation from anywhere. She thanked Ken Austin, Jim Compton, and Armando Casillas for the rapid response and valued input.

Ms. Lindell informed the board that the BWP Board would go dark next month and resume our regular first Thursday of the month board meetings on August 4, 2022. Lastly, Ms. Lindell concluded her update by announcing the nearing of the recruitment for the Sustainability Officer position.

CONSENT CALENDAR

MINUTES

Regular meeting minutes of May 05, 2022.

APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH HDR, INC. TO DEVELOP A WATER FACILITIES MASTER PLAN

Mr. Chwang responded to board member questions.

RECOMMENDATION TO CITY COUNCIL TO APPROVE A FIVE-YEAR WEBRADER SERVICES AGREEMENT WITH OPEN ACCESS TECHNOLOGY INTERNATIONAL, INC.

Ms. Lindell responded to board member questions.

It was moved by Mr. Eskandar, seconded by Mr. Luddy, carried 6 – 0, with one board member absent to approve the consent calendar.

PRESENTATION

UPDATE ON THE SUSTAINABLE WATER USE ORDINANCE

Mr. Wilson presented an update on Stage III of the Sustainable Water Use Ordinance.

Mr. Wilson, Ms. Edwards, Ms. Lindell, and Mr. Beckett responded to board member questions.

REPORTS TO THE BOARD

BWP OPERATIONS AND FINANCIAL REPORTS

Mr. Liu presented BWP's financial update for the month of March 2022.

Mr. Liu, Ms. Lindell, and Ms. Samra responded to board member questions.

This was an information item only. No action was taken.

COVID-19 IMPACT UPDATE

Ms. Sarkissian presented to the board an update on the number of customers in arrears and the status of associated debt. Staff continues to work with customers impacted by COVID-19 through payment arrangements. Ms. Sarkissian also presented an update on the California Arrearage Payment Program (CAPP).

Ms. Sarkissian responded to board member questions.

This was an information item only. No action was taken.

The Chair called for a recess at 6:58 p.m.

The Chair called the meeting back to order at 7:21 p.m.

STAFF IS PRESENTING A PROPOSAL TO INSTALL NEW CHARGERS AT THE 133 E. ORANGE GROVE AVENUE PARKING STRUCTURE

Mr. Kidd presented the recommendation of approval to negotiate an agreement with Tesla for charging stations at 133 E. Orange Grove Ave. parking structure.

Mr. Kidd and Ms. Eskandari responded to board member questions.

It was moved by Mr. Malotte, seconded by Ms. Tenenbaum, carried 4 – 1 to recommend the Burbank City Council approve City of Burbank staff to negotiate an agreement with Tesla for charging stations to be installed in the city-owned parking structure at 133 E. Orange Grove Ave, noting one abstention and one board member absent.

RECOMMENDATION TO CITY COUNCIL TO ADOPT A RESOLUTION TO APPROVE A DESIGN-BUILD AGREEMENT WITH ARB, INC., BID SCHEDULE NO. 1505, FOR THE LAKE ONE POWER PLANT EMISSIONS RETROFIT PROJECT

Mr. Kigerl presented a design-build agreement with ARB, Inc. for the Lake One Power Plant Emissions Retrofit project.

Mr. Kigerl and Mr. Messineo responded to board member questions.

It was moved by Mr. Eskandar, seconded by Mr. Luddy, carried 6 – 0 to recommend that the City Council adopt a resolution authorizing the General Manager of BWP, as designee of the City Manager, to execute a design-build agreement with ARB, Inc. and approve plans and specifications of the design-build agreement to retain design immunity, noting one board member absent.

APPROVAL TO RE-ESTABLISH POWER DISCONNECTIONS FOR SMALL COMMERCIAL AND RESIDENTIAL CUSTOMERS

This item was pulled from the June 2, 2022 board meeting agenda. It will be brought back to the board at a future date.

RECOMMENDATION FOR APPROVAL TO UTILIZE \$1.1 MILLION OF UNUSED PUBLIC BENEFIT FUND FOR NEW INCOME-QUALIFIED RESIDENTIAL ASSISTANCE PROGRAM FOR UTILITY SERVICE CUSTOMERS

Ms. Edwards presented to the board a new income-qualified residential assistance program for utility service customers.

Ms. Edwards and Ms. Lindell responded to board member questions.

It was moved by Mr. Eskandar, seconded by Mr. Luddy, carried 5 – 1 to recommend BWP to utilize \$1.1M of unused public benefits fund for a new income-qualified residential assistance program for utility service customers as set forth in the staff report and Attachment 1; and authorize the BWP General Manager, or her designee, to administer and implement the program for approval by the Council of the City of Burbank, noting one board member absent.

INFORMATION FROM STAFF

UPDATE ON CITY COUNCIL AGENDA ITEMS

Mr. Casillas provided an update on recent items that BWP has taken to the City Council, the voting outcomes of those items, and future items that BWP has scheduled on the City Council agenda forecast.

LEGISLATIVE UPDATE

Ms. Titus provided a federal and state legislative update. Ms. Titus highlighted legislation that BWP is monitoring.

Ms. Titus responded to board member questions.

WATER DIVISION UPDATE

Mr. Wilson provided the board with an update on the city's recycled water supply, noting it has been cut in half within the past month due to the reclamation plant pipes breaking. Mr. Wilson noted that the emergency project to fix said pipes would take about five weeks to fix.

Mr. Wilson responded to board member questions.

POWER SUPPLY UPDATE

Ms. Samra updated the board on two contracts being brought to City Council in the month of July 2022. Ms. Samra informed the board on the ESS Tech Inc. contract that would be for the long-duration iron-flow battery to be installed on the BWP campus. Ms. Samra then informed the board of the Powerex contract needed for assistance with the renewable portfolio standard compliance and portfolio content category one requirement.

Ms. Samra and Ms. Lindell responded to board member questions.

ELECTRIC SERVICES UPDATE

Mr. Sleiman updated the board on the Amprical contract for the Willow Substation, noting the price jump from \$24M to \$27M. Mr. Sleiman informed the board of the recent LA Linemen Rodeo taking place at the LADWP yard, noting that BWP had two teams competing at the rodeo – only one ranking in second place.

Mr. Sleiman responded to board member questions.

COMMENTS AND REQUESTS FROM BOARD MEMBERS

Mr. Eskandar encouraged board members to continue to email staff questions to ensure great policy making. Mr. Eskandar thanked Ms. Lindell for taking the time to give Mr. Eskandar a call on a matter earlier in the day before the board meeting.

Mr. Malotte thanked staff for putting together the presentations. Mr. Malotte commented on the OATI contract, noting that staff should go out for bid on similar future contracts. Lastly, Mr. Malotte mentioned a recent article he read regarding electrification efforts.

Ms. Tenenbaum commented on reusable water bottles and plastic cups. Additionally, Ms. Tenenbaum noted the usage of our resources, highlighting council's decision to ban plastic use. Ms. Tenenbaum also noted that she has a drought-resistant yard and receives many compliments on its beauty. She noted that drought resistance can be synonymous with beautiful.

Mr. Luddy noted that he has had neighbors ask if there was a possibility to have the agenda posted onto the Digital Currents, if at all possible. Ms. Lindell noted it possibly may be an option, and Mr. Chwang noted the Brown Act states we must have printed documents made available to the public if requested.

Mr. Brody noted the professionalism of the staff towards the board. Mr. Brody gave a shoutout to Mr. Casillas on the preparation that goes into each in-person board meeting.

ADJOURNMENT

The meeting was adjourned at 9:35 p.m. The next regular board meeting is scheduled for August 4, 2022, and will be held in the third-floor board room at Burbank Water and Power Administration Building.

Armando Casillas
Recording Secretary

Dawn Roth Lindell
Secretary to the Board

Robbie Brody, BWP Board Chair



CITY OF BURBANK BURBANK WATER AND POWER STAFF REPORT

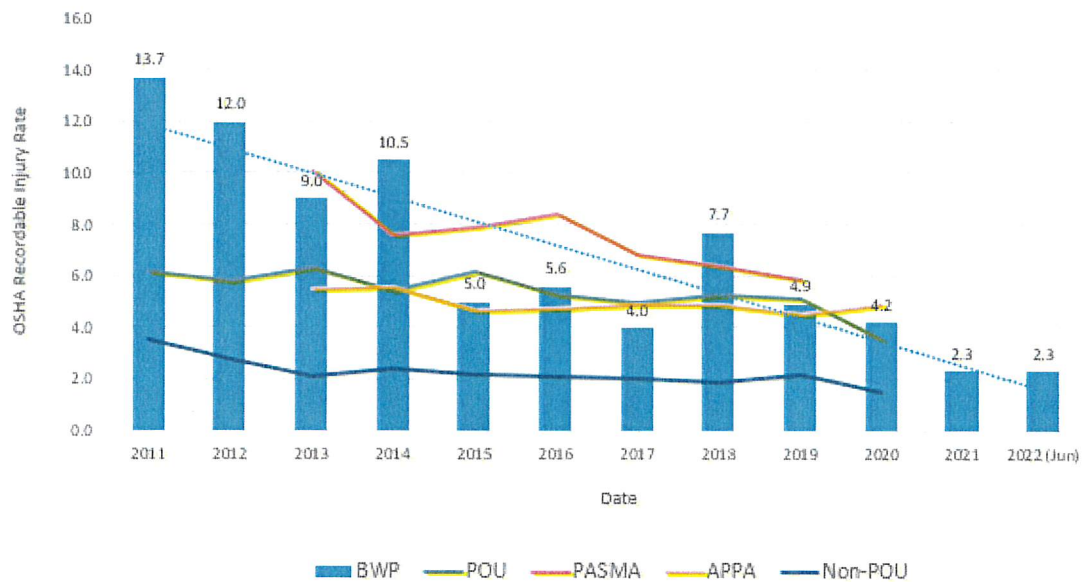
DATE: August 4, 2022
TO: Burbank Water and Power Board
FROM: Dawn Roth Lindell, General Manager, BWP *Dawn Roth Lindell*
SUBJECT: June 2022 Operating Results

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

SAFETY

For this reporting period, BWP experienced no OSHA recordable injuries. BWP's 12-month rolling average rate is 2.3.

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
 PASMA - Public Agency Safety Management Association (Local Utilities only Data)
 APPA - American Public Power Authority - Average recordable injury rate for similar sized organization
 Non-POU - Bureau of Labor Statistics, all non-governmental utility services

Electric Financial Results

For the electric fund, **May** energy demand was 8% below budget. For the month of **May**, net income was a loss of **\$2,591,000**, which was **\$2,024,000** worse than budgeted. The unfavorable variance was primarily attributed to higher retail power supply expenses than planned and lower than planned retail sales, offset partially by lower than planned operating expenses.

Fiscal-year-to-date (FYTD) energy usage was 8% below budget. For FYTD **May**, net income was a loss of **\$10,906,000**, which was **\$8,370,000** worse than budgeted. The unfavorable variance was primarily attributed to lower than planned retail sales as a result of COVID-19, higher natural gas prices and transmission expenses, and the Lake One Unit repairs, offset partially by lower operating expenses and the wholesale asset utilization program.

For additional details, please see the attached financial statements.

Water Financial Results

For the water fund, MTD potable water demand was 6% higher than budget. For the month of **May**, net income was a loss of **\$192,000**, which was **\$317,000** better than budgeted. The favorable variance was primarily attributed to **higher than planned other income, lower than planned operating expenses, and higher than planned potable sales, offset partially by higher than planned water supply expense.**

FYTD potable water demand was on budget. Recently, the Governor called for all Californians to voluntarily reduce water use by 15% from 2020 levels. For FYTD **May**, net income was **\$791,000**, which was **\$1,941,000** better than budgeted. The favorable variance was primarily attributed to lower than planned operating expenses, lower than planned water supply expense as a result of using more of the lower cost Valley/BOU water than planned, and higher than planned recycled water sales, offset partially by lower than planned potable water sales.

For additional details, please see the attached financial statements.

COVID-19, Inflation, and Drought Impacts

May's results reflect the **twenty-sixth** month of the impacts resulting from the COVID-19 pandemic beginning on March 19, 2020. With some Burbank commercial enterprises curtailing operations, this order has impacted commercial demand for water and energy in Burbank.

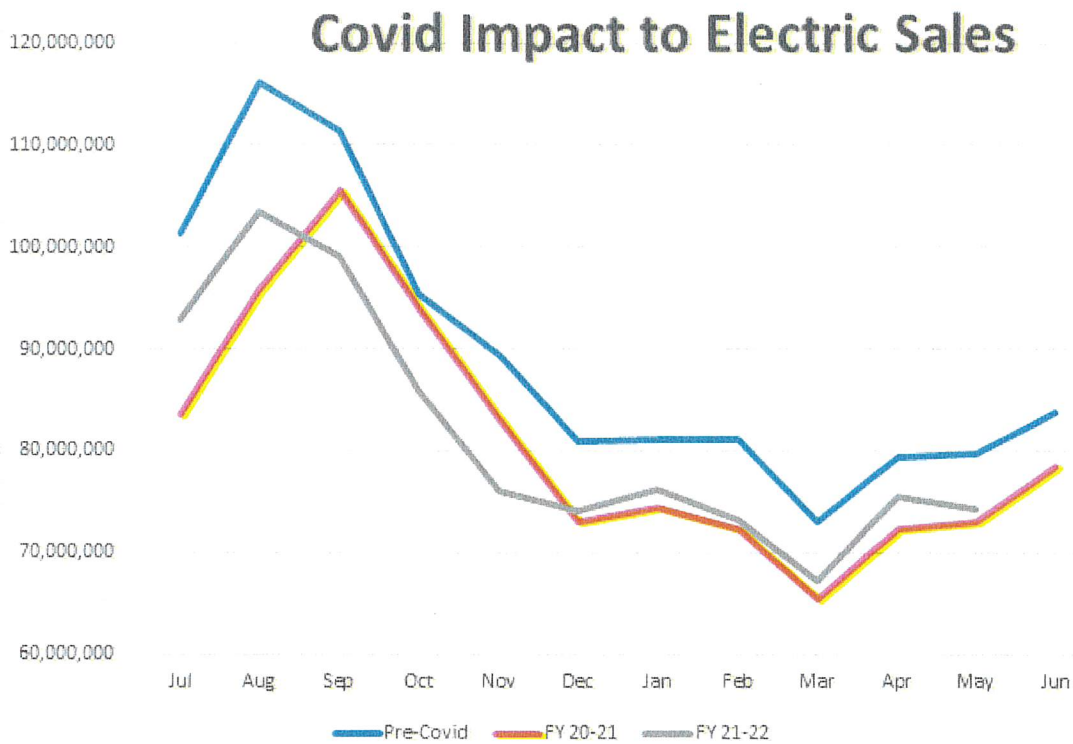
The current year's adopted budget was based on a partial recovery of the economy. Both energy and water demand were budgeted to increase by 1.2% and 0.5% from the prior fiscal year, respectively. Data has shown that the impact of COVID-19 has resulted in a continuous reduction of electric demand and very minimal impact, if there is any, in water

demand. Since the beginning of the pandemic, there has been a large increase in customer receivables.

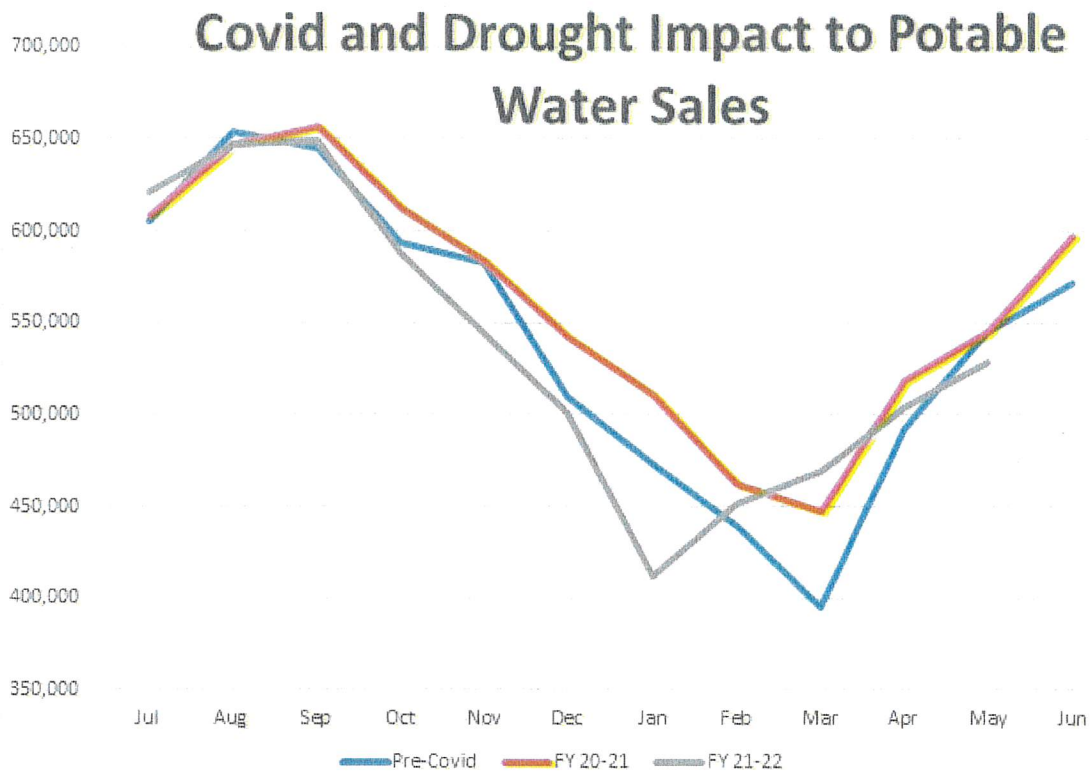
In the last year, BWP net income has been heavily impacted by increasing inflation. As of this writing, US inflation has climbed as high as 8.6%. In many cases, we are seeing expenses for the utility-grade items to be much higher than 8.6%. Below are examples of utility items impacted by inflation:

- Emissions control system upgrade for the Lake One Unit – an increase of 25% from \$2 million to \$2.5 million
- A renewable solar, plus energy storage project - increase of 71%, from \$35/MWh to \$60/MWh
- New substation buildout - increase of 47% from ~\$17M to ~\$25M
- Rebuild substation - increase of 67% from ~\$9M to ~\$15M
- Copper coils for 1-inch service lines - increase of 64% from \$6.09 to \$9.98 per foot
- 8-inch ductile iron pipe – increase of 42% from \$20.79 to \$29.59 per foot
- Other increases in materials:
 - Plastic conduit: 125%
 - Chlorine gas 98%
 - Plastic 57.7%
 - Metals 35.5%
 - Water meter boxes 25%
 - Precast concrete products 12.8%
 - Concrete 9.9%

For the electric fund, **May** energy demand was 8% below budget primarily driven by COVID-19. The chart below shows current fiscal year sales compared to the prior fiscal year and pre-COVID. **May** sales were 7% lower compared to **May** pre-COVID. Fiscal year-to-date sales were 9% lower compared to the same period pre-COVID. This table is not weather normalized.

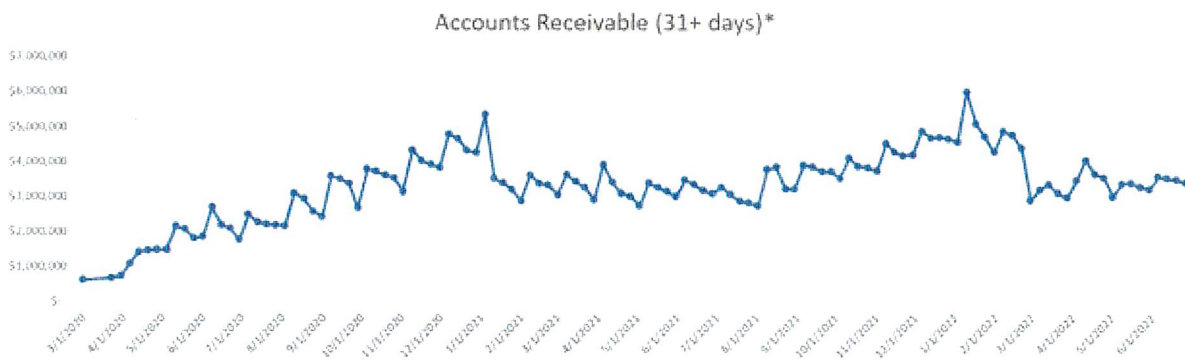


Water sales, in general, have been minimally impacted by the pandemic. The decrease in commercial sales were offset by an increase in residential demand primarily driven by the pandemic. More recently, the Governor called for all Californians to voluntarily reduce water use by 15% from 2020 levels. **May's** potable water demand was **6%** higher than budget and was 3% lower compared to **May** 2021. The chart below shows current fiscal year potable water sales compared to the prior fiscal year and pre-COVID. **May** sales were **3.2%** higher compared to **May** pre-COVID. Fiscal year-to-date sales were **0.3%** lower compared to the same period pre-COVID. This table is not weather normalized.



Accounts Receivables

The chart below shows the drastic increase for receivables that are over 31 days old for BWP's electric and water funds.



*Excludes in-lieu and utility users tax.

WATER DIVISION

Burbank's Water Use

The table below shows water use in Burbank during **June 2022** compared to **June 2020** measured in gallons per capita per day (gpcd). This measurement is used as determined by the California Governor's order of 15% reduction.

	Average Monthly Use
June 2020	149 gpcd
June 2022	145 gpcd

Water use, in terms of gpcd, during June 2022 was 2.7% less than the June 2020 baseline, but it still falls short of the Governor's "15%" reduction request. Monthly water use will be tracked and reported versus 2020 values and continue to monitor the response to the Governor's order to reduce water consumption by 15%.

	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2020 (Baseline)	125	126	104	112	141	149	157	162	159	153	136	132
Goal	106	107	88	95	119	127	134	138	135	130	116	112
2022	106	128	127	131	133	145						
	-15.2%	1.6%	22.1%	17.0%	-5.7%	-2.7%						

All values compared with the standard of 2020 water consumption

Burbank Operating Unit (BOU) Water Production

The table below provides the operational data for the BOU for the months of **July 2021** through **June 2022**.

	BOU Capacity Factor	BOU Ave. Flow Rate	Total System Blend % MWD/BOU
21-Jul	91.93%	8,274 gpm	29% / 71%
21-Aug	84.43%	7,598 gpm	35% / 65%
21-Sep	95.98%	8,638 gpm	23% / 77%
21-Oct	91.06%	8,196 gpm	23% / 77%
21-Oct	91.06%	8,196 gpm	18% / 82%
21-Nov	92.51%	8,326 gpm	14% / 86%
22-Jan	80.41%	7,237 gpm	20% / 80%
22-Feb	82.55%	7,429 gpm	20% / 80%
22-Mar	84.87%	7,638 gpm	20% / 80%
22-Apr	93.03%	8,373 gpm	12% / 88%
22-May	91.64%	8,247 gpm	15% / 85%
22-Jun	88.89%	8,000 gpm	22% / 78%
<i>Ave Blend %-last 12 months</i>			21% / 79%

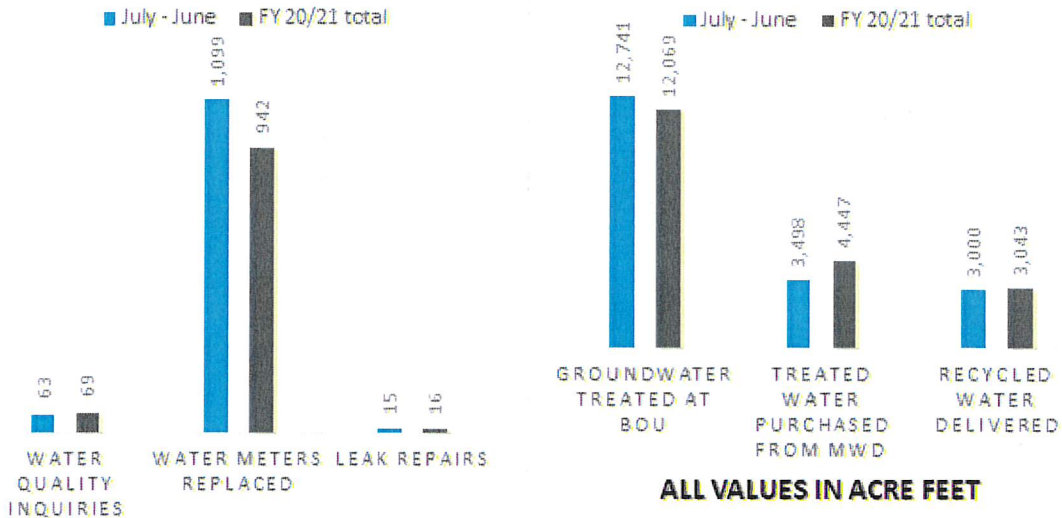
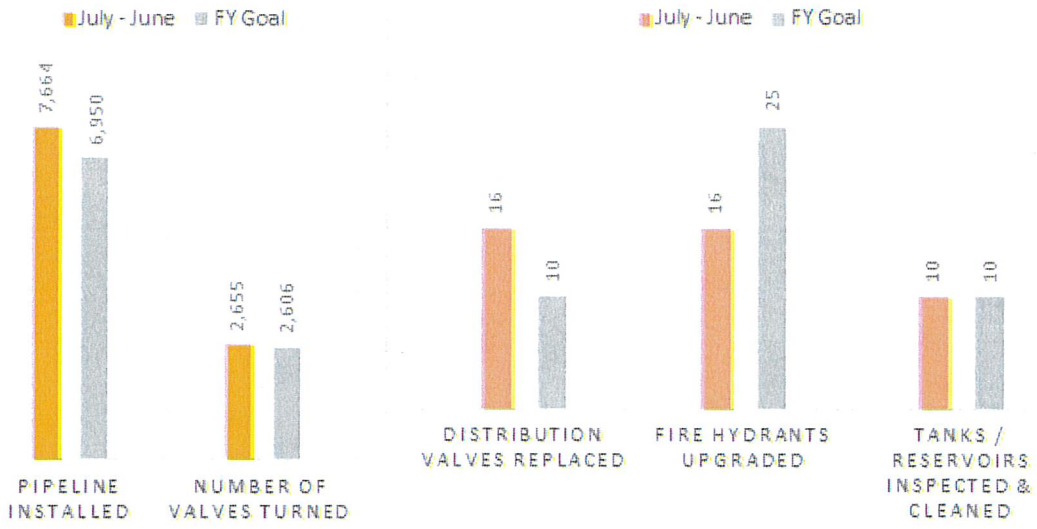
The total system blend percentage represents the total amount of water that was purchased from the Metropolitan Water District (MWD) vs. the amount treated by the BOU. This, along with the capacity factor, is an important measure of efficiency. The capacity factor may fluctuate based on demand and plant production; the blend percentage measures how much of the total system's demand is made of purchased or produced water. 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 progress the water division has made on key performance measures through **June**. Note that the values provided need to be viewed with respect to where we are in the fiscal year. Pipeline installation is **110%** complete, and we are **100%** through the fiscal year.

Chlorine gas deliveries have improved, but the main issue is the availability of truck drivers. To provide a backup to our chlorine gas supplies, staff installed a sodium hypochlorite tank and related equipment so that we now have two forms of chlorine to use (sodium hypochlorite is liquid chlorine – essentially bleach). This spreads the shortage risk across two forms of chlorine instead of relying on just one. Although the availability has slightly improved, the price of the chemical remains volatile. Since June 2021, the cost of chlorine has increased more than 98%.

We closely monitor chlorine gas supplies and track them daily.



Leak Alert Notifications

In 2009, BWP began installing an automated metering infrastructure (AMI) system by Itron. The system consists of endpoints that connect directly to the meter to get the meter read. The meter read was transmitted by radio from the endpoints located in the meter box and received by 10 collectors stationed throughout the city. The data was “backhauled” or bundled using the Tropos radio system and delivered to database servers that accepted and processed the meter data. Full deployment of the system (approximately 26,000 endpoints for water) was completed in 2011.

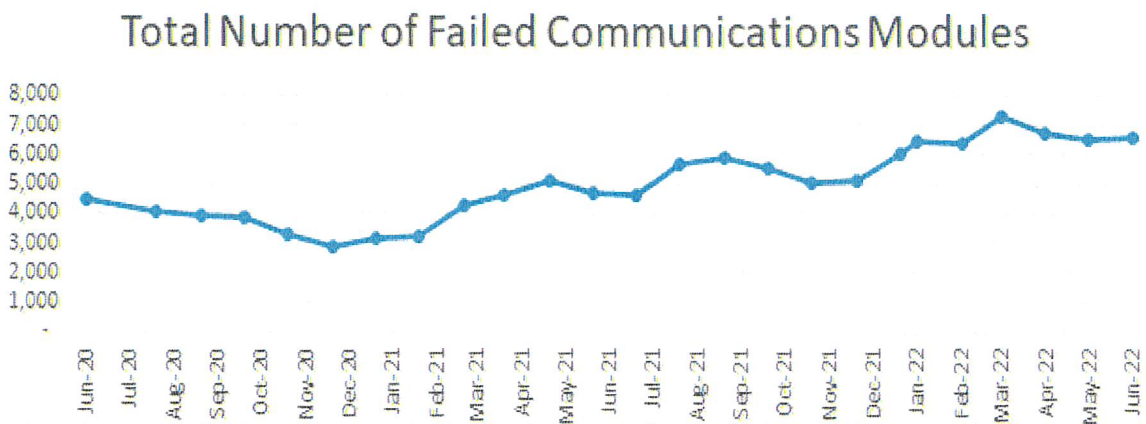
The benefits of AMI technology allow data to be collected rapidly and frequently and can be analyzed to find higher than normal usage and alert customers of leaks. BWP began providing leak alert service to residents who registered to receive notifications. This service, called Water Smart, works by receiving hourly water usage from the meter and

analyzing this data to determine if a leak might be present based on continuous usage. Since 2015, BWP has provided 27,618 leak alerts to customers. Customers either receive email notifications if they provided their email address to BWP, or they receive print leak alert notifications. In addition, customers can sign up for text and voicemail leak alert notifications. **In June 2022, WaterSmart sent out 876 notifications to customers, including 674 email leak alerts, 188 print leak alerts, eight text message leak alerts, and three voice alerts.**

Unfortunately, a high volume of water meter communication modules are not working reliably and replacement units are no longer produced. As of **June 2022**, BWP was not able to receive remote reads for **6,609** water meters out of 27,060 (24% of the total) due to failing communications modules and they had to be read manually. **The graph below shows that since June 2020, the failure rate has averaged 88 failures per month.** In March 2021, staff deployed an interim automatic meter reading (AMR) system to read approximately 800 meters with failed communication modules, and we are now able to read them by manually reading them monthly. We still cannot receive the continuous communication that enables us to notify these customers of leaks.

BWP previously notified customers who participate in the leak alert program that the failure of these communication modules prevents the sending of leak alert notifications, and due to continued failures, BWP is now in the process of notifying additional customers. The AMR system, unfortunately, does not enable BWP to notify customers of leaks at all. This will leave customers vulnerable to unnoticed leaks causing water damage, bills that could reach thousands of dollars as well as unnecessary and significant water waste.

BWP is in the process of developing a new AMI system. We have reviewed proposals for managing the specification development and bid review, and we conducted interviews of the top three firms. The winning firm will also assist with the selection of the installation and procurement contractor and manage the bid and procurement phase for the project.



Burbank's Path to Sustainable Water Use

Burbank Water and Power is committed to facilitating a sustainable community. Our state is currently facing severe drought conditions. The drought makes our water-saving efforts more critical, and BWP wants to ensure our efforts drive lasting change. We have adopted the ADKAR change management model to help us deliver on this transformation and have been planning efforts to help our community make lasting change. The ADKAR change model describes the steps that need to be taken, starting with awareness, desire, knowledge, ability, and re-enforcement. The table below describes these steps, and the actions BWP has completed and plans on completing.

	Completed	Planned
Increasing drought and water conservation awareness	<ul style="list-style-type: none"> • Digital Currents (2022: January, March, April, May, June. 2021: August, September, October, November, December) • Print Currents (April 2022, November 2021, July 2022) • BWP drought webpages • BWP Online Account Manager banners • Social media (Facebook, Twitter, Instagram) • Flyers with watering schedule and conservation programs information • Bill inserts • Bill graphics • Graphic on bill envelope • MyBurbank advertisement • Burbank Channel advertisement • Educational videos (Burbank's water story, drought and conservation programs, and Stage II rules) • Press release – Stage III • Parks & Recreation newsletter advertisement • Burbank Channel advertisement • Educational video for stage III • Water city hall turf with recycled water • Email and letter to commercial, industrial, and institutional (CII) customers about Emergency Water Regulation • Burbank Bus advertising • HeyBurbank feature – July 2022 - https://youtu.be/v6Z2aBQVMCU 	<ul style="list-style-type: none"> • BWP employee efforts for water conservation • Doorhangers for water waste violations • Burbank Recycle Center advertisement • Burbank Bulletin advertisement • Magnolia Blvd banner • Other physical advertising options in Burbank • Enforcement notifications via letter for watering violations: Education letter number 1, Education letter number 2, fine of \$100, fine of \$200, fine of \$500.

<p>Increasing the community's desire to make change</p>	<ul style="list-style-type: none"> • Automated leak alerts to customers • Report water waste online form – Stage II • Report water waste online form – stage III 	<ul style="list-style-type: none"> • Exploring community partnerships to create demonstration gardens and signage on drought tolerant landscaping (have received 5 requests to date) • Targeted communications on irrigation schedule compliance and high-volume users to customers based on WaterSmart AMI information • Table tents for restaurants • Home Improvement Program door-to-door outreach • Exploring options for service-based events for drought
<p>Customer knowledge on how to make change</p>	<ul style="list-style-type: none"> • Signage and pool cover rebate applications for local shops • Drought flyer with water conservation programs information • Lobby signage with water conservation programs information 	<ul style="list-style-type: none"> • Portable signage with water conservation programs information for local events • Customers' testimonials and resource recommendations on turf replacement • Exploring options to offer water conservation and turf replacement classes

<p>Ability to make change</p>	<ul style="list-style-type: none"> • Increased rebate amounts for: <ul style="list-style-type: none"> ○ Flow monitoring device - \$150 ○ High-efficiency clothes washer - \$150 ○ Rotating sprinkler nozzle - \$5 ○ Weather-based irrigation controller - \$100 ○ Soil moisture sensor system - \$100 ○ Premium high-efficiency toilet - \$100 • Home Improvement Program additions for sprinkler check and controller programming for common areas of multi-family unit buildings • Provide no-cost showerheads, and kitchen and bathroom aerators to customers in the BWP lobby • Provide no-cost toilet dye tablets to help customers detect toilet leaks • Leak assistance grant for income-qualified households 	<p>Reducing the cost for customers to make change</p> <ul style="list-style-type: none"> • Reinitiate demonstration garden grants • Additional funding for water efficiency rebates • Innovative Conservation Program (ICP) grant project to enable water usage monitoring and leak detection services for multi-family property owners and tenants • Exploring water conservation giveaway items (adjustable nozzles for hose, etc.) to encourage water use efficiency
<p>Reinforcement, including progress updates and recognition</p>	<ul style="list-style-type: none"> • Fill the "Burbank Tank" graphic that staff will update monthly on the BWP website and in Digital Currents 	<ul style="list-style-type: none"> • Customer recognition program • Lawn signs

Projects

The water crew removed an 8-inch by 2-inch cast iron cross in front of 2929 Riverside Drive due to a leak. This particular section of pipe on Riverside Drive, between Bob Hope and California Street, was installed in the early 1950s. The 2-inch lateral coming off this cross had been abandoned many years ago as it was a dead end. Water crews installed a 6-foot piece of 8-inch ductile iron pipe in place of the cast iron cross-section.





ELECTRIC DISTRIBUTION

ELECTRIC RELIABILITY

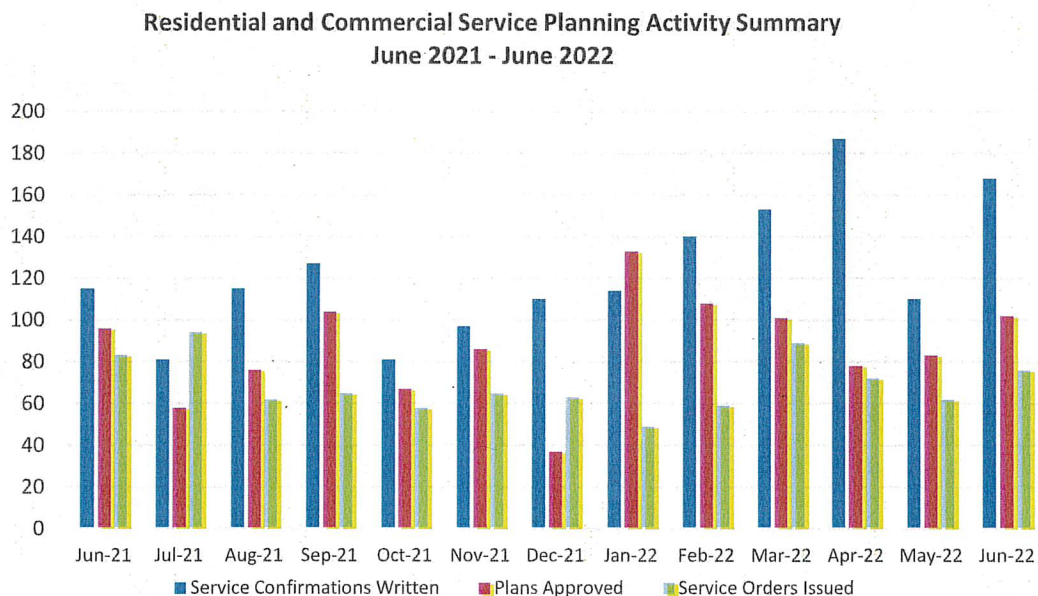
In June 2022, BWP did not experience any sustained feeder outages. In the past 12 months, automatic reclosing has reduced customer outage time by approximately **1,157,173** customer minutes.

Reliability Measurement	July 2020 – June 2021	July 2021 – June 2022
Average Outages Per Customer Per Year (SAIFI)	0.2565	0.3612
Average Outage Time Experienced Per Year (SAIDI)	5.75 minutes	14.96 minutes
Average Restoration Time (CAIDI)	22.42 minutes	41.4 minutes
Average Service Availability	99.999%	99.997%
Average Momentary Outages Per Customer Per Year (MAIFI)	0.2926	0.2764
No. of Sustained Feeder Outages	10	14
No. of Sustained Outages by Mylar Balloons	3	2
No. of Sustained Outages by Animals	0	0
No. of Sustained Outages by Palm Fronds	0	2

PROJECT UPDATES

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.



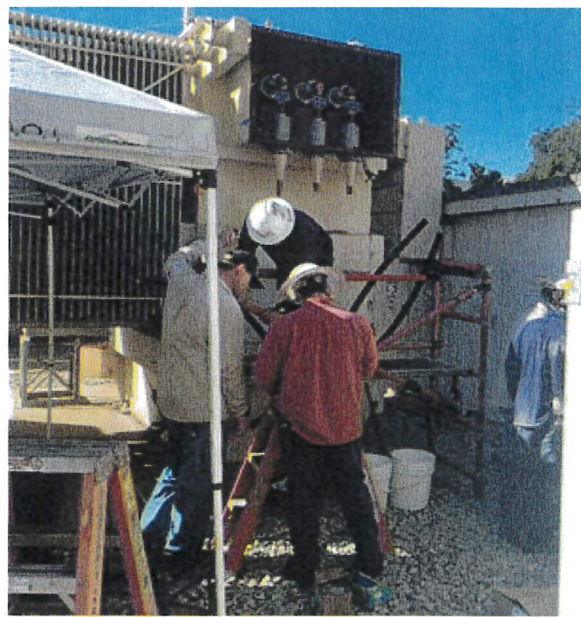
**Activity includes staff revisions to electric confirmations

34.5 kV Transformer Termination Replacement at San Jose Substation

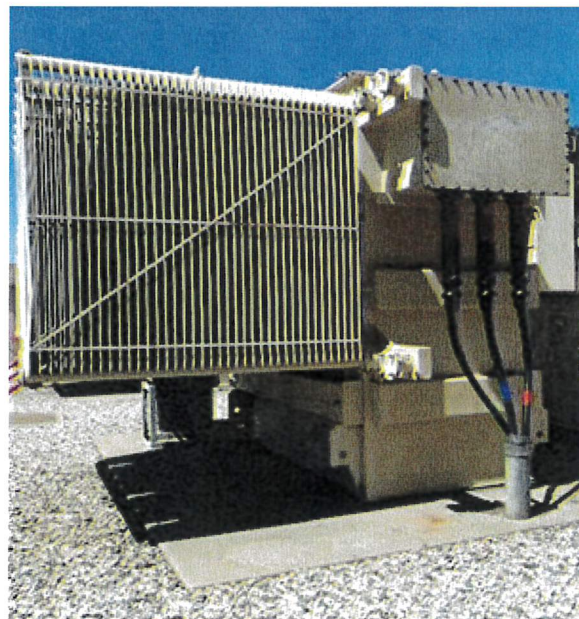
As part of BWP's substation maintenance inspections, BWP personnel noticed a slow progressing leak on one of the San Jose Substation transformer's 34.5 kV terminations. If left unattended, the leak could have progressed into an electrical fault, impacting personnel safety and system reliability. As a result, BWP's electrical distribution field crews replaced the leaking terminations on both transformer banks at San Jose Substation in June.



Old San Jose terminations



During termination replacement



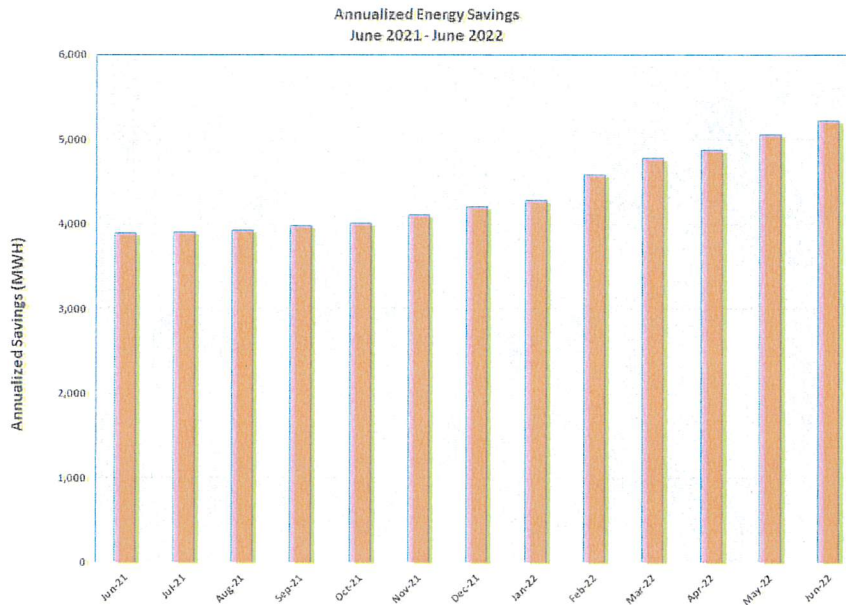
New San Jose terminations

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 daily as the HPS luminaires burn out. The LED replacements consume approximately 60% less energy. To date, **89.63%** of the total street light luminaires have been converted to LEDs,

which translates to an annualized energy savings of **5,215 MWh** or a **56.27%** reduction in energy consumption. LED conversions have also reduced evening load by **1,208 kW**, which shortens the “neck of the duck curve” and reduces the amount of energy generation that BWP needs. The graph below shows the annualized energy savings in MWh for the past 13 months.



*** Note: Starting October 2021, staff started tracking LED installations based on a more reliable source (GIS database). This change resulted in a savings correction of 156 MWh (increase) in annualized savings; previous months have been adjusted accordingly.

Wireless Telecom Attachments

BWP has entered into four master license agreements to allow communication carriers to attach, install, operate, and maintain communication facilities on street light poles with the public right-of-way.

For the communication carriers to build a new location for a wireless telecom attachment, BWP must first provide an electric service confirmation, which details how the location will be served. Each design must meet the city’s aesthetic requirements as well as BWP’s design guidelines. Once BWP approves the plans and a Public Works permit is issued, BWP issues work orders to our field crews to carry out inspection as well as the electrical and street lighting work. The table below summarizes the activity that has taken place to date:

	Confirmations in Progress	Written Confirmations	Plan Signoffs	WTA Work Orders Issued	WTA Sites Energized
Total	15	242	18	11	23

CUSTOMER SERVICE OPERATIONS

BWP continues to assist customers through the COVID-19 pandemic. Customer Service Representatives (CSR) assist customers by making payment arrangements to reduce the amount in arrears and provide additional resources to help customers manage their finances related to their utility bill. BWP staff continue to proactively engage customers to reduce their arrears by encouraging payment arrangements to any customer they interact with that has a 60-day or greater past due balance. **As of July 13, 2022, 174 customers are on an active payment arrangement, resulting in a reduction of arrears by \$324,000. BWP will continue to encourage payment arrangements to assist our customers to manage their outstanding arrears.**

On October 27, 2020, the Burbank City Council approved disconnections to resume for non-payment of medium, large, and extra-large commercial customers. Disconnections were discontinued once California Arrearage Payment Program (CAPP) was announced, due to the prohibition of disconnections for 90 days after applying CAPP funds to customer accounts in May. **Thereafter, BWP began notifying medium, large, and extra-large commercial customers via letter and personal phone calls that disconnection for non-payment would resume as of July 6, 2022 and encouraged payment arrangements. In addition, several communications were sent to customers subject to disconnection including letters, e-mails, and automated phone calls. Between July 6, 2022, through July 12, 2022, twelve commercial customers were subject to disconnection. Out of the twelve, two were disconnected, five paid, and the remaining five enrolled in a payment arrangement.**

In late June, we received notification that the legislature and Governor had approved a new round of funding for unpaid electric bills resulting from the COVID pandemic. There is \$239.4 million available for publicly owned utility (POU) accounts. This new program, known informally as CAPP 2.0, will operate in a similar fashion as CAPP 1.0 with a few key differences. CAPP 2.0 will have a longer COVID-19 pandemic relief period that extends from June 16, 2021, through December 31, 2021 and will only benefit residential customers. Since CAPP 2.0 will not be applied to commercial customers, on August 4, 2022, the BWP Board will review the proposal to resume disconnections for small commercial customers beginning September 1, 2022. This will also require Burbank City Council authorization.

Outstanding Debt

As of June 13, 2022, the following is the current outstanding debt by commodity:

Aging By Service Type					
Service Type	31-60	61-90	91+	Total	% of Total
ELECTRIC	\$ 1,533,696	\$ 405,063	\$ 1,871,376	\$ 3,810,135	56%
WATER	\$ 235,212	\$ 95,900	\$ 423,056	\$ 754,168	11%
SEWER	\$ 163,582	\$ 101,624	\$ 631,952	\$ 897,158	13%
SOLID WASTE	\$ 151,527	\$ 97,464	\$ 657,407	\$ 906,398	13%
FIBER OPTIC	\$ 185,665	\$ 114,798	\$ 77,885	\$ 378,348	6%
GENERAL SERVICE	\$ 1,016	\$ 536	\$ 3,566	\$ 5,118	0%
MISCELLANEOUS	\$ -	\$ 38	\$ -	\$ 38	0%
Grand Total	\$2,270,699	\$815,422	\$3,665,242	\$6,751,363	100%

BWP Call Center Call Types & Volume

Customer Contact Types	% of Calls
Balance	13%
Update Customer Account Info	7%
Residential Start	6%
Conservation Programs & Rebates	4%
Residential Stop	4%

	Jun - 21	Jul - 21	Aug - 21	Sep - 21	Oct - 21	Nov - 21	Dec - 21	Jan - 22	Feb - 22	Mar - 22	Apr - 22	May - 22	Jun - 22	% Inc/May
Call Volume	3,468	3,186	2,594	3,841	3,235	2,845	3,102	3,234	2,833	3,340	3,148	3,314	3,311	0%

Call volume **remained consistent** in **June**. The majority of the calls were related to **balances and requests to update customer account information**. **Additionally, we did see an increase in calls related to conservation programs and rebates, which is most likely a result of our current drought.**

Online Account Manager

The enrollment in the online account manager (OAM) is currently at **62%** of all active accounts; increases in enrollments have also been on the rise since the COVID-19 pandemic. Approximately **49%** of all active BWP residents are signed up for paperless billing. Of all registered OAM accounts, about 82% are paperless customers helping BWP reduce costs and reduce carbon emissions. BWP will continue its efforts to drive customers to the OAM, paperless, and autopay. These initiatives will continue to drive down costs.

Staff believes that 66% customer OAM adoption is an achievable goal for BWP and in line with benchmarking data conducted by First Quartile Consulting, which shows utilities with the highest online account adoption have 66% of customers enrolled in an online account. Previously BWP had set an aspirational target of 80%, which is currently not deemed feasible.

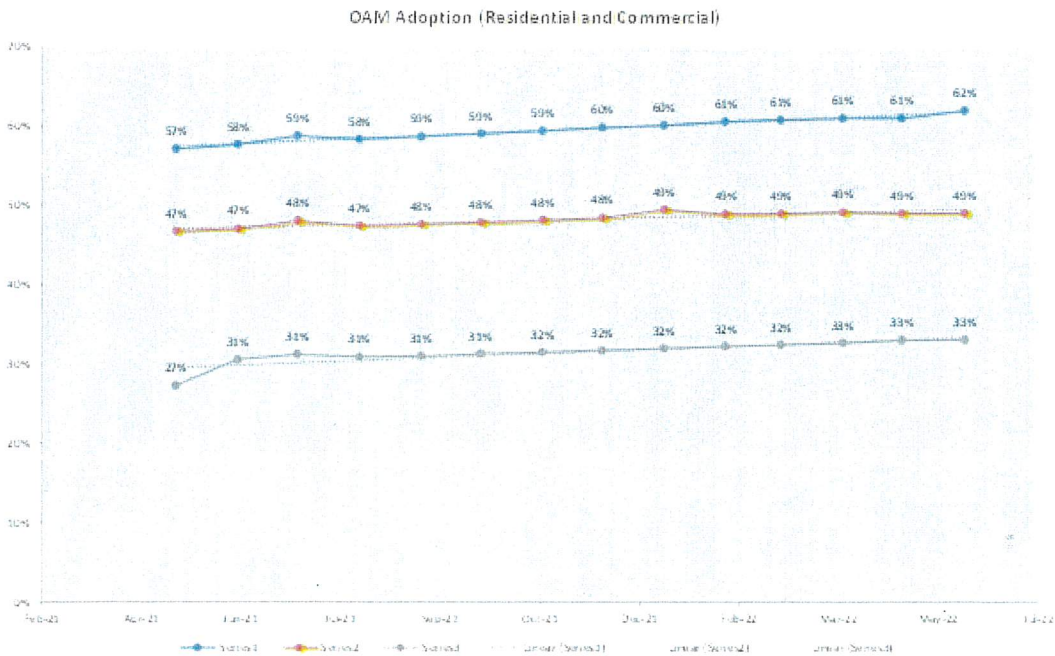
For this fiscal year, BWP marketing promoted a general OAM outreach campaign utilizing every owned channel, including on-bill messaging, *Digital Currents*, print *Currents*, social media, and BWP's website. The second phase is to provide targeted messages to

segments that have not adopted the OAM. The third phase is to provide incentives to adopt the OAM.

BWP is currently in phase two, and we have been targeting the general residential market to increase OAM adoption. About 86% of customers that have not adopted the OAM are residential. Those campaigns have not yielded a significant increase in OAM adoption, so staff is in the process of segmenting our customers further and developing additional targeted messaging. The revised marketing campaign will focus on the clusters of customers who have not yet adopted OAM and address their concerns to overcome barriers to adoption. The campaign was initially targeted to launch in February 2022 but was delayed due to staffing and competing communication priorities. BWP has developed the messaging and designs for various segments and will aim to launch the campaign in August.

Following the launch of the segmented campaign, staff will measure the campaign's effectiveness and determine if phase three efforts are needed to reach the 66% OAM adoption goal.

Below is the chart outlining activity for the OAM:



	Active	% of Total Active Accounts
Active Users	32,277	62%
Paperless	25,920	49%
Autopay	17,396	33%

SUSTAINABILITY, MARKETING, AND STRATEGY

BWP'S Energy Efficiency and Water Savings – Fiscal Year to June 30, 2022

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

The Refrigerator Exchange Program has had a total of **80** refrigerators exchanged since June 2021. In addition, the Home Improvement Program (HIP) resumed in September 2021, with its new and refreshed program offerings. Since resuming services, a total of **317** customers participated in the HIP.

The HIP offers energy-water surveys and efficiency measure installations to all Burbank single-family residential, multi-family residential, and multi-family common area customers. Some of the HIP new services include direct installation services of weather-based irrigation controllers, high-efficiency sprinkler heads, soil moisture sensors for low-income single-family and multi-family common area customers, and the properties within the disadvantaged community areas of Burbank. Furthermore, the program now offers energy-water surveys and the installation of efficiency measures for multi-family common area customers.

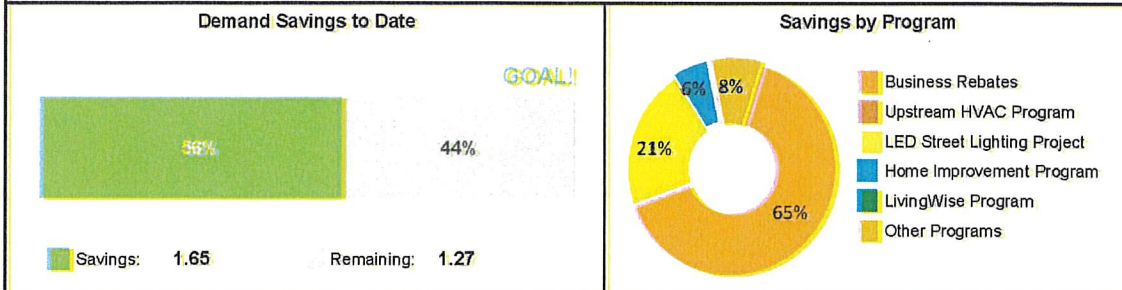
Some additional energy efficiency programs include residential and commercial rebates for the purchase and installation of high-efficiency measures, AC Replace Before It Breaks, Shade Tree, and LivingWise.

Burbank residents and businesses are eligible for rebates for various water-saving technologies to help encourage water efficiency and conservation from the Metropolitan Water District (MWD). Since the beginning of this fiscal year, **205** customers have participated in regional water conservation rebate programs.

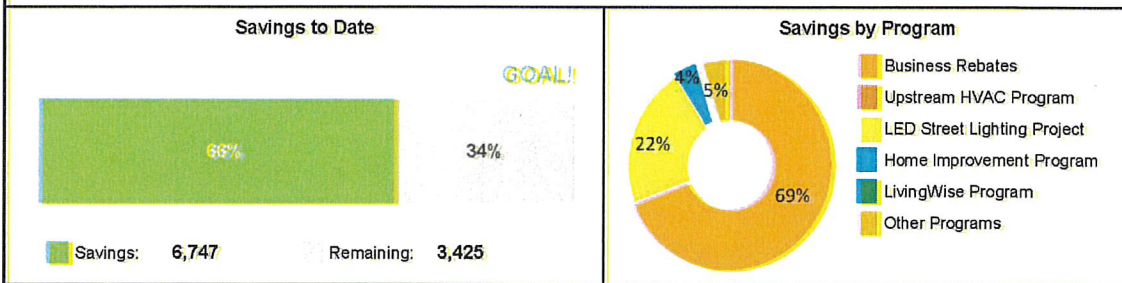
Due to the COVID-19 pandemic and state and local stay-home orders, energy efficiency programs that provided on-site visits were suspended. With the Omicron surge, BWP suspended these program services in December 2021, then resumed them again in February 2022. The COVID pandemic has had a significant impact on program participation and has resulted in not meeting our performance goals for the year. For the fiscal year the Home Improvement Program was not available for five months out of twelve, having to shut down in two different instances. In addition to not meeting the performance goals, BWP is also planning to be significantly under-spent in the electric public benefits account as compared to budget, reflecting the reduced activity. This money will be saved and set aside for future use.

Energy Efficiency Savings FYTD 2021-2022 Period ending on 6/30/2022

1% Demand Goal = 2.92 MW

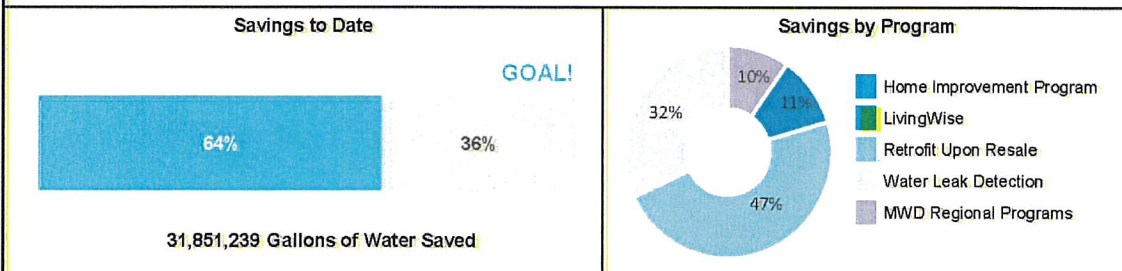


1% Consumption Savings Goal = 10,172 MWh



Water Savings Goal FYTD 2021-2022

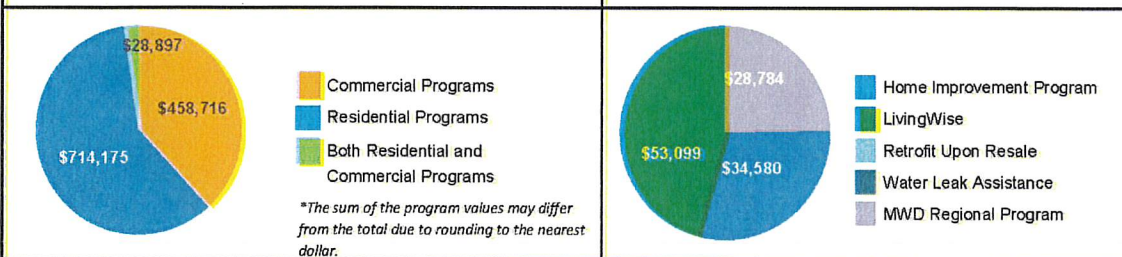
1% (49,630,000 Gallons) Potable Water Savings Goal



Efficiency Investments FYTD 2021-2022

***Electric Programs: \$1,201,788**

Water Programs: \$116,463



Electric Vehicle (EV) Charging Program

BWP plays a key role in facilitating the adoption of transportation electrification through education and the development of programs and initiatives.

The city now has seventy-three public EV charging ports, including 2 DC fast chargers and 24 curbside ports. As of June 1, the public charging rate is \$0.31 per kWh for level 1 and level 2 charging stations from 4 PM – 7 PM, and \$0.18 for all other hours. The public charging rate is \$0.51 per kWh for DC fast chargers from 4 PM – 7 PM and is \$0.29 for all other hours.

Public Charging Energy Delivery

In June, the per-port average revenue was \$33. The low monthly average was due to an error in the programming of the fee by BWP staff during the changeover to the summer charging rates on June 1, 2022. The fee was erroneously given a maximum of \$0.33 per session on the ChargePoint platform during the period from June 1, 2022 until July 11, 2022. On July 11, 2022, this error was found and corrected, the rates are now set to the correct pricing with no per session maximum fee. Daily per port revenue reporting has been set up so that BWP can quickly identify abnormal revenue patterns. With future rate changes, daily port revenue will be monitored to ensure the new rates were programmed correctly.

Period	Average Usage	Average Total Revenue	Average Per Port Revenue	Notes
Dec 2019 - Feb 2020	28,047 kWh	\$4,779	\$101	Pre-COVID, all units operational
March 2020 - Feb 2021	14,211 kWh	\$2,724	\$60	COVID downturn
March 2021 - May 2021	23,889 kWh	\$4,299	\$91	COVID recovery period
June 2021 – June 2022	39,178 kWh	\$7,454	\$102	Post-installation of new ports
May 2022	58,927 kWh	\$2,429	\$33	Most recent month

New Public EV Charging Station Construction

Construction started on four new public level 2 ports near John Burroughs High School on March 10th. This is the first of 8 projects for this fiscal year that will install 31 new level 2 ports and one new DC fast charging station. Construction for four more ports near Theodore Roosevelt Elementary, and 4 more ports near Burbank High School is planned to begin in June.

Due to supply chain issues for electric metering cabinets, the energization of all charging ports for this fiscal year will be delayed into **August**. **The delivery date was scheduled**

for July 6, 2022 and has now been delayed again until August 16, 2022. Staff is working to find alternative sources for metering cabinets.

Commercial Rebate Program

The revamped Commercial Electric Vehicle Charging Station Rebate Program launched on October 1st, along with a new webpage found here: <https://www.burbankwaterandpower.com/leadthecharge>.

BWP **distributed** \$80,000 for **21** ports installed at IKEA, and reserved \$7,200 for 4 ports installed at Warner Bros. An additional rebate of \$8,000 has been reserved for Signature Post who will be installing two charging ports. Staff has received calls from commercial customers interested in applying for as many as 40 ports (the maximum allowed under the new rebate program).

Residential Rebate Program

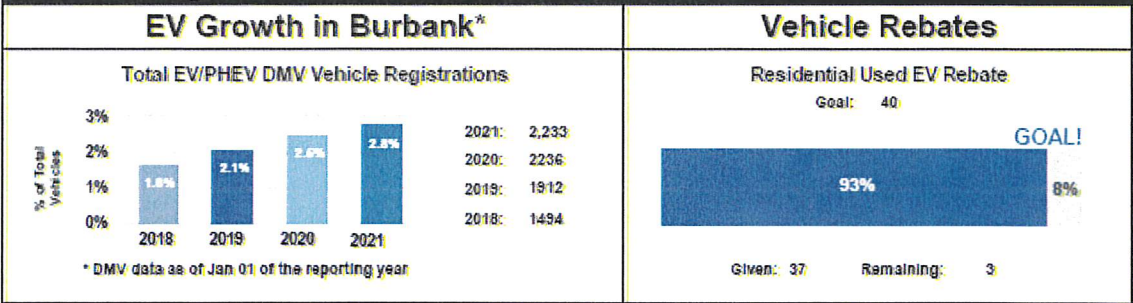
The revamped Residential Electric Vehicle Charging Station Rebate Program launched on March 30th. This includes a panel upgrade adder and additional funds for customers in disadvantaged communities. Customers are now able to receive two rebates per service address instead of only one rebate and can receive increased incentives for smart charging stations.

Facilitate the Installation of 75 EV Ports

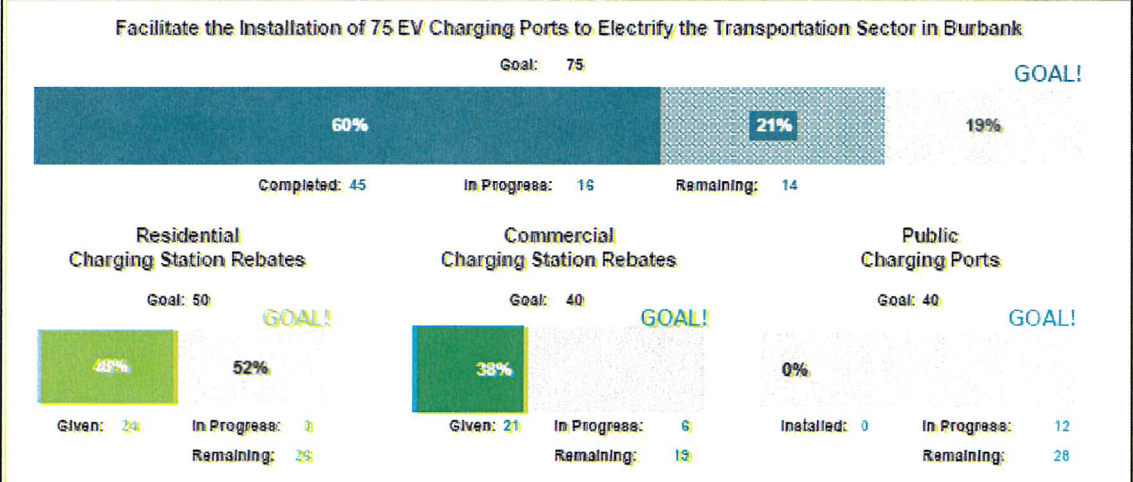
In FY 21-22, BWP had a goal of facilitating the installation of 75 ports in the City of Burbank. **FYTD, BWP has facilitated 68 electric vehicle charging ports within the city.** BWP has distributed 23 residential rebates for ports installed by customers and has distributed rebates for 21 commercial ports installed by customers. BWP has also taken rebate reservations for an additional 4 installed ports. An additional 24 ports were installed by customers who received some assistance and guidance from BWP but did not apply for rebates.

BWP had planned to add 33 public charging ports across eight different sites in FY 21-22, but to date none have been installed due to supply chain delays in service cabinets which were originally due in May and June and are now expected sometime between August and October. Two sites and eight ports are awaiting service cabinets prior to making them available to the public. The other six sites and 25 ports have had permitting and construction deprioritized due to the known service cabinet delay. These projects are planned to commence again in August in anticipation of service cabinet delivery.

Transportation Electrification 2021-2022 Period ending on 6/30/2022



Transportation Electrification Initiatives for FY 2021-2022



Public Charging Port Statistics

	Public Charging Ports		Total Sessions	Total Energy	Total Revenue	Total GHG *Reduced	Charging Sessions at 'Peak	²Charging Occupancy
	Total Ports	Total Available						
June:	73	73	5,542	58,927	\$2,429	33,944	16%	23%
Average:	73	73	4,196	41,631	\$7,219	24,160	21%	16%
FY Total:	73	73	50,353	499,570	\$86,628	289,919	21%	16%

* 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 08/09/2020.

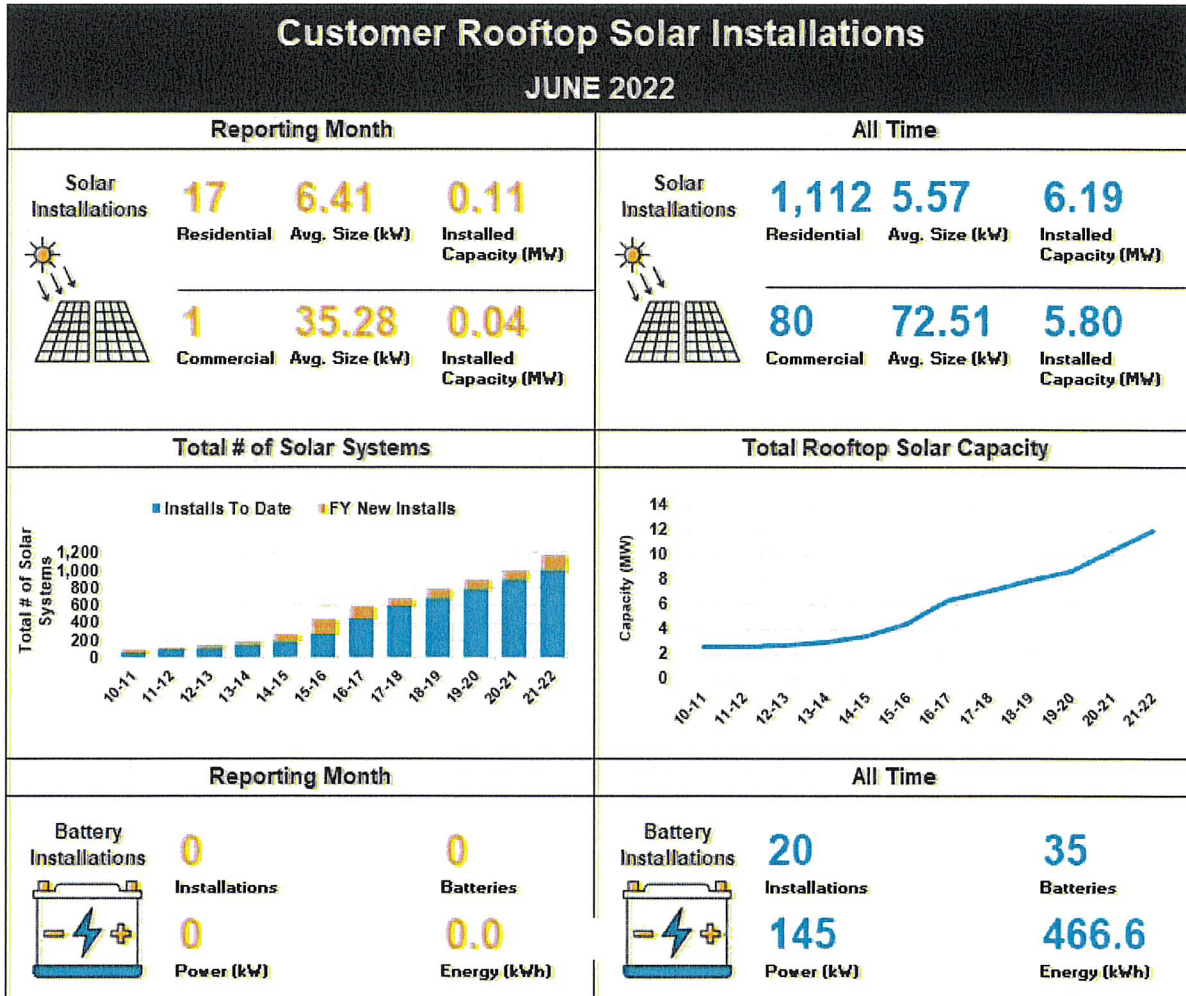


¹Peak is defined as 4 – 7 PM, as is reflected in the Public EV Charging Station rate

²Charging 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

Rooftop Solar and Battery Installations

Customer-owned rooftop solar system installations continue to grow. Burbank Water and Power does not provide rebates for installing these systems. However, the 26% Federal Investment Tax Credit in 2020-2022 makes purchasing solar and/or battery systems more accessible. The tax credit expires starting in 2024 unless renewed by Congress.



TECHNOLOGY

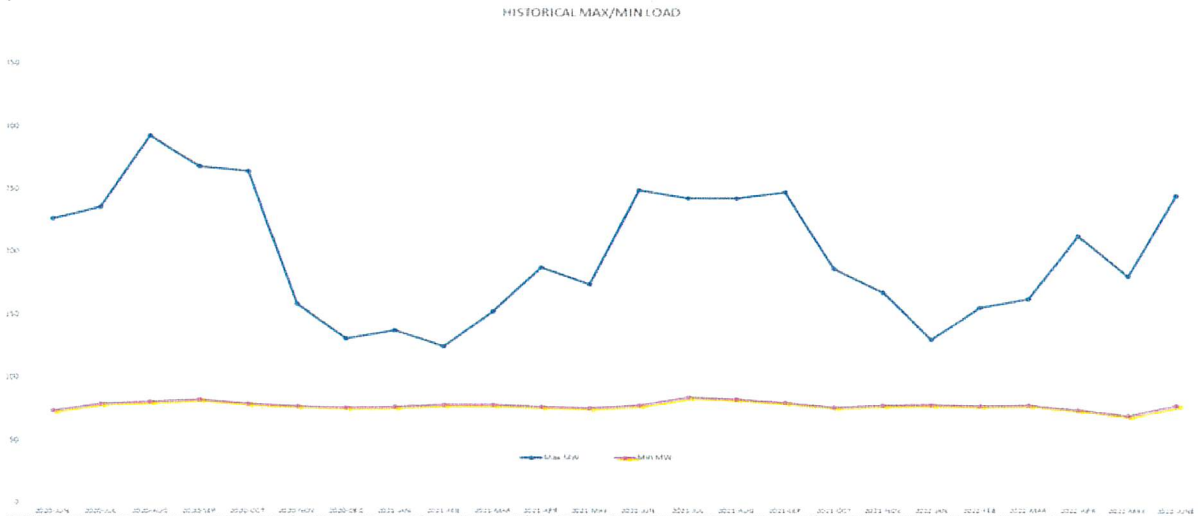
Broadband Services (ONEBurbank)

	June 2022 New Orders	Revenues for June 2022	FYTD 2021-22 Revenues	FYTD Budget
Lit	3	\$158,530	\$1,845,059	\$1,620,000
Dark	2	\$190,390	\$2,213,630	\$2,430,000
Total	5	\$348,920	\$4,058,689	\$4,050,000

POWER SUPPLY

BWP SYSTEM OPERATIONS:

The maximum load for June 2022 was 244.2 MW at 4:42 PM on June 27, 2022, and the minimum load was 77.1 MW at 6:00 AM on June 19, 2022.



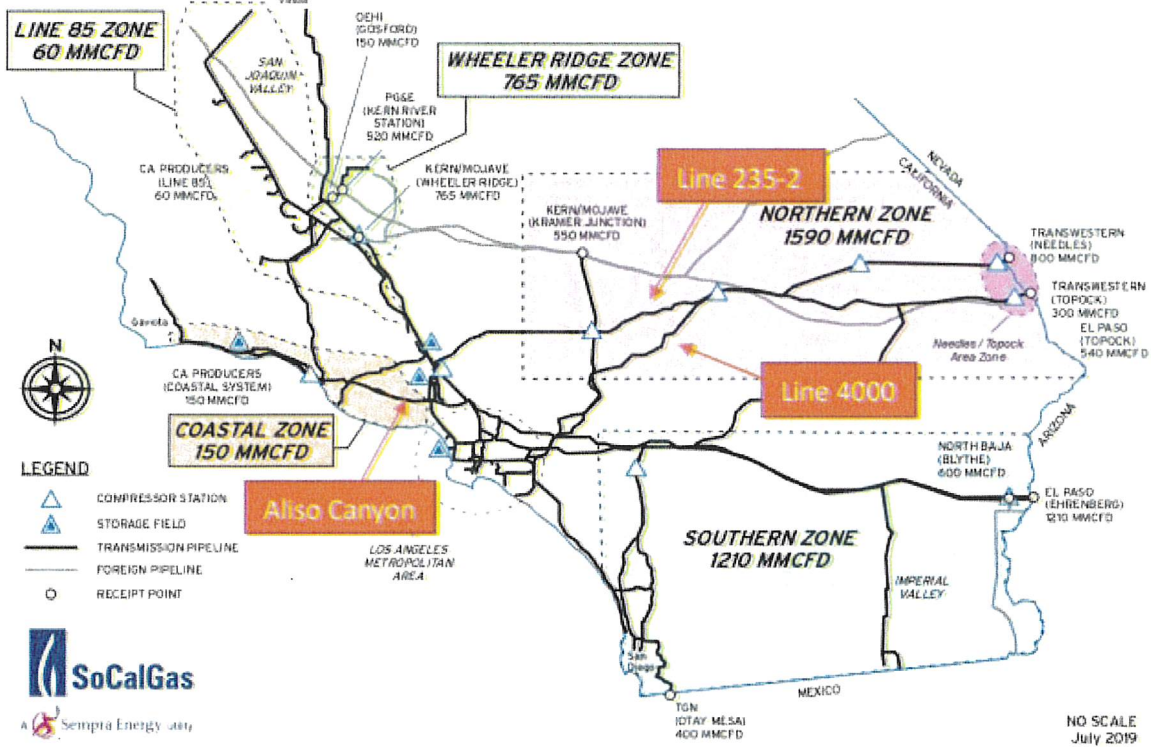
YEAR	MAX LOAD	MAX DATE
2022	244.2 MW	27-June-22 16:42
2021	248.5 MW	15-June-21 14:57
2020	292.3 MW	18-Aug-20 15:22
2019	282.66 MW	04-Sep-19 15:31
2018	306.3 MW	06-Jul-18 16:41

The Burbank power system did not experience any operational issues or natural gas supply issues for June 2022.

Southern California continues to experience natural gas reliability and affordability challenges because of supply and demand mismatches. SoCalGas' system capacity and supply are primarily a function of two components: (1) transmission pipelines, which bring gas into and then transport it throughout the system; and (2) underground natural gas storage connected to transmission pipelines near system load. While one component of the system's limited supply is the transmission pipeline reductions and outages, the other critical component is storage operating constraints from the CPUC restricting the use of the Aliso Canyon Storage Facility. The current effective withdrawal protocol is restrictive but is less restrictive than the previous protocol, in that Aliso Canyon was only allowed to be withdrawn from if curtailment was imminent, but now can occur under less acute circumstances. We are keeping a close eye on labor issues and inflationary pressures

and will provide an update as we get more information. We are also monitoring Senate Bill 1486, which would limit operations at Aliso Canyon, post 2027.

Image 1: Receipt Points & Transmission Zone Firm Capacities



ELECTRICITY GENERATION:

BWP Generating Facilities

Unit	Availability	Operating Hrs	MWH (Net)	Net Heat Rate (Btu/kWh)	Number of Starts
Olive 1	0%	0	0	0	0
Olive 2	0%	0	0	0	0
Lake 1	100%	62	2,185	10,632	6
MPP	92%	660	115,764	7,707	1

Olive 1 and 2 remained in dry storage, with a 120-day notice required to restart. Olive 1 and 2 have been in dry storage since 2011 and 2012, respectively.

Lake 1 was placed online six times during the month of **June**.

Magnolia Power Project (MPP)

	June	FYTD	YTD
Availability	92%	95%	93%
Unit Capacity Factor (240 MW)	67%	67%	66%

The annual heat recovery steam generator safety valve testing at MPP was completed on June 23, 2022. MPP was shut down on June 24, 2022, to perform an offline water wash of the combustion turbine compressor and other balance of plant maintenance. MPP was restarted on June 27, 2022.

Tieton Hydropower Project (Tieton)

Tieton began generation on March 31, 2022, when sufficient water flow provided by the United States Bureau of Reclamation became available. In June, both generators were in operation and 10,761 MWh were generated.

ENVIRONMENTAL

Air Quality

Air quality tests were conducted on Lake and MPP on May 17, 2022, and May 19, 2022. The tests were completed successfully, and the formal reports were submitted to the South Coast Air Quality Management District (SCAQMD). Air quality testing is required by the Environmental Protection Agency (EPA) and the SCAQMD to ensure the facility is operating in accordance with its permit.

Storm Water

The State Water Resources Control Board Industrial General Permit requires industrial facilities to collect, at a minimum, four stormwater samples per reporting year and compare them to statewide regulatory limits. On March 28, 2022, the third set of stormwater samples was collected for the current reporting year. The results from previous samples continue to indicate ongoing compliance issues with metals, specifically zinc and copper. Samples were also collected from the offsite influent that commingles with BWP's stormwater discharge. The offsite samples also exceeded the limits for metals.

In order to address the stormwater compliance issues, BWP is in the process of implementing a campus stormwater improvement project. BWP initially completed the proposed project's California Environmental Quality Act (CEQA) Initial Study/Mitigated Negative Declaration in 2019. However, recent amendments to the CEQA guidelines now require an update to the CEQA Initial Study/Mitigated Negative Declaration. The updated Initial Study/Mitigated Negative Declaration CEQA public review period started on June 22, 2022 and will end on July 22, 2022. The environmental review was expected to be finalized when the project was approved by the Burbank City Council. However, the

engineering design and permitting phase have taken longer than originally expected due to the complexity of the project as well as other factors, including the onset of a pandemic. MNS Engineers was contracted to prepare the final design plans, as well as provide engineering support and permitting support for the project. The project's final design is complete and bid specifications will be prepared, and a request for proposals (RFP) will be issued for the construction activities. As an interim measure, BWP has also applied for time schedule orders (TSOs) that include interim limits, which are achievable for this site. The final TSOs were approved by the Los Angeles Regional Water Quality Control Board (LAWQCB) on June 7, 2021. These TSOs and interim limits will apply until the improvement project is complete. Milestone achievements are required, and project completion must be achieved by November 17, 2023. BWP submitted a TSO amendment request to the LAWQCB. The amendment consists of consolidating the BWP and MPP facilities into one TSO, requesting coverage for copper and updating the project schedule. The TSO amendment has been reviewed by the LAWQCB management and is currently undergoing public review.

PROJECT UPDATES:

Power Resources

Renewable Portfolio Standard (RPS) Compliance

BWP continues to be on track to meet RPS compliance requirements for the calendar year 2022. The calendar year 2022 goal is 38.5% RPS. BWP staff continues to evaluate renewable resources in order to meet future compliance requirements. Staff updated the RPS Procurement Plan and Enforcement Program in December 2021, which shows BWP's path forward with RPS compliance. Staff is currently working on three new renewable contracts, in order to maintain RPS compliance for future years.

Integrated Resource Plan (IRP) Update

BWP is starting to review options for a new IRP, which is due to the CEC in 2024. Stakeholder engagement efforts, compliance, and costs will be some of the major factors in the 2024 IRP. BWP is in the process of evaluating proposals received for the IRP. The IRP development and stakeholder engagement process is expected to take 6-12 months to complete.

Transmission Update

BWP is partnering with LADWP on additional renewable contracts and opportunities. BWP will continue to meet with LADWP monthly to discuss transmission needs. BWP is working with LADWP on the update to the Open Access Transmission Tariff (OATT) process. LADWP has delayed the implementation of new rates by 2-3 months, with an implementation date in early fiscal year 2023. The rates are expected to increase significantly and final numbers will be known by the end of 2022.

Intermountain Power Project (Delta, UT) Renewal Progress

LADWP, BWP, and GWP (the IPP repowering participants) are working together to create a detailed roadmap for green hydrogen production and power generation at IPP. In the medium-term, the IPP renewal participants are targeting 30% green hydrogen combustion by July 2025, when the IPP repower project is scheduled to come online. On a monthly basis, IPP participants continue to meet to discuss the IPP renewal, including concerns on facilities development and potential additional resources at the site. An update on the IPP renewal project will be provided in the summer.

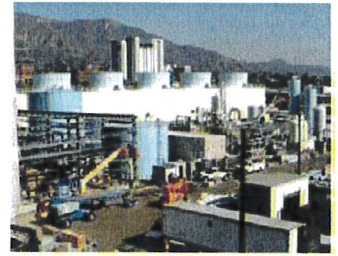
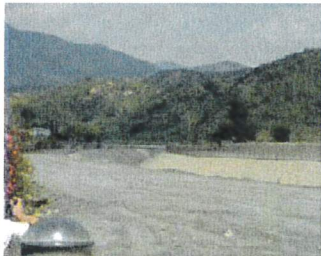
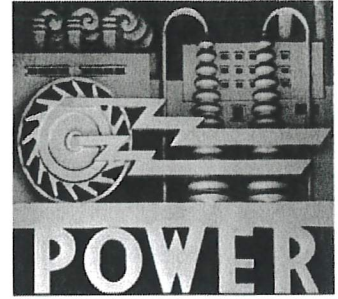
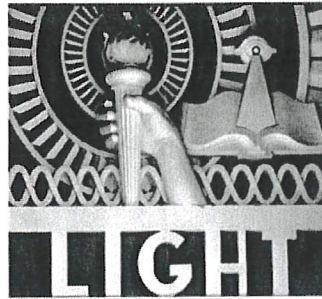
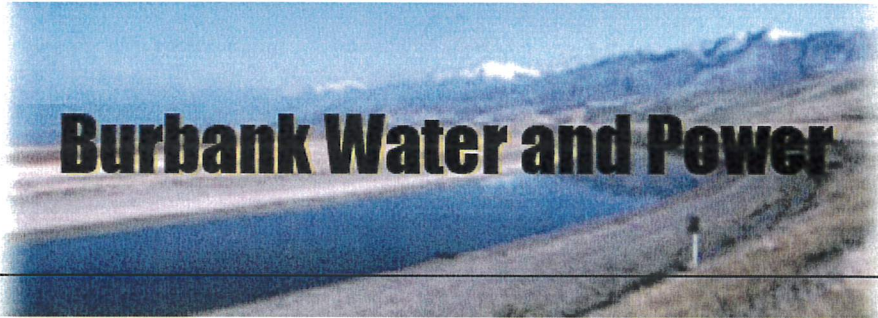
Staff continues to actively work with Intermountain Power Agency on cost increases due to the Hydrogen Betterments Project and coal supply issues. In regard to the coal supply concerns, IPP participants agreed to limit the output of the IPP units, for the past 9 months, to maintain a minimum megawatt supply sufficient to preserve the integrity of the Southern Transmission System direct current lines and meet the participants' minimal needs during the less critical times of the year. This operational change allowed for the growth of the existing coal pile, to a sufficient level, to meet the critical needs of the participants, during the third quarter of the calendar year. As of July 1, 2022, BWP's share of the two units was increased to 70 MW and can be dispatched as need. The current coal supply estimates, which are subject to change, show that we will be able to run two units up to an average of an 80% capacity factor, from July 2022 to September 2022.

Power Production

Lake One Power Plant Emissions Retrofit Project

The Burbank City Council authorized the BWP General Manager to enter into a design-build agreement with ARB, Inc. for the Lake One Power Plant Emissions Retrofit Project on Tuesday, June 7, 2022. Staff is working with the Purchasing Division to **issue a purchase order for the project. The project kickoff meeting with the contractor is tentatively scheduled for the week of July 18th.**

The new emissions control system will allow Lake One to remain in compliance with upcoming air quality requirements. The project consists of designing, engineering, permitting, constructing/installing, commissioning, and testing the new emissions system. This project is planned to conclude in the first half of 2023.



**Financial Report
May-22**

**Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets ^{(1) (2)}
MTD and FYTD May 2022
(\$ in 000's except MWh Sales)**

MTD Actual FY 21-22	MTD Budget FY 21-22	\$ Variance	% Variance	NEL MWh	YTD Actual FY 21-22	YTD Budget FY 21-22	\$ Variance	% Variance
80,848	88,031	(7,183)	(8%) ^(a)		929,260	1,005,604	(76,344)	(8%) ^(A)
Retail								
\$ 12,063	\$ 13,249	\$ (1,187)	(9%)	Retail Sales	\$ 140,374	\$ 152,088	\$ (11,714)	(8%)
409	566	(156)	(28%)	Other Revenues	4,587	6,230	(1,643)	(26%) ^(B)
11,450	9,145	(2,305)	(25%) ^(b)	Retail Power Supply & Transmission	108,430	99,516	(8,915)	(9%) ^(C)
1,021	4,671	(3,650)	(78%)	Retail Margin	36,531	58,802	(22,272)	(38%)
Wholesale								
1,565	3,777	(2,213)	(59%)	Wholesale Sales	13,150	45,045	(31,894)	(71%)
1,312	3,658	2,346	64%	Wholesale Power Supply	11,452	44,196	32,743	74%
253	119	133	112%	Wholesale Margin	1,698	849	849	100%
1,274	4,790	(3,516)	(73%)	Gross Margin	38,229	59,651	(21,423)	(36%)
Operating Expenses								
641	964	323	33% ^(c)	Distribution	7,555	10,800	3,245	30% ^(D)
173	140	(32)	(23%) ^(d)	Administration/Safety	1,565	1,582	17	1%
173	258	85	33% ^(e)	Finance, Fleet, & Warehouse	1,893	3,005	1,112	37% ^(E)
711	519	(192)	(37%) ^(f)	Transfer to General Fund for Cost Allocation	5,675	5,707	33	1%
407	502	95	19% ^(g)	Customer Service, Marketing & Conservation	4,582	6,234	1,653	27% ^(F)
113	366	254	69% ^(h)	Public Benefits	1,672	4,206	2,533	60% ^(G)
96	214	118	55% ⁽ⁱ⁾	Security/Oper Technology	2,082	1,605	(478)	(30%) ^(H)
118	124	6	5%	Telecom	1,170	1,413	243	17% ^(I)
350	202	(148)	(73%) ^(j)	Construction & Maintenance	1,835	2,232	397	18% ^(J)
1,699	1,881	181	10%	Depreciation	19,568	20,686	1,118	5%
4,481	5,170	689	13%	Total Operating Expenses	47,597	57,470	9,873	17%
\$ (3,208)	\$ (380)	\$ (2,827)	(743%)	Operating Income/(Loss)	\$ (9,368)	\$ 2,181	\$ (11,550)	(529%)

**Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets ^{(1) (2)}
MTD and FYTD May 2022**

(\$ in 000's)

	MTD Actual		MTD Budget		YTD Actual		YTD Budget		%
	FY 21-22		FY 21-22		FY 21-22		FY 21-22		
	\$	Variance	\$	Variance	\$	Variance	\$	Variance	
	(3,208)	(380)	66	(2,827)	(9,368)	2,181	(11,550)	(529%)	
Operating Income/(Loss)									
Other Income/(Expenses)									
Interest Income	105	39	66	58% (k)	1,025	728	297	41% (k)	
Other Income/(Expense) ⁽⁴⁾	791	765	26	2926% (l)	510	(2,372)	2,883	122% (L)	
Bond Interest/ (Expense)	(279)	-	(279)	0%	(3,073)	(3,073)	-	0%	
Total Other Income/(Expenses)	616	803	(187)	429%	(1,537)	(4,717)	3,179	67%	
Net Income	(2,591)	(2,024)	(567)	(357%)	(10,906)	(2,535)	(8,370)	(330%)	
Capital Contributions (A/C)	(91)	(1,306)	1,215	(108%) (m)	4,633	13,360	(8,726)	(65%) (M)	
Net Change in Net Assets	(2,683)	(3,330)	647	(515%)	(6,272)	10,824	(17,097)	(158%)	

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 damaged property recovery, connection fees, late fees, and tampering fees.

4. Other Income/(Expense) includes a one-time payment to CalPERS (for pension), revenues and expenses related to Low Carbon Fuel Standard credits, and miscellaneous revenue from the sale of scrap materials, inventory, and assets, as well as BABS subsidy.

**Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets - Footnotes
MTD May 2022
(\$ in 000's)**

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(a)	Electric Usage in MWh	80,848	88,031	(7,183)	NEL is 8% lower than budget, which is driven primarily by the pandemic beginning in March 2020. The average high temperature in May was 76.1°F, compared to the 15-year average high temperature of 75.5°F. The average low temperature was 53.8°F, compared to the 15-year average low temperature of 54.3°F. MTD CDD were 57 versus the 15-year average of 65.
(b)	Retail Power Supply & Transmission	11,450	9,145	(2,305)	The unfavorable variance is attributable to various components within Retail Power Supply & Transmission. Please refer to page 5 for additional details.
(c)	Distribution	641	964	323	The favorable variance is primarily attributable to the timing of capital labor and work for others.
(d)	Administration/Safety	173	140	(32)	The unfavorable variance is primarily attributable to higher than planned leave expense.
(e)	Finance, Fleet, & Warehouse	173	258	85	The favorable variance is primarily attributable to vacancies, the timing of software purchases and professional services and work for other departments.
(f)	Transfer to General Fund for Cost Allocatic	711	519	(192)	The unfavorable variance is primarily attributable to the timing of payments for transfers to the general fund for cost allocations.
(g)	Customer Service, Marketing & Conservation	407	502	95	The favorable variance is primarily attributable to the timing of professional services and software/hardware purchases.
(h)	Public Benefits	113	366	254	The favorable variance is primarily attributable to the timing of professional services.
(i)	Security/Oper Technology	96	214	118	The favorable variance is primarily attributable to the timing of software/hardware purchases.
(j)	Construction & Maintenance	350	202	(148)	The unfavorable variance is primarily attributable to the timing of custodial services.
(k)	Interest Income	105	66	39	The favorable variance is attributable to higher cash on hand than planned.
(l)	Other Income/(Expense)	791	26	765	The favorable variance is primarily attributable to BABs subsidies and the timing of expenses related to Low Carbon Fuel Standard credits.
(m)	Capital Contributions (AIC)	(91)	1,215	(1,306)	The unfavorable variance is attributable to refunding of AIC billed in error.

**Burbank Water and Power
Electric Fund (496)
Statement of Changes in Net Assets - Footnotes
FYTD May 2022
(\$ in 000's)**

Foot- note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(A)	Electric Usage in MWh	929,260	1,005,604	(76,344)	- NEL is 8% lower than budget, which is driven primarily by the pandemic beginning in March 2020. Summer (Jul-Sep) actual average high temperature was 87.9°F, compared to the 15-year average high temperature of 87.7°F. Summer (Jul-Sep) CDD were 918 versus the 15-year average of 944.
(B)	Other Revenues	4,587	6,230	(1,643)	- 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. The unfavorable variance is also attributable to the moratorium on fees in light of the COVID-19 pandemic.
(C)	Retail Power Supply & Transmission	108,430	99,516	(8,915)	- The unfavorable variance is attributable to various components within Retail Power Supply & Transmission. Please refer to page 6 for additional details.
(D)	Distribution	7,555	10,800	3,245	- The favorable variance is primarily attributable to higher than planned capital labor and work for other departments.
(E)	Finance, Fleet, & Warehouse	1,893	3,005	1,112	- The favorable variance is primarily attributable to vacancies and the timing of software purchases.
(F)	Customer Service, Marketing & Conservation	4,582	6,234	1,653	- The favorable variance is primarily attributable to vacancies, lower than planned professional services, and to delaying the adjustment for uncollectible debt in light of federal funds received to pay down customer arrearages.
(G)	Public Benefits	1,672	4,206	2,533	- The favorable variance is primarily attributable to lower than planned professional services.
(H)	Security/Oper Technology	2,082	1,605	(478)	- The unfavorable variance is primarily attributable to delays in capital labor and work for others.
(I)	Telecom	1,170	1,413	243	- The favorable variance is primarily attributable to savings due to vacant positions, lower than planned spending on professional and private contractual services and work for others.
(J)	Construction & Maintenance	1,835	2,232	397	- The favorable variance is primarily attributable to vacancies and to lower than planned spending on building ground maintenance and repairs.
(K)	Interest Income	1,025	728	297	The favorable variance is attributable to higher cash on hand than planned.
(L)	Other Income/(Expense)	510	(2,372)	2,883	- The favorable variance is primarily attributable to BABs subsidies, lower than planned expenses related to Low Carbon Fuel Standard credits and to higher than planned miscellaneous revenue from the sale of scrap materials, inventory, and assets.
(M)	Capital Contributions (AIC)	4,633	13,360	(8,726)	- The unfavorable variance is attributable to the timing of AIC projects.

May 2022 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): \$(2,591)</u>	\$ -	\$ (2,024)	\$ (2,024)
 <u>MTD GROSS MARGIN VARIANCE</u>			
Retail Sales	-	(1,187)	(1,187)
Power Supply and Transmission:			
- Lower retail load	165	-	165
- Lower than planned renewables cost and other	29	-	29
- Higher transmission	-	(392)	(392)
- Higher energy prices	-	(658)	(658)
- New minimum for IPP and Hydrogen Betterment	-	(1,215)	(1,215)
- Higher O&M excluding Lake Unit repairs	-	(90)	(90)
- SCPPA True-up and prior period adjustments	-	(145)	(145)
Other Revenues	-	(158)	(158)
Wholesale Margin	133	-	133
Total	<u>\$ 328</u>	<u>\$ (3,844)</u>	<u>\$ (3,516)</u>
 <u>MTD O&M AND OTHER VARIANCES</u>			
Distribution	323	-	323
Administration/Safety	-	(32)	(32)
Finance, Fleet, & Warehouse	85	-	85
Customer Service, Marketing & Conservation	95	-	95
Public Benefits	254	-	254
Security/Oper Technology	118	-	118
Telecom	6	-	6
Construction & Maintenance	-	(148)	(148)
Depreciation expense	181	-	181
All other	611	-	611
Total	<u>\$ 1,672</u>	<u>\$ (180)</u>	<u>\$ 1,492</u>

May 2022 Budget to Actual P&L Variance Highlights - Electric Fund
(\$ in 000's)

	Variance Fiscal Year-to-Date		
	Favorable Items	Unfavorable Items	Budget to Actual Variance
<u>FYTD NET INCOME/(LOSS): \$(10,906)</u>	\$ -	(8,370)	\$ (8,370)
<u>FYTD GROSS MARGIN VARIANCE</u>			
Retail Sales	-	(11,714)	(11,714)
Power Supply and Transmission			
- Lower retail load	1,718	-	1,718
- Lower than planned renewables cost and other	1,477	-	1,477
- Higher transmission	-	(40)	(40)
- Higher energy prices	-	(7,756)	(7,756)
- New minimum for IPP and Hydrogen Betterment	-	(5,241)	(5,241)
- Lower O&M excluding Lake Unit repairs	2,288	-	2,288
- Lake unit repairs	-	(4,794)	(4,794)
- Retail load management and economic dispatch	2,289	-	2,289
- SCPPA True-up and prior period adjustments	1,144	-	1,144
Other Revenues	-	(1,643)	(1,643)
Wholesale Margin	849	-	849
Total	\$ 9,765	\$ (31,187)	\$ (21,423)
<u>FYTD O&M AND OTHER VARIANCES</u>			
Distribution	3,245	-	3,245
Administration/Safety	17	-	17
Finance, Fleet, & Warehouse	1,112	-	1,112
Customer Service, Marketing & Conservation	1,653	-	1,653
Public Benefits	2,533	-	2,533
Security/Oper Technology	-	(478)	(478)
Telecom	243	-	243
Construction & Maintenance	397	-	397
Depreciation expense	1,118	-	1,118
All other	3,212	-	3,212
Total	\$ 13,530	\$ (478)	\$ 13,052

**Burbank Water and Power
Electric Fund (496)
Statement of Cash Balances (a)**
(\$ in 000's)

	May-22	Apr-22	Mar-22	Dec-21	Sep-21	Jun-21	Mar-21	Dec-20	Sep-20	Jun-20	Jun-19	Recommended Reserves	Minimum Reserves
Cash and Investments													
General Operating Reserve	\$ 74,169	\$ 77,593	(b) \$ 79,152	\$ 78,621	\$ 70,437	(c) \$ 73,156	\$ 70,186	\$ 65,223	\$ 65,133	(d) \$ 52,719	(e) \$ 67,320	\$ 52,010	\$ 37,570
Capital & Debt Reduction Fund	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	21,000	5,200
BWP Projects Reserve Deposits at SCPFA (a)	3,793	3,792	3,792	3,771	3,762	3,740	4,210	6,021	3,769	17,163	16,817		
Sub-Total Cash and Investments	87,962	91,386	92,544	92,392	84,199	86,896	84,396	81,244	78,902	79,882	94,137	73,010	42,770
Customer Deposits	(10,105)	(10,232)	(10,297)	(10,762)	(7,870)	(4,245)	(2,722)	(3,053)	(1,488)	(1,811)	(5,841)		
Public Benefits Obligation	(9,314)	(9,146)	(9,065)	(8,883)	(8,594)	(8,128)	(8,198)	(8,287)	(7,826)	(6,990)	(8,069)		
Pacific Northwest DC Inertle	-	-	-	-	-	-	-	(45)	(48)	(62)	(2,218)		
Low Carbon Fuel Standard (b)	(3,604)	(3,239)	(3,786)	(2,767)	(2,855)	(2,989)	(2,470)	(3,273)	(3,394)	(3,642)	(2,287)		
IPP Decommission	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	-	-	-	-	-		
Cash and Investments (less Commitments)	62,940	66,769	67,786	67,980	62,969	69,523	71,005	66,556	65,149	67,376	77,942	73,010	42,770

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

(b) Includes a \$3.95M loan to the Water Fund for the purchase of cyclic storage water.

(c) Denotes funds reserved related to the sale of Low Carbon Fuel Standard (LCFS) credits, net of Electric Vehicle charger Infrastructure expenditures.

(d) Includes early redemption of the 2010A Electric Bonds (\$7.63M).

(e) Includes a \$2.5M loan to the Water Fund for the purchase of cyclic storage water.

(f) Includes a one-time payment to CalPERS (for pension) in the amount of \$2.75M.

(g) Includes a \$4.4M drawdown to pay SCPFA for June and July power invoices, \$4.8M for August and September power invoices, and \$2.3M for December and January power invoices.

(h) The \$6.65M loan to the Water Fund for the purchase of cyclic storage water was paid back.

**Burbank Water and Power
Water Fund (497)**

**Statement of Changes in Net Assets ⁽¹⁾⁽²⁾
MTD and FYTD May 2022
(\$ in 000's except Gallons)**

MTD Actual FY 21-22	MTD Budget FY 21-22	\$ Variance	% Variance	YTD Actual FY 21-22	YTD Budget FY 21-22	\$ Variance	% Variance
433	408	26	6% ^(e)	4,711	4,692	20	0% ^(A)
71	86	(14)	(17%)	886	866	20	2%
\$ 2,348	\$ 2,277	\$ 70	3%	\$ 25,414	\$ 26,266	\$ (851)	(3%)
313	361	(48)	(13%)	3,707	3,539	167	5%
145	120	25	21%	1,494	1,325	169	13%
2,806	2,759	47	2%	30,616	31,130	(514)	(2%)
1,189	1,017	(172)	(17%) ^(b)	11,596	11,847	250	2% ^(B)
1,618	1,742	(124)	(7%)	19,019	19,283	(264)	(1%)
677	766	89	12% ^(c)	7,442	8,576	1,134	13% ^(C)
129	139	10	7%	1,471	1,546	75	5%
197	237	40	17% ^(d)	2,042	2,529	488	19% ^(D)
169	144	(26)	(18%) ^(e)	1,577	1,579	2	0%
360	373	12	3%	3,906	4,099	194	5%
1,533	1,658	125	8%	16,437	18,330	1,893	10%
84	83	1	1%	2,582	954	1,628	171%
16	11	5	49%	159	117	41	35% ^(E)
318	49	269	550% ^(f)	194	8	186	2463% ^(F)
(226)	(268)	42	16%	(2,143)	(2,228)	85	4%
108	(209)	316	152%	(1,791)	(2,104)	313	15%
192	(125)	317	254%	791	(1,150)	1,941	169%
0	33	(33)	(100%) ^(g)	481	359	122	34% ^(G)
\$ 192	\$ (92)	\$ 284	308%	\$ 1,272	\$ (791)	\$ 2,063	261%
Operating Revenues				Operating Expenses			
Water put into the system in Millions of Gallons				Operations & Maintenance - Potable			
Metered Recycled Water in Millions of Gallons				Operations & Maintenance - Recycled			
Potable Water				Operations & Maintenance - Shared Services			
Recycled Water				Transfer to General Fund for Cost Allocation			
Other Revenue ⁽⁹⁾				Depreciation			
Total Operating Revenues				Total Operating Expenses			
Water Supply Expense				Operating Income/(Loss)			
Gross Margin				Other Income/(Expenses)			
Interest Income				Other Income/(Expense) ⁽⁴⁾			
Total Other Income/(Expenses)				Bond Interest/(Expense)			
Net Income/(Loss)				Total Other Income/(Expenses)			
Capital Contributions (AIC)				Net Income/(Loss)			
Net Change in Net Assets				Capital Contributions (AIC)			

1. This report may not foot due to rounding.

2. () = Unfavorable

3. Other Revenue includes items such as fire protection services, damaged property recovery, connection fees, late fees, and tampering fees.

4. Other Income/(Expense) includes a one-time payment to CalPERS (for pension) and miscellaneous revenue from the sale of scrap materials, inventory, and assets.

**Burbank Water and Power
Water Fund (497)
Statement of Changes in Net Assets - Footnotes
MTD May 2022
(\$ in 000's except Gallons)**

Foot note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(a)	Water put into the system in Millions of Gallons	433	408	26	- Potable water demand was higher than budget. Burbank received 0.01 inches of rainfall in May as compared to the monthly normal of 0.29 inches. The average high temperature in May was 76.1°F, compared to the 15-year average high temperature of 75.5°F. The average low temperature was 53.8°F, compared to the 15-year average low temperature of 54.3°F. MTD CDD were 57 versus the 15-year average of 65.
(b)	Water Supply Expense	1,189	1,017	(172)	- The unfavorable variance is a result of higher than planned demand.
(c)	Operations & Maintenance - Potable	677	766	89	- The favorable variance is primarily attributable to the timing of professional services, private contractual services, and software purchases and to vacancies.
(d)	Operations & Maintenance - Shared Services	197	237	40	- The favorable variance is attributable to lower than planned shared expenses (Customer Service, Finance and Administration) from the Electric Fund.
(e)	Transfer to General Fund for Cost Allocation	169	144	(26)	- The unfavorable variance is primarily attributable to the timing of payments for transfers to the general fund for cost allocations.
(f)	Other Income/(Expense)	318	49	269	- Other Income/(Expense) include miscellaneous revenue from the sale of scrap materials, inventory, and assets, which tend to fluctuate. The favorable variance is primarily attributable to BABs subsidies.
(g)	Capital Contributions (AIC)	-	33	(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 May 2022
(\$ in 000's except Gallons)**

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
(A)	Water put into the system in Millions of Gallons	4,711	4,692	20	- Potable water demand was on budget. FYTD Burbank received 9.95 inches of rainfall compared to the FYTD normal of 13.82 inches. Summer (Jul-Sep) actual average high temperature was 87.9°F, compared to the 15-year average high temperature of 87.7°F. Summer (Jul-Sep) CDD were 918 versus the 15-year average of 944.
(B)	Water Supply Expense	11,596	11,847	250	The favorable variance is a result of using more Valley/BOU water than planned which is less costly than imported MWD water.
(C)	Operations & Maintenance - Potable	7,442	8,576	1,134	The favorable variance is attributable primarily to lower than planned professional and private contractual services and to vacancies.
(D)	Operations & Maintenance - Shared Services	2,042	2,529	488	- The favorable variance is attributable to lower than planned shared expenses (Customer Service, Finance and Administration) from the Electric Fund.
(E)	Interest Income	159	117	41	The favorable variance is attributable to higher cash on hand than planned.
(F)	Other Income/(Expense)	194	8	186	Other Income/(Expense) include miscellaneous revenue from the sale of scrap materials, inventory, and assets, which tend to fluctuate. The favorable variance is primarily attributable to BABs subsidies.
(G)	Capital Contributions (AIC)	481	359	122	- The favorable variance is attributable to the timing of AIC projects.

May 2022 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): \$192</u>	\$ 317	\$ -	\$ 317
<u>MTD GROSS MARGIN VARIANCE</u>			
Potable Revenues	70	-	70
Recycled Revenues	-	(48)	(48)
Other Revenue	25	-	25
Water Supply Expense	-	(172)	(172)
Total	<u>95</u>	<u>\$ (219)</u>	<u>\$ (124)</u>

FYTD O&M AND OTHER VARIANCES

Potable O&M	89	-	89
Recycled Water O&M	10	-	10
Allocated O&M	40	-	40
Depreciation Expense	12	-	12
All Other	316	(26)	290
Total	<u>\$ 467</u>	<u>\$ (26)</u>	<u>\$ 441</u>

May 2022 Budget to Actual P&L Variance Highlights - Water Fund
(\$ in 000's)

	<u>Variance Fiscal Year-to-Date</u>		
	<u>Favorable Items</u>	<u>Unfavorable Items</u>	<u>Budget to Actual Variance</u>
<u>FYTD NET INCOME: \$791</u>	\$ 1,941	\$ -	\$ 1,941

FYTD GROSS MARGIN VARIANCE

Potable Revenues	-	(851)	(851)
Recycled Revenues	167	-	167
Other Revenue	169	-	169
Water Supply Expense	250	-	250
Total	<u>\$ 587</u>	<u>\$ (851)</u>	<u>\$ (264)</u>

FYTD O&M AND OTHER VARIANCES

Potable O&M	1,134	-	1,134
Recycled Water O&M	75	-	75
Allocated O&M	488	-	488
Depreciation Expense	194	-	194
All Other	314	-	314
Total	<u>\$ 2,205</u>	<u>\$ -</u>	<u>\$ 2,205</u>

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

Cash and Investments	May-22	Apr-22	Mar-22	Dec-21	Sep-21	Jun-21	Mar-21	Dec-20	Sep-20	Jun-20	Jun-19	Recommended Reserves	Minimum Reserves
General Operating Reserves	\$ 12,379	\$ 11,189 ^(f)	\$ 12,644	\$ 11,294	\$ 14,287 ^(e)	\$ 12,181	\$ 15,066	\$ 13,972	\$ 10,972 ^(d)	\$ 8,395 ^{(e)(g)}	\$ 11,555 ^(h)	\$ 12,630	\$ 8,070
Capital Reserve Fund	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	5,200	1,300
Sub-Total Cash and Investments	14,599	13,419	14,764	13,514	16,507	14,401	17,286	16,192	13,192	10,615	13,775	17,830	9,370
Customer Deposits	(1,050)	(1,053)	(1,013)	(1,002)	(1,021)	(1,125)	(1,151)	(1,311)	(1,139)	(1,227)	(1,454)		
Cash and Investments (less commitments)	\$ 13,549	\$ 12,366	\$ 13,751	\$ 12,512	\$ 15,487	\$ 13,276	\$ 16,135	\$ 14,882	\$ 12,053	\$ 9,388	\$ 12,321	\$ 17,830	\$ 9,370

^(a) The Statement of Cash Balances may not add up due to rounding.

^(b) Includes a \$3.95M loan from the Electric Fund for the purchase of cyclic storage water.

^(c) Includes early redemption of the 2010A Water Bonds (\$2.07M).

^(d) Includes a \$2.5M loan from the Electric Fund for the purchase of cyclic storage water.

^(e) Includes a one-time payment to CalPERS (for pension) in the amount of \$440k.

^(f) The \$6.45M loan from the Electric Fund for the purchase of cyclic storage water was paid back.