



# Weekly Management Report

## August 10, 2018

- 1. Synopsis** Burbank Hospitality Association Meeting  
July 11, 2018  
**Community Development Department**
- 2. Minutes** Burbank Water and Power Board Meeting  
June 7, 2018  
**Burbank Water and Power Department**
- 3. Report** June 2018 Operating Results  
**Burbank Water and Power Department**



# memorandum

**DATE:** August 2, 2018

**TO:** Ron Davis, City Manager

**FROM:** Patrick Prescott, Community Development Director   
Via: Simone McFarland, Assistant Community Development Director-  
Business and Economic Development 

**SUBJECT: THE BURBANK HOSPITALITY ASSOCIATION (BHA)  
MEETING SYNOPSIS – JULY 11, 2018**

- Ryan Smith, Regional Director of The Castaway Restaurant, presented information on the recent remodel and current offerings of the new Castaway Restaurant.
- The BHA voted to renew Tom Flavin as a voting Board Member for another two year term.
- The July Board Meeting served as the annual Board Meeting of the BHA where new Executive Committee positions were reappointed or renewed. The BHA approved the reappointment of the following positions: Tony Garibian, Board Chair; Michael Swaney, Treasurer; and James Fitzpatrick, Secretary. Richard Sandoval, the current Vice Chair was absent from the meeting, and therefore that position will be discussed and possibly reappointed at the next meeting.
- Staff presented draft guidelines to provide marketing funding or incentives to airlines to attract new routes to the Hollywood Burbank Airport. The Board felt that the draft guidelines were too stringent for many major airlines to follow. Before modifying the guidelines, the Board suggested seeking input from Airport staff and consultants that regularly worked with recruiting new airlines.
- Staff provided an Economic Development update to the Board discussing Economic Development projects and programs, current and proposed developments, new businesses, and the recent accomplishments of the Downtown Burbank Partnership.



**BURBANK WATER AND POWER BOARD  
MINUTES OF MEETING  
JUNE 7, 2018**

Mr. Eskandar called the regular meeting of the Burbank Water and Power Board to order at 5:00 p.m. in the third floor Boardroom of the BWP Administration Building, 164 W. Magnolia Boulevard, Burbank, California.

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

**ROLL CALL**

**Board Present:** Mr. Eskandar, Mr. Smith, Mr. Ford, Mr. Herman, Mr. Olson

**Board Absent:** Ms. LaCamera, Ms. Obal

**Staff Present:** Mr. Somoano, General Manager, BWP; Mr. Liu, Chief Financial Officer; Ms. Riley, Senior Assistant City Attorney; Mr. Ancheta, Assistant General Manager, Electrical; Mr. Bleveans, Assistant General Manager, Power Supply; Mr. Compton, Assistant General Manager, Chief Technology Officer; Mr. Mace, Assistant General Manager, Water; Mr. Tunnicliff, Assistant General Manager, Customer Service and Marketing; Mr. Thompson, Manager, Water Engineering/Planning; Mr. Hammond, Manager ECC; Mr. Recchia, Principal Power Systems Operator; Ms. Akerson, Electrical Engineer; Mr. Hernandez, Assistant Manager Customer Service; Ms. O'Brien, Assistant Manager Customer Service; Ms. Derian, Customer Service Supervisor; Mr. Aquino, Administrative Officer; Ms. Titus, Legislative Analyst; Ms. Kramer, Recording Secretary

**BOARD MEMBER RECOGNITION**

Mr. Eskandar recognized Board Member Robert Olson for his years of service to the BWP Board and to the community. Staff presented a brief video in recognition of Mr. Olson's years of service.

**The Chair called for a recess at 5:07 pm.**

**The Chair called the Board Meeting back to order at 5:56 pm.**

**INTRODUCTION OF ADDITIONAL AGENDA ITEMS**

None requested.

**ORAL COMMUNICATIONS**

Mr. Eskandar called for oral communications at this time. There were two members of the public present who requested to speak.

Ms. Kirschenbaum, a member of the Sustainable Burbank Commission, addressed the Board and formally invited Mr. Blevens to attend the next Sustainable Burbank Commission meeting to discuss the Integrated Resource Plan (IRP).

Ms. Ramos, Director on the MWD Board, and former Burbank City Council Member, addressed the Board and thanked Board Member Olson for his years of dedicated service to the Board and to the community, and personally for his friendship.

#### **BOARD AND STAFF RESPONSE TO ORAL COMMUNICATIONS**

Mr. Eskandar confirmed that Mr. Blevens spoke with Ms. Kirschenbaum regarding her request.

#### **CONSENT CALENDAR**

##### **MINUTES**

It was moved by Mr. Herman, seconded by Mr. Smith, and carried 5-0 to approve the meeting minutes of the regular meeting of May 3, 2018.

#### **REPORTS TO THE BOARD**

##### **BWP OPERATIONS AND FINANCIAL REPORTS**

Mr. Liu presented BWP's financial update and operating report for the month of April 2018.

Mr. Liu, Mr. Mace, Mr. Blevens, and Mr. Somoano responded to Board Member questions.

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

##### **ELECTRIC SYSTEM RELIABILITY**

Ms. Akerson presented an update on Burbank's electric system reliability. Ms. Akerson presented a brief overview of Burbank's Electric Grid and described the various types of system outages in connection with the number of potentially affected customers. Ms. Akerson reviewed the main causes of outages and described some of the outage mitigation measures that the utility employs.

Ms. Akerson, Mr. Ancheta, and Mr. Somoano responded to Board Member questions.

##### **BWP BOARD LIAISON TO THE SUSTAINABLE BURBANK COMMISSION**

Ms. Kramer presented information regarding the BWP Board liaison to the Sustainable Burbank Commission. Staff recommends that the BWP Board discuss and confirm a liaison to the Sustainable Burbank Commission as required by City Council Resolution and reaffirmed by Burbank Municipal Code 2-1-424.

Ms. Kramer and Mr. Somoano responded to Board Member questions.

The Board discussed briefly. At the suggestion of the Chair, discussion on this item will continue at the next Board Meeting, once all Board Members are present.

## **SUSTAINABLE BURBANK COMMISSION REPORT**

Ms. LaCamera was not present to give a Sustainable Burbank Commission Report.

## **INFORMATION FROM STAFF**

### **LEGISLATIVE UPDATE**

Ms. Titus presented a legislative update. Ms. Titus reviewed the unofficial Election results for the Measure's pertaining to Burbank. Ms. Titus outlined key water and electric bills which the utility is monitoring.

Ms. Titus, Mr. Mace, Mr. Somoano and Mr. Hernandez responded to Board Member questions.

### **WATER SUPPLY UPDATE**

Mr. Mace provided an update on the Burbank Operable Unit (BOU) and the interconnection agreement Burbank has with the City of LA and Burbank's Consent Decree with Lockheed Martin.

Mr. Mace responded to Board Member questions.

### **POWER SUPPLY UPDATE**

Mr. Blevens reported that the Aliso Canyon Risk Assessment Technical Report Summer 2018 had been released. SoCalGas continues to operate at less than full capacity due to a significant number of pipeline outages and continuing restrictions on use of the Aliso Canyon natural gas storage facility. This reduction in capacity creates a moderate threat to electric reliability this summer. Mr. Blevens is confident that Burbank's reliability this summer will remain strong. Mr. Blevens also discussed the Copper Mountain Solar facility which contributes to a large portion of Burbank's renewable energy supply.

## **COMMENTS AND REQUESTS FROM BOARD MEMBERS**

Mr. Ford inquired if the idea of having rotating staff attend BWP Board Meetings has ever been discussed in order to optimize staff's time. Mr. Somoano responded.

Mr. Ford also inquired if our Charter restricts the City from providing service to those outside our City limits and vice versa for cost effectiveness. Ms. Riley and Mr. Mace responded.

Mr. Herman thanked Mr. Olson for his dedication and service to BWP, the City, and the community, and personally for his mentorship and guidance.

Mr. Smith thanked Mr. Olson for his service, he will be missed, and he will remember the spirit that he brought to the Board.

Mr. Smith noted that transportation electrification programs have really expanded recently and there has been an unprecedented level of investment into those programs, with much more to come. Transportation electrification is something to keep an eye on and learn from.

Mr. Smith also commented on power supply, gas supply and reliability. These are also factors to keep an eye on, especially in regards to legislation, ensuring BWP has a reliable gas supply to maintain reliability for our customers.

Mr. Eskandar confirmed that the Board will be dark in July and the next scheduled meeting will be in August.

Mr. Olson thanked the Board and staff for the recognition. He has enjoyed every meeting and he respects the Board and BWP staff tremendously. The confidence that the City Council has in the Board is a result of the Board Members and their ability to set the bar very high. When Board Members challenge staff it is a way to maintain that high standard and to prepare staff to present before the Council. When staff presents to the Council they are representing BWP and also the Board. Mr. Olson hopes that BWP and the Board will continue to set the bar high and maintain the level of confidence which the Council has bestowed upon them.

#### **ADJOURNMENT**

The meeting was adjourned at 8:13 pm. The next scheduled Board Meeting is August 2, 2018 and will be held in the third floor Boardroom at Burbank Water and Power.

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Lyndsey Kramer  
Recording Secretary

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Jorge Somoano  
Secretary to the Board

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Philippe Eskandar, Chair, BWP Board





**CITY OF BURBANK  
BURBANK WATER AND POWER  
STAFF REPORT**

**DATE:** August 16, 2018  
**TO:** BWP Board  
**FROM:** Jorge Somoano, General Manager, BWP  
**SUBJECT:** June 2018 Operating Results

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**SAFETY**

Burbank Water and Power had no new reportable lost time injuries during June 2018.

**Water Results of Operations**

For the month of June, Potable water usage was 7% (29 million gallons) higher primarily because of higher than planned demand for landscaping irrigation. The higher demand is likely related to the easing of landscape watering restrictions from two to three days per week. Potable Water Revenues were \$44,000 better than budgeted. Recycled water usage was 14% (12 million gallons) higher than budget. Recycled Water Revenues were \$37,000 better than budgeted. June Water Supply Expenses were \$58,000 higher than budgeted, driven by the higher demand. June's Gross Margin was \$7,000 lower than budgeted. Net Income was \$392,000, which was \$7,000 lower than budgeted.

June fiscal-year-to-date (FYTD) Potable water usage was 9% (443 million gallons) higher than budgeted and FYTD June Potable Water Revenues were \$1,246,000 higher than budgeted. FYTD recycled usage was 7% (71 million gallons) better than budgeted and Recycled Water Revenues were \$162,000 better than budgeted. FYTD Water Supply Expenses were \$876,000 higher than budgeted, driven by higher demand. The FYTD June Gross Margin was \$562,000 better than budgeted. Operating Expenses were \$1,303,000 better than budgeted. Net Income was \$2,803,000, which was \$1,836,000 better than budgeted.

**Electric Results of Operations**

For the month of June, electric loads were 6% lower than budgeted primarily due to conservation. Retail Sales were \$1,847,000 lower than budgeted. June Power Supply Expenses were \$726,000 better than budgeted due to lower usage of biomethane gas, a more favorable renewable swap agreement, and lower retail load. June's wholesale margin was \$207,000 better than budgeted. June's Gross Margin was \$914,000 lower than budgeted. Net Income was -\$604,000 which was \$790,000 lower than budgeted.

FYTD June electric loads were 3% lower than budgeted primarily due to conservation, offset in part by warmer than normal summer temperatures. Retail Sales were correspondingly \$4,968,000 lower than budgeted. FYTD Power Supply Expenses were \$13,005,000 better than budgeted primarily due to prior period true-up credits, and

lower usage of biomethane gas. FYTD wholesale margin was \$955,000 better than budgeted. FYTD Gross Margin was \$7,760,000 better than budgeted. June FYTD Operating Expenses were \$4,872,000 better than budgeted. Net Income was \$19,471,000 which was \$14,089,000 better than budgeted.

## WATER DIVISION

### **State Water Projects and Burbank Operating Unit (BOU) Water Production**

The California Water Fix passed a major milestone on April 10 when the Metropolitan Water District of Southern California (MWD) Board voted 61% to 39% to proceed with the full two tunnel project and finance the full unsubscribed share of the estimated construction cost to move the project forward. MWD's share is \$10.8 billion or 67% of the cost and capacity of the project. It is estimated that would affect retail customers' future monthly water bills by \$4.80 when the project is completed. It is also strongly anticipated that Central Valley farmers, south of the Delta, will be paying proportionate use fees to move their water offsetting costs to MWD customers. The Santa Clara Valley Water Authority (SCVWA) voted in early May to fund their share of the California Water Fix and explore participating in an unsubscribed portion of the project. The Delta Conveyance Design and Construction Joint Powers Authority (DCA) was formed and met for the first time on May 14. The DCA will sell bonds for project financing and direct design and construction. Now that the funding question has been resolved, permitting and design will go forward despite many protests by the project opponents. Notwithstanding the aforementioned events and actions, MWD conducted a revote on the California Water Fix at the July 10 Board meeting to bypass a protest by external parties, which claim there may have been a violation of the Brown Act prior to the vote. MWD counsel has determined that no violation took place but the revote eliminated any continuing protests regarding the complaints.

Governor Brown issued Executive Order B-40-17, on April 7, 2017, recognizing that the drought was over in California, with the exception of 4 counties in the Central Valley that rely on depleted groundwater basins. The Executive Order does state that the Orders and Provisions in "Making Water Conservation a California Way of Life" remain in full force and effect. This includes: "The Department of Water Resources (Department) shall continue work with the Water Board to develop standards that urban water suppliers will use to set new urban water use standards that urban water suppliers will use to set new urban water use efficiency targets as directed by Executive Order B-37-16. Upon enactment of legislation, the Water Board shall adopt urban water use efficiency standards that include indoor use, outdoor use and leaks, as well as performance measures for commercial, industrial and institutional water use. Some language is also directed at conserving recycled water which is not in short supply. The Department shall provide technical assistance and urban landscape area data to urban water suppliers for determining efficient outdoor use. These water use standards must be in place by May 20, 2021, but the State Water Board may set interim standards to ensure progress before the long term standards are adopted in 2021.

This promises a significant intrusion by the State into detailed water use decisions in Burbank, as well as any other water purveyor, beyond simple efficient volumetric use of water. BWP is paying close attention and working with regional and industry groups to

comment on, and influence, the development of these standards. As noted above, these actions require enabling legislation which was passed by the legislature this year.

Legislation is also moving forward for the state to fund operation and maintenance of water facilities in disadvantaged communities, as well as separate legislation to provide low income rate assistance. Both of these efforts are moving forward under the auspices of water as a basic human right as defined by the California Legislature. One means of paying for these initiatives is proposed as fees attached to individual consumers water bills as opposed to funding through the State General Fund. The Governor has also included this funding mechanism in the proposed state budget. This approach is highly contested by water agencies and is active in the current legislative session. The proposed monthly \$1 fee on water bills has been stopped at this time but will still be pursued by advocates in the future.

The following table shows Burbank water use in terms of per capita daily water use in gallons per person per day. It begins in 2009 with the requirement of a 20% reduction per capita in baseline use by 2020. It shows actual per capita water use reduction as well as the Governor's Goal in the Executive Order requiring a 25% reduction although the percentage reduction in the table is measured against the 2009 baseline. Burbank met the 25% reduction in the Executive Order.

Year	20% by 2020 (Baseline)	20% by 2020 (Goal)	2012 (Actual)	2014 (Actual)	2015 (Actual)	2016 (Gov.'s goal)	2016 (Actual)
GPCD	193	155	149	162	139	125	117
Reduction of Baseline %	0%	20%	29%	16%	28%	35%	39%

Burbank consistently met the reduction requirements by utilizing the appropriate stages of the Sustainable Water Use Ordinance. Initially it was Stage III that limited watering to two days a week in the summer and one day a week in winter. With experience and some relaxation of the State mandate, Burbank currently limits outdoor watering to three days a week year round. This is now embodied in the Burbank Sustainable Water Use Ordinance in Stage I and is the "New Normal" in Burbank. The effect of the three day a week watering limitation will continue to be monitored. Given potential future actions by the State, Burbank appears well positioned to meet the future requirements. Water use in Burbank in May 2018 was 142 GPCD with 123 GPCD for the Fiscal Year ending on June 30. Monthly GPCD in May was significantly affected by warm weather. Calendar year 2017 water use was 133 GPCD, up 8 GPCD from 2016 reflecting some rebound in outdoor watering and a dry autumn. Besides conservation measures, Burbank made significant strides in converting major irrigation and building cooling towers to recycled water which is 100% conservation that will continue year after year. BWP continues to work with customers to utilize recycled water where practical, but recognizes that the largest users have been converted.

Due to the bountiful 2017 water year, MWD added excess water supply of 1.3 million acre-feet beyond its 2017 demand to its storage facilities. The available water exceeded MWD's capacity to place water into its storage facilities so MWD created a

Cyclic Storage Program to allow Member Agencies to store water in their groundwater basins and then pay for the water when they take it. At the end of December 2017, Burbank had spread a total of 5,674 acre-feet in the MWD Cyclic Storage account for future purchase as well as the budgeted annual purchase of untreated volumetric water of 7,200 acre feet in the FY17/18 budget.

The initial allocation for the 2018 State Water Project (SWP) was 15% on December 1, 2017. The allocation was increased to 20% on January 29, 2018. The SWP allocation was increased to 30% on April 24 and then to 35% on May 24. It's not likely to increase further. A SWP allocation of 35% with moderate demand from member agencies will not require any withdrawals from what MWD has in storage. Construction repair work on the Oroville Dam Spillway began again at the beginning of May. The lake level has been held lower to allow an earlier start on this years' construction. The relatively low level of the lake through the winter is one factor in an initial lower SWP allocation.

The BOU was 97.51% available for service in June 2018. All wells were in service. BWP is maximizing BOU production by optimizing the blend with MWD treated water although lower ground water levels are impacting the operational efficiency of the BOU wells. Testing of drawing water from lower levels in the aquifer, by deflating the "packers" in the lower portion of the well casings and boosting well pumping rates, began on May 14 and was complete at the beginning of July. This was a 10 week testing program and is showing initial promise. We are awaiting the analysis report.

<b>Availability</b>	<b>Production</b>	<b>Average Flow Rate (gallons per minute)</b>
97.51%	76.34%	6,871

**PROJECT UPDATES:**

Work began in April on installing 875 l.f. of 8-inch ductile iron water main in Mariposa Avenue from Chestnut Street to Burbank Blvd. Work was completed in early July.

Work began in May on installing 525 l.f. of 8-inch ductile iron water main in Brighton Street from Thornton Avenue to San Fernando Blvd. The project was completed in late July.

Work began in June on installing 800 l.f. of 8-inch ductile iron water main in Lincoln Street from San Fernando Blvd. to Kenmore Avenue. Work was completed in in mid-August.

Work began in mid- July on installing 2,800 l.f. of 8-inch ductile iron recycled water main in Olive Ave. from Virginia Street to Flower Street. The project is anticipated to be completed by mid- September.

Seismic valve actuators are currently being installed at Reservoirs #1, #4 and #5; valve control software was installed in late July 2017 which will enable BWP to program the closing positions of the valve actuators.

Repairs to the tank bottom and touch up painting were completed on Wildwood recycled water storage tank B in March. Work on Tank A was completed in April. Coating of the exterior of DeBell #1 tank began in mid-June and was completed in mid- July.

Work began in March on replacing plug and pressure reducing valves in the blending facility at the Valley Pumping Plant. The second pressure reducing valve will be installed in late August and the plug valves by the end of October. The extended schedule is due to the long lead time to procure valves.

Construction is complete by Williams Brothers on the recycled water distribution main extensions into Los Angeles. The cost of this work is being fully reimbursed by LADWP. A Notice of Completion has been recorded by the County. Now that the Notice has been recorded, BWP has paid the retention to the Contractor and is preparing the final invoice to LADWP for reimbursement. LADWP's schedule to activate the mains to deliver recycled water into Los Angeles per our exchange agreement is showing activation of most connections taking place in December of 2018 and going into FY 2019/20.

On April 14, 2016 a new Waste Discharge Requirements and Water Recycling Requirements Permit was granted to the City of Burbank by the Regional Water Quality Control Board. This brought the City into full compliance by recognizing the use of recycled water (RW) in cooling towers. A Waste Water Change Petition was submitted to the State Water Resources Control Board (SWRCB), Division of Water Rights. The purpose of the petition is to amend Burbank's water rights to our RW account for our recent expansion of use and for our plans of additional use 10 years into the future. The order approving Change in Place of Use, Purpose of Use and Quantity of Discharge was issued April 20, 2018. We are now proceeding with the conversion of four HVAC cooling towers.

The cooling tower at Building 38 Warner Brothers Studio was converted in July. Pending conversions to recycled water in the latter part of 2018 include: Nickelodeon, Talaria, Bret Harte School, PPG Aero Space and the Castaway fire system. Another site that is expected to be converted to recycled water in 2018 is the ornamental fountain at the Valley Pumping Plant.

The Beachwood Sewage Lift Station operated by the Burbank Public Works Dept. suffered a complete failure of their pumping capability on April 2. This station pumped approximately half of Burbank's sewage flow to the Reclamation plant. This flow is now bypassed to Los Angeles and the availability of recycled water is significantly reduced and critical at certain times of day requiring potable water to be added to the Recycled Water System. There are three pumps installed at Beachwood and they failed, one at a time, across a number of months with no maintenance or mitigating actions taken as the pump failures progressed. BWP is juggling the daily demands on the system to reliably serve our customers but have serious concern about a sufficient volume of recycled water being available to meet peak demands as the warmer weather comes on regardless of adding potable water to the Recycled System. This is becoming a critical situation and requires mitigating action by the Public Works Dept. As of July 19, the

repair and reinstallation of the two pumps removed from the pumping station in mid-April will not occur, at best, until the middle of August. The third failed pump is still in position. BWP is coordinating with the contract operator at the reclamation plant to minimize the addition of potable water make up in to the recycled system during times of low flow at night. However, BWP is adding potable water to the recycled system to prevent loss of delivery to customers. From April thru June, we have added 44 acre-feet (14.5 Million Gallons) of potable water to the recycled system. This demand is increasing with the onset of summer. BWP is also bringing recycled water down from the upper zone reservoirs to feed Zone One when the potable water makeup at the Pump Station 1 wet well can't keep up with demand. That pumping energy has then been sacrificed in order to meet Zone 1 demand. The first Beachwood Lift Station pump failed on or about the beginning of December 2017. It's been 110 days as of July 19 since the last pump failed, with half of Burbank's sewage flow/recycled water supply going to Los Angeles for treatment.

Pictured below are of the BWP crew installing a 12-inch water valve needed to isolate the pipeline for Caltrans to relocate existing potable and recycled water mains on old Front Street, where the mains cross I-5. A new section of 16-inch recycled water main as well as a 12-inch potable water main will be built to accommodate the I-5 Freeway project.





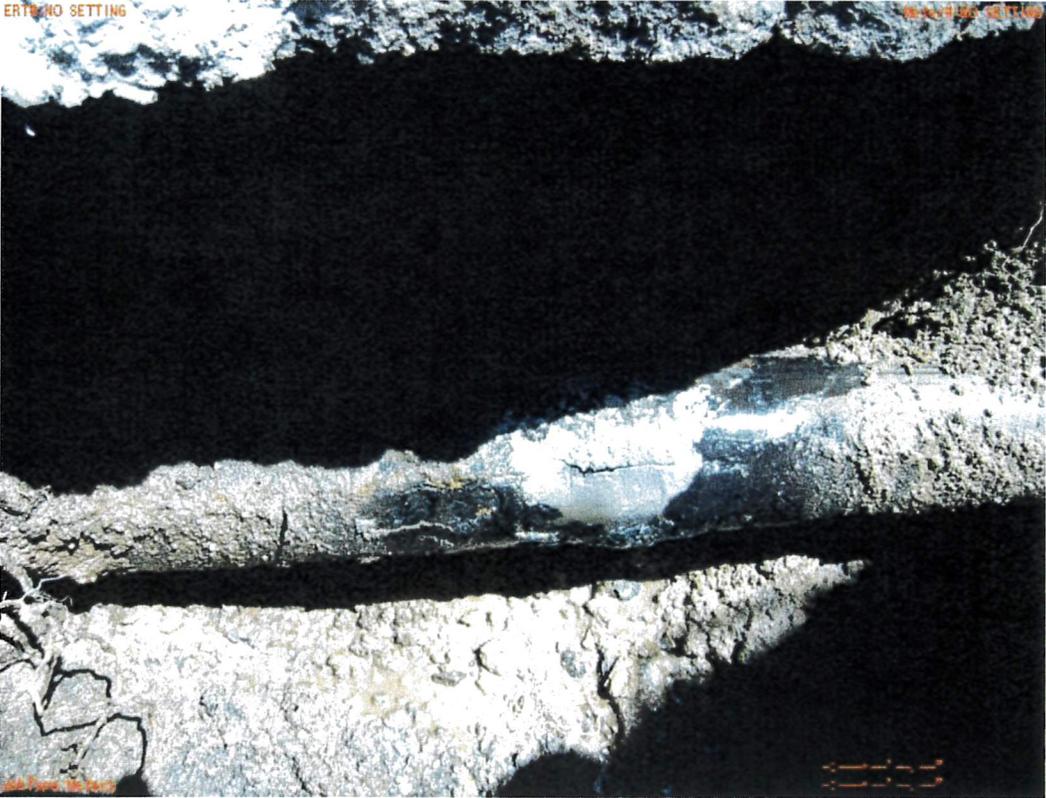
Brighton from Thornton to San Fernando Road, replacing an old undersized 4-inch cast iron pipe with new 8-inch ductile iron pipe. Crews are excavating on San Fernando Road, preparing for “hot tap”.



San Fernando Road has numerous utilities, some are active and some are abandoned in place. Multiple gas mains near the existing water line makes hot tapping a main challenging. Photos below show this tap being made at an angle, then piping over the existing gas main and needing an additional valve for operation and control after the depth is stable away from the tap. The valve used in tapping the main is “burned”, meaning that it is required for the tapping process but will be left open and not be operated/operational in the future because it is at an angle.



Below are pictures of the leak repair on 6-inch steel recycled water main at the entrance to Wildwood Park on June 19.



## DISTRIBUTION

### ELECTRIC RELIABILITY

In June 2018, BWP experienced one sustained feeder outage. In the past twelve months, automatic reclosing has reduced customer outage time by approximately 993,924 customer minutes.

Reliability Measurement	July 2016-June 2017	July 2017-June 2018
Average Outages Per Year (SAIFI)	0.5005	0.3310
Average Outage Duration (CAIDI)	21.90 minutes	34.14 minutes
Average Service Availability	99.998%	99.998%
Average Momentary Outages Per Year (MAIFI)	0.1217	0.2374
No. of Sustained Feeder Outages	9	10
No. of Sustained Outages by Mylar Balloons	2	3
No. of Sustained Outages by Animals	0	1
No. of Sustained Outages by Palm Fronds	5	0

### PROJECT UPDATES

#### Ontario Substation

In June, concrete work was completed on wall footers and on a portion of the equipment foundations. Block wall construction has begun on the exterior and building walls for the new substation.



Block wall construction at Ontario Substation



Concrete work for transformer oil containment and equipment pad

Underground construction of the two 69kV lines connecting the new Ontario Substation to Lincoln and Valley Substations continued in June. This portion of the project involves the installation of eight manholes and about 7,000 linear feet of concrete-encased conduit packages that will provide an underground pathway for each 69kV line. Currently, seven manholes and approximately 5,000 linear feet of conduit have been installed on Ontario Street, Thornton Avenue, and Fairview Street. The last section of the 69kV conduit, along Empire Avenue, is planned to be completed by the end of August.

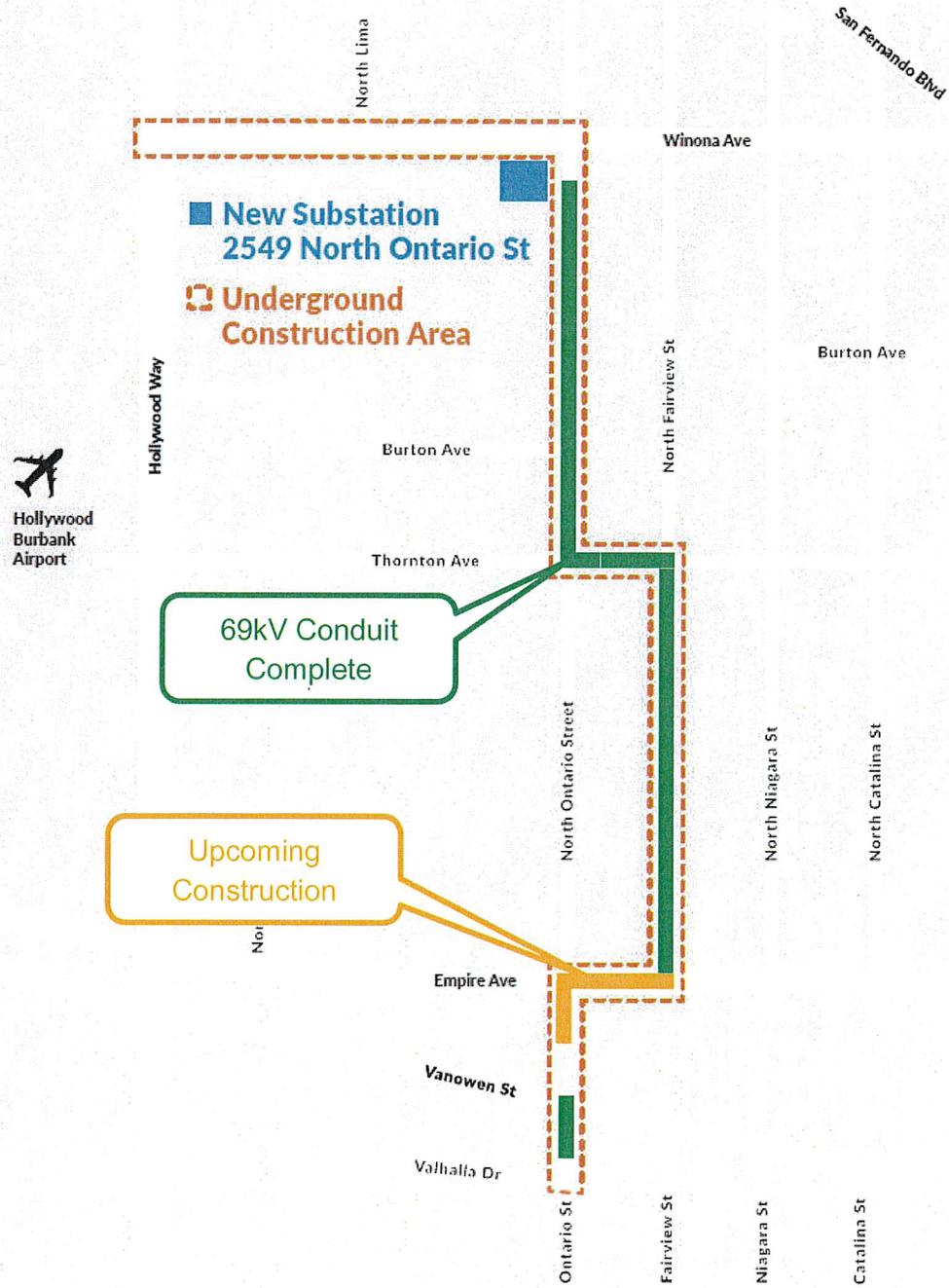
About 7,000 linear feet of underground electrical cables will be installed within the new underground substructure system. About 2,000 feet of cable was installed in June.





69kV cable installation on Fairview St.

# Ontario Substation and Underground Construction Project Area



## **STREET LIGHTING**

### **LED Replacement Program**

In accordance with the 2014 Street Lighting Master Plan, BWP began replacing 100W and 250W HPS streetlight luminaires with LED luminaires. Replacement is carried out on a maintenance basis and LEDs are installed daily as the HPS luminaires burn out. Currently, the CREE XSPR LED 42W has been selected to replace the 100W HPS luminaire and the CREE XSP2 LED 101W replaces the 250W HPS luminaire. To date, 47.20% of the total streetlight luminaires have been converted to LEDs which translates to an annualized energy savings of 2,319MWh or a 25.02% reduction in energy consumption. LED conversions have also reduced evening load by 529kW, which shortens the “neck of the duck curve” and reduces the amount of energy generation that BWP needs.

## **CUSTOMER SERVICE**

### **Electric Vehicle (EV) Charging Program**

28 public EV charging stations are in service, including a DC Fast Charger and 16 curbside stations. As of July 1, 2018, Time of Use (TOU) pricing for public EV charging is 17.36 cents per kilowatt hour (kWh) for Level 1 and Level 2 charging during off-peak hours. Between the hours of 4pm and 7pm during the summer, pricing increases to 30.39 cents per kWh. For the DC Fast Charger, the charging rate is 28.17 cents per kWh, increasing to 49.31 cents per kWh during peak hours. Staff continues to monitor usage and maintenance issues.

Month of usage	Usage in kWh	Gross Revenue	GHG reduced in kg	kWh/ Station/ Day	% Peak Sessions	Parking Occupancy	Charging Occupancy
Jun 2018 <sup>1</sup>	18,561	\$3,697	7,796	22	20%	29%	24%
May 2018	20,512	\$3,695	8,615	24	19%	32%	27%
Apr 2018	20,643	\$3,729	8,670	25	20%	30%	25%
Mar 2018	19,414	\$3,459	8,154	22	21%	26%	22%
Feb 2018	19,884	\$3,666	8,351	25	21%	30%	25%
Jan 2018	24,790	\$4,927	10,412	29	21%	30%	24%
Dec 2017	24,402	\$4,757	10,249	28	21%	30%	24%
Nov 2017 <sup>2</sup>	21,410	\$3,996	8,992	26	21%	29%	24%
Oct 2017	23,000	\$4,828	9,660	27	20%	32%	27%
Sep 2017	20,755	\$4,307	8,717	25	20%	31%	25%
Aug 2017	22,207	\$4,669	9,327	26	23%	31%	26%
Jul 2017	22,981	\$4,845	9,652	27	22%	30%	25%
Jun 2017 <sup>1</sup>	21,456	\$4,513	9,011	26	23%	31%	27%
May 2017	21,693	\$4,063	9,111	25	19%	29%	24%
Apr 2017	18,699	\$3,461	7,854	22	20%	26%	21%
Mar 2017	20,151	\$3,777	8,464	23	20%	27%	22%
Feb 2017	17,697	\$3,358	7,433	23	21%	24%	20%
Jan 2017	19,499	\$3,611	8,189	23	20%	26%	22%
Dec 2016	17,472	\$3,130	7,338	20	19%	24%	20%
Nov 2016 <sup>2</sup>	17,230	\$3,334	7,521	21	18%	25%	20%
Oct 2016	17,976	\$3,705	7,550	21	18%	24%	19%
Sep 2016	17,810	\$3,811	7,480	21	20%	24%	19%
Aug 2016	19,702	\$4,257	8,275	23	19%	25%	20%
Jul 2016	17,235	\$3,506	7,239	20	19%	24%	19%
Jun 2016 <sup>1</sup>	17,278	\$3,469	7,257	21	19%	24%	19%

<sup>1</sup> The higher \$/kWh reflects the start of summer peak pricing for public EV charging.

<sup>2</sup> The lower \$/kWh reflects the end of summer peak pricing for public EV charging.

### **Rooftop Solar**

Not so many years ago, residential rooftop solar was priced beyond the reach of most households. Falling prices, rebates and tax incentives, and no-money-down leasing arrangements have created a new solar reality for many Californians. The following table will be updated monthly to report on Burbank's rooftop solar impact.

<b>Month</b>	<b>Number of Solar Systems Installed This Month</b>	<b>Number of Solar Systems Installed FYTD</b>	<b>Total Solar Systems in Burbank</b>	<b>Total Solar Kilowatts</b>
June 2018	8	99	699	7,112
May 2018	5	91	690	6,946
April 2018	9	86	685	6,911
March 2018	7	77	676	6,868
February 2018	5	70	669	6,832
January 2018	4	65	664	6,808
December 2017	9	61	660	6,777
November 2017	11	52	651	6,713
October 2017	13	41	640	6,630
September 2017	8	28	627	6,446
August 2017	15	20	619	6,405
July 2017*	5	5	604	6,302
June 2017	12	133	599	6,277
May 2017	8	121	587	5,601
April 2017	7	113	579	5,561
March 2017	8	106	572	5,529
February 2017	8	98	564	5,491
January 2017	21	90	556	5,379
December 2016	12	69	535	5,276
November 2016	8	57	523	5,219
October 2016	10	49	515	5,188
September 2016	18	39	505	5,137
August 2016	10	21	487	4,828
July 2016*	11	11	477	4,643
June 2016	7	173	466	4,436

\* Start of new fiscal year.

## TECHNOLOGY

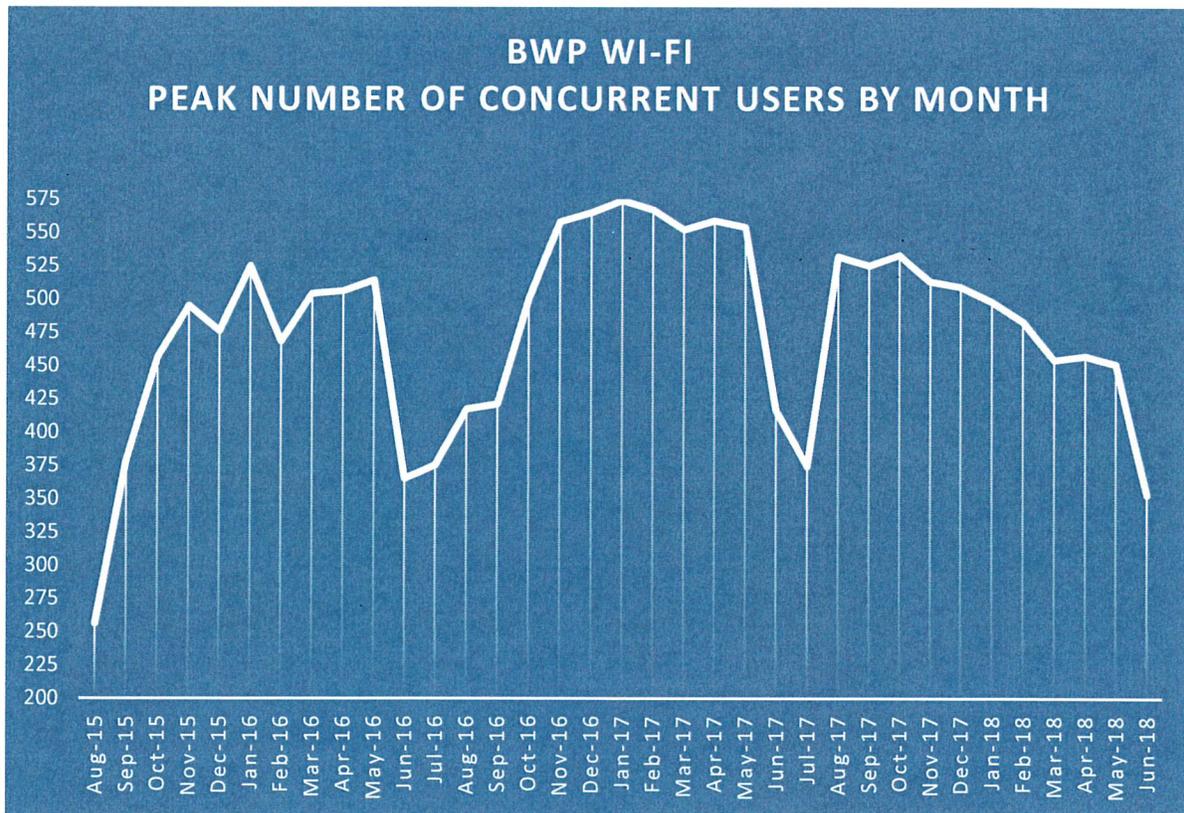
### Broadband Services (ONE Burbank)

	June 2018 New Orders	Revenues for June 2018	FYTD 2017-18 Revenues	FYTD Budget
<b>Lit</b>	2	\$104,751	\$1,281,852	\$1,560,000
<b>Dark</b>	0	\$196,765	\$2,342,175	\$2,340,000
<b>Total</b>	2	\$301,516	\$3,624,027	\$3,900,000

Values in the table above represent invoiced amounts for monthly recurring revenues only. Actual booked revenues through June 2018 are \$3,652,287.

### BWP WiFi

On August 17, 2015, BWP WiFi launched throughout the City of Burbank as a free citywide wireless community broadband service.

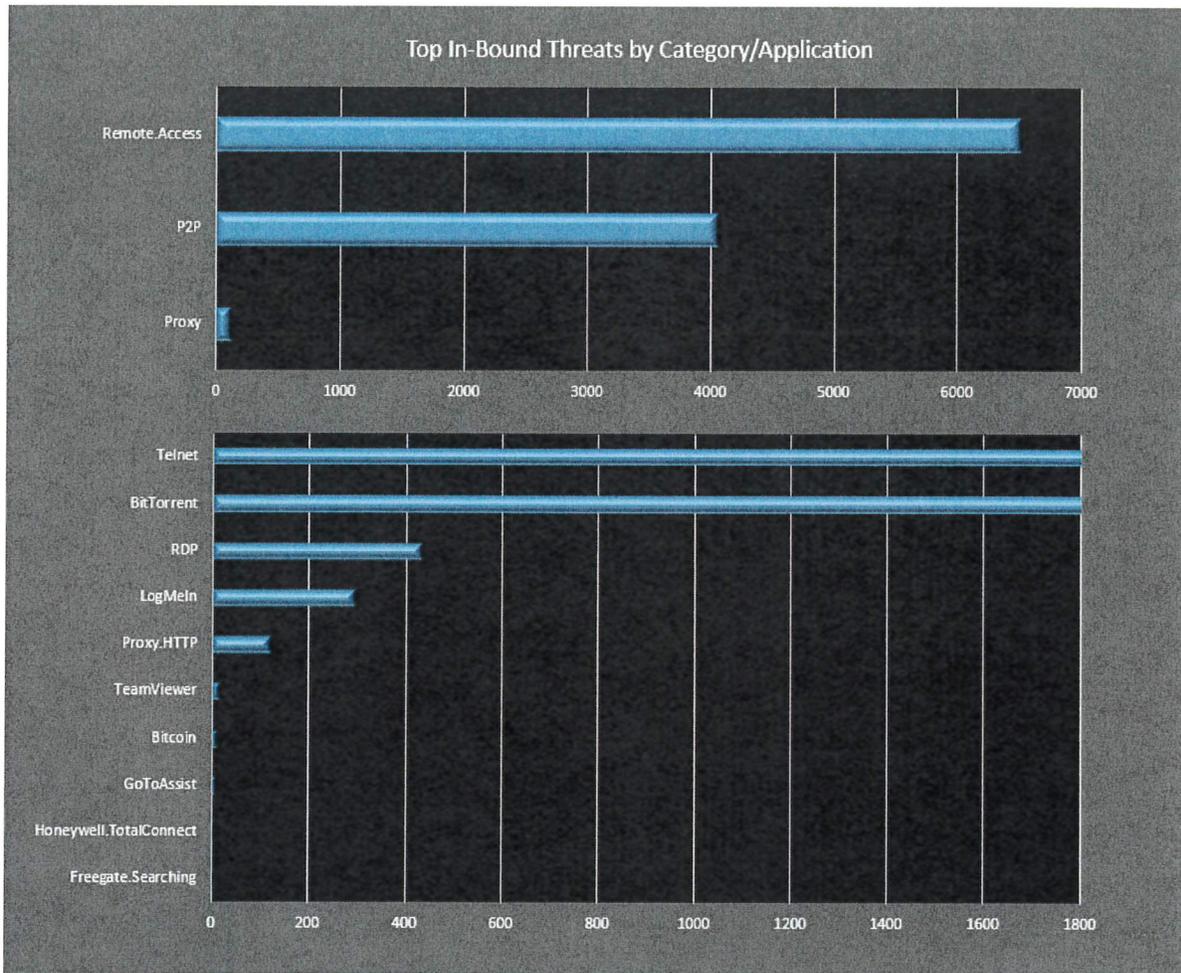


**Cyber Security Update – June 2018**

The BWP cyber security risk factor is 2.4 out of 5.0 for the month of June. Operational Technology successfully prevented over 112 million cyber security threats of which over 56% were elevated or critical.



**In-bound cyber threats by source location**



**Top In-bound cyber threats by category/application**

**RISK FACTOR**



**RISK FACTOR:** The risk levels (1=lowest to 5=highest) indicate the application's relative security risk based on a variety of factors and criteria such as whether the application can share files, is prone to misuse, or tries to evade firewalls.

## POWER SUPPLY

### PROJECT UPDATES:

#### Power Resources

#### Los Angeles Department of Water and Power Open Access Transmission Tariff Update

Los Angeles Department of Water and Power (LADWP) has implemented a new Open Access Transmission Tariff (OATT) effective September 1, 2017. The new OATT rates affect BWP's cost for services purchased from LADWP under the Balancing Authority Area Services Agreement (BAASA). Changes to the BAASA's cost of services resulting from the new OATT became effective on February 1, 2018.

Annual cost for services				
Service	FY 18/19 Under	FY 18/19 If	Variance	% Increase
	New OATT rates	Old OATT Rates		
BAASA Regulation & Frequency Response	\$871,952	\$604,350	(\$267,602)	44.3%
BAASA Contingency Reserves	\$3,462,962	\$3,224,186	(\$238,776)	7.4%
	\$4,334,914	\$3,828,536	(\$506,378)	13.2%

Staff is currently evaluating the new OATT, its impacts, and what next steps should be taken.

#### Integrated Resource Planning

BWP is planning for its next Integrated Resource Plan (IRP) which, pursuant to new requirements embedded in Senate Bill 350, is due January 1, 2019. As part of these efforts, BWP staff has engaged Ascend Analytics to be its modeling consultant.

Ascend is nearly complete in setting up BWP's modeling parameters, and staff expects to receive output from preliminary simulations by the end of June. Staff expects the draft IRP document to be reviewed by the public and City Council in late 2018.

BWP Customer Service staff are currently evaluating topics and questions for public input. Staff will educate customers on BWP's IRP efforts as well as solicit input and feedback from BWP's customers regarding future power resource options and program offerings. BWP will host public meetings on Saturday, August 4 and Monday, August 6 at the Buena Vista Library.

#### Intermountain Power Project (Delta, UT) Renewal Progress

The Intermountain Power Project (IPP) purchasers involved with the repowering project have agreed to resize the proposed project to 840 MW, instead of the 1200 MW contemplated earlier. This is being called the "alternative repowering." This change came about because there is not enough definite interest amongst the renewal participants for 1200 MW of gas-fired capacity. LADWP believes the majority of the renewal project participants will assign their capacity interest back to LA, which would cause LADWP to be left with more generation than it requires. Resizing the project to

840 MW minimizes this risk, while still satisfying the projected needs of the participants. This change requires all existing participants of the renewal power sales agreement to amend both the original power sales agreement and the renewal power sales agreement to reflect the reimagined gas-fired project in Delta, UT.

This resizing of the planned gas-fired power plant does not affect transmission capacity. But because some current IPP participants have chosen not to participate in the renewal project, BWP's potential Southern Transmission System (STS) capacity allocation could increase. If BWP chooses to participate in the repowering at its maximum allowable generation interest of 35 MW, BWP would be entitled to 127 MW of capacity on the STS, up from the 108 MW of STS capacity that BWP currently enjoys. These issues are still subject to negotiation, however.

BWP will go before Council to re-file an emissions compliance finding for the alternative repowering on August 14. This is a duplicate of the initial filing made in 2015 and is required due to the resized alternative repowering.

## **FLEET SERVICES**

### **PROJECT UPDATE:**

Construction for the Fleet Services Building (FSB) Modification Project is progressing well and remains on schedule. Interior demolitions efforts are approximately 95% complete. The sanitary sewer main replacement is 80% complete, including partial testing and acceptance of the completed portions. All interior underground plumbing is complete and has been tested and accepted. New electrical conduit feeds for power, and fire systems are 80% and 40% complete, respectively. Substantial completion of construction efforts is scheduled for December 2018, with final project close-out in January 2019.



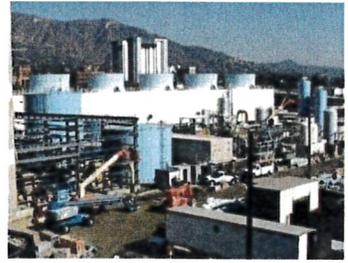
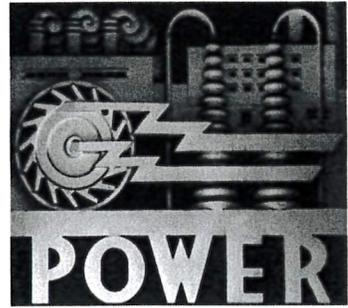
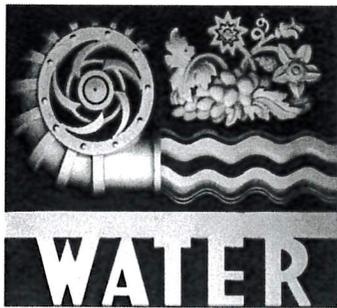
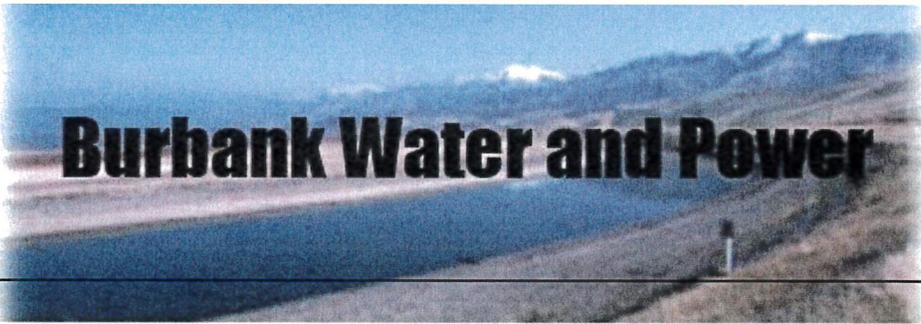
CMU Wall (Light-Vehicle Shop) for support of the new Mezzanine



New Sanitary Sewer and Clean-Out (South of FSB)



Completed portion of new sanitary sewer main



**Estimated Financial Report  
June 2018**

UNAUDITED





**Burbank Water and Power**  
**Electric Fund (496)**  
**Estimated Statement of Changes in Net Assets - Footnotes**  
**MTD June 2018**  
**(\$ in 000's)**

Foot-note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
a.	Electric Usage in MWh	93,115	99,222	(6,107)	NEL is 6% lower than budget due to conservation and mild weather. MTD CDD were 168 versus the 30 year average of 161.
b.	Retail Sales	13,521	15,368	(1,847)	Retail sales correspond with demand, impacted likely in part by the timing of customer billings and mild weather.
c.	Other Revenues	587	587	-	Other revenues have not closed for June 2018 and are estimated at budgeted values.
d.	Retail Power Supply & Transmission	9,523	10,249	726	The favorable variance is attributable to various components within Retail Power Supply & Transmission. Please refer to page A-6 for additional details.
e.	Total Operating Expenses	4,480	4,480	-	Expenses have not closed for June 2018 and are estimated at budgeted values.

**Burbank Water and Power  
Electric Fund (496)  
Estimated Statement of Changes in Net Assets - Footnotes  
FYTD June 2018  
(\$ in 000's)**

Foot- note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
A.	Electric Usage in MWh	1,115,016	1,155,094	(40,078)	- NEL is 3% lower than budget due to conservation and mild winter and spring, offset in part by warmer than normal summer temperatures. FYTD CDD were 1,492 versus the 30 year average of 1,378.
B.	Other Revenues	5,812	7,044	(1,232)	- Other revenues include items such as damaged property recovery, connection fees, late fees, and tampering fees which tend to fluctuate.
C.	Retail Power Supply & Transmission	101,794	114,799	13,005	- The favorable variance is attributable to various components within Retail Power Supply & Transmission. Please refer to page A-7 for additional details.
D.	Distribution	9,544	11,934	2,390	- The favorable variance is primarily attributable to salary savings due to vacant positions and receiving credit for higher than planned O&M work performed for MPP.
E.	Finance, Fleet, & Warehouse	2,620	3,205	585	- The favorable variance is primarily attributable to salary savings due to vacant positions within Fleet and Warehouse, lower than planned expenditures for aerial truck overhauls, and lower than planned fuel usage.
F.	Telecom	1,096	1,346	250	- The favorable variance is primarily attributable to lower than planned costs for private contractual services and professional services.
G.	Interest Income	1,827	1,122	704	- The favorable variance is attributable primarily to higher cash on hand than planned and slightly higher actual rate of return.
H.	Other Income / (Expense)	1,501	1,075	426	- The favorable variance is primarily attributable to higher than planned miscellaneous revenue from the sale of scrap materials and obsolete inventory and assets.
I.	Capital Contributions (AIC)	5,682	7,764	(2,082)	- The unfavorable variance is primarily attributable to the timing of AIC projects.

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

	Jun-18	May-18	Mar-18	Dec-17	Sep-17	Jun-17	Jun-16	Recommended Reserves	Minimum Reserves
<b>Cash and Investments</b>									
General Operating Reserve	\$ 80,665	\$ 83,478	\$ 84,326	\$ 84,114	\$ 78,907	\$ 70,572	\$ 58,529	\$ 52,010	\$ 37,570
Capital & Debt Reduction Fund	10,000	10,000	10,000	10,000	10,000	10,000	10,000	21,000	5,200
BWP Projects Reserve Deposits at SCPPA	16,492	15,977	15,917	15,879	15,833	15,787	15,482		
Sub-Total Cash and Investments	107,157	109,454	110,243	109,994	104,739	96,358	84,011	73,010	42,770
Capital Commitments	(6,749) <sup>(b)</sup>	(10,650)	(11,448)	(14,950)	(16,341)	(16,446)	(17,000)		
Customer Deposits	(5,432)	(5,425)	(5,750)	(7,691)	(8,363) <sup>(c)</sup>	(4,533)	(3,186)		
Public Benefits Obligation	(6,243)	(5,876)	(5,799)	(5,705)	(5,270)	(4,520)	(4,224)		
Biogas Commitment	-	-	-	-	-	-	(7,751)		
Pacific Northwest DC Inter tie	(7,455)	(7,455)	(7,842)	(8,646)	(8,765)	(8,765)	-		
Low Carbon Standard Fuel <sup>(d)</sup>	(1,251)	-	-	-	-	-	-		
<b>Cash and Investments (less Commitments)</b>	<b>80,028</b>	<b>80,049</b>	<b>79,404</b>	<b>73,001</b>	<b>66,000</b>	<b>62,095</b>	<b>51,950</b>	<b>73,010</b>	<b>42,770</b>

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

<sup>(b)</sup> Denotes capital commitment for the Ontario Distribution Station and 4kV to 12kV conversion of circuits.

<sup>(c)</sup> Included in the balance is a customer deposit received in May 2017 and July 2017 for \$2.7M and \$3.7M respectively for the Ontario Distribution Station (Avion Burbank Development).

<sup>(d)</sup> Denotes funds reserved related to the sale of Low Carbon Standard Fuel (LCSF) credits.

## Estimated June 2018 Budget to Actual P&L Variance Highlights - Electric Fund

(in 000's)

	Variance Month-to-Date		Budget to Actual Variance
	Favorable Items	Unfavorable Items	
<b><u>MTD NET INCOME/(LOSS): \$(604)</u></b>		\$ (790)	\$ (790)
 <b><u>MTD GROSS MARGIN VARIANCE</u></b>			
Retail Sales		(1,847)	(1,847)
Power Supply and Transmission			
- Lower usage of biomethane gas than planned and savings from biomethane restructuring	366		366
- A more favorable renewable swap agreement	361		361
- Lower load and economic dispatch, the managing and optimizing of resources by taking advantage of lower energy prices to meet system load	169		169
- Higher delivery of wind resources		(106)	(106)
- Tieton adjustment		(64)	(64)
Wholesale Margin	207		207
<b>Total</b>	<b>1,103</b>	<b>(2,017)</b>	<b>(914)</b>
 <b><u>MTD EXPENSE AND OTHER VARIANCES</u></b>			
In lieu and Street lighting	124		124
<b>Total</b>	<b>124</b>	<b>-</b>	<b>124</b>

**Estimated June 2018 Budget to Actual P&L Variance Highlights - Electric Fund**  
(in 000's)

	<b>Variance Fiscal Year-to-Date</b>		
	<u>Favorable Items</u>	<u>Unfavorable Items</u>	<u>Budget to Actual Variance</u>
<b><u>FYTD NET INCOME: \$19,471</u></b>	14,089		14,089
<b><u>FYTD GROSS MARGIN VARIANCE</u></b>			
Retail Sales		(4,968)	(4,968)
Power Supply and Transmission			-
- Prior period true-up credits	4,852		4,852
- Lower usage of biomethane gas than planned and savings from biomethane restructuring	4,291		4,291
- Lower than planned O&M expenses	1,192		1,192
- Receiving less renewable energy than planned	876		876
- Renegotiation of a current renewables agreement	787		787
- Lower load and economic dispatch, the managing and optimizing of resources by taking advantage of lower energy prices to meet system load	459		459
- Higher IPP true up credits than planned	405		405
- Lower than planned transmission expenses	143		143
Wholesale Margin	955		955
Other Revenues		(1,232)	(1,232)
<b>Total</b>	<u>13,960</u>	<u>(6,200)</u>	<u>7,760</u>
<b><u>FYTD EXPENSE AND OTHER VARIANCES</u></b>			
Distribution	2,390		2,390
Finance, Fleet, & Warehouse	585		585
Telecom	250		250
In lieu and street lighting	327		327
Depreciation expense	365		365
All other	2,412		2,412
<b>Total</b>	<u>6,329</u>	<u>-</u>	<u>6,329</u>

Burbank Water and Power  
Water Fund (497)

Estimated Statement of Changes in Net Assets <sup>(1)</sup>  
MTD and FYTD June 2018  
(\$ in 000's except Gallons)

MTD FY 17-18	MTD Jun-18 Budget	\$ Variance <sup>(2)</sup>	% Variance	FYTD FY 17-18	FYTD Jun-18 Budget	\$ Variance <sup>(2)</sup>	% Variance
471	442	29	7% <sup>(a)</sup>	5,298	4,855	443	9% <sup>(A)</sup>
98	86	12	14% <sup>(b)</sup>	1,067	996	71	7% <sup>(B)</sup>
\$ 2,274	\$ 2,230	\$ 44	2% <sup>(c)</sup>	\$ 26,594	\$ 25,348	\$ 1,246	5% <sup>(C)</sup>
363	326	37	12% <sup>(d)</sup>	3,949	3,787	162	4% <sup>(D)</sup>
19	49	(30)	(61%) <sup>(e)</sup>	622	592	30	5%
2,656	2,605	51	2%	31,165	29,727	1,438	5%
1,064	1,006	(58)	(6%) <sup>(f)</sup>	11,995	11,120	(876)	(8%) <sup>(E)</sup>
1,593	1,599	(7)	(0%)	19,169	18,607	562	3%
315	315	-	0%	5,853	6,883	1,030	15% <sup>(F)</sup>
112	112	-	0%	1,690	1,359	(331)	(24%) <sup>(G)</sup>
188	188	-	0%	2,105	2,374	269	11%
146	146	-	0%	1,744	1,751	7	0%
335	335	-	0%	3,690	4,017	328	8%
1,095	1,095	-	0% <sup>(g)</sup>	15,082	16,385	1,303	8%
12	12	-	0%	211	143	67	47% <sup>(H)</sup>
47	47	-	0%	459	559	(101)	(18%) <sup>(I)</sup>
(163)	(163)	-	0%	(1,954)	(1,958)	5	0%
(105)	(105)	-	0%	(1,285)	(1,256)	(29)	(2%)
392	399	(7)	(2%)	2,803	967	1,836	190%
31	31	(0)	(0%)	366	374	(7)	(2%)
\$ 423	\$ 430	\$ (7)	(2%)	\$ 3,169	\$ 1,340	\$ 1,829	136%

1. This report may not foot due to rounding.

2. ( ) = Unfavorable

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

4. Other Income/(Expense) includes miscellaneous revenue from the sale of scrap materials, inventory, and assets.

Burbank Water and Power  
Water Fund (497)  
Estimated Statement of Changes in Net Assets - Footnotes  
MTD June 2018  
(\$ in 000's except Gallons)

Foot- note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
a.	Potable Water Usage in Millions of Gallons	471	442	29	- Potable water sales are higher primarily because of higher than planned demand for landscaping irrigation. The higher demand is likely related to the easing of landscape watering restrictions from two to three days per week.
b.	Recycled Water Usage in Millions of Gallons	98	86	12	- Recycled water sales are higher primarily because of higher than planned demand for landscaping irrigation.
c.	Potable Water Revenue	2,274	2,230	44	- MTD Potable water revenue corresponds with the demand, impacted likely in part by the timing of customer billings and slightly by using some potable water for recycled make-up.
d.	Recycled Water Revenue	363	326	37	- MTD Recycled water revenue corresponds with the demand.
e.	Other Revenue	19	49	(30)	- Other revenues include items such as damaged property recovery, connection fees, late fees, and tampering fees, which tend to fluctuate.
f.	Water Supply Expense	1,064	1,006	(58)	- Water supply expense corresponds with higher demand.
g.	Total Operating Expenses	1,095	1,095	-	- Expenses, other than water supply expense, have not closed for June 2018 and are estimated at budgeted values.

**Burbank Water and Power  
Water Fund (497)  
Estimated Statement of Changes in Net Assets - Footnotes  
FYTD June 2018  
(\$ 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	5,298	4,855	443	- FYTD Potable water sales are higher due to higher than planned demand for landscaping irrigation, which is driven by warmer than normal summer temperatures, lower than normal rainfall in the current fiscal year, and the easing of landscape watering restrictions from two to three days per week. FYTD CDD were 1,492 versus the 30 year average of 1,378. FYTD Burbank received 6.39 inches of rainfall as compared to average precipitation of 17.32 inches.
B.	Recycled Water Usage in Millions of Gallons	1,067	996	71	- FYTD Recycled water sales are higher due to higher than planned demand for landscaping irrigation, which is driven by warmer than normal summer temperatures and lower than normal rainfall in the current fiscal year. FYTD CDD were 1,492 versus the 30 year average of 1,378. FYTD Burbank received 6.39 inches of rainfall as compared to average precipitation of 17.32 inches.
C.	Potable Water Revenue	26,594	25,348	1,246	FYTD Potable water revenue corresponds with the demand.
D.	Recycled Water Revenue	3,949	3,787	162	- FYTD Recycled water revenue corresponds with the demand.
E.	Water Supply Expense	11,995	11,120	(876)	Water supply expense corresponds with demand.
F.	Operations & Maintenance - Potable	5,853	6,883	1,030	- The favorable variance is attributable to lower than planned spending on professional services, special departmental supplies and street & pavement repair, private contractual services, utilities, receiving higher credit for O&M work performed for Recycled Water as well as salary savings due to vacant positions.
G.	Operations & Maintenance - Recycled	1,690	1,359	(331)	- The unfavorable variance is attributable to higher than planned O&M work performed by Potable water staff, and legal work on Water Rights Petition.
H.	Interest Income	211	143	67	The favorable variance is attributable primarily to higher cash on hand than planned and slightly higher actual rate of return.
I.	Other Income/Expense	459	559	(101)	The unfavorable variance is primarily attributable to the unpredictability of miscellaneous income.

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

	Jun-18	May-18	Mar-18	Dec-17	Sep-17	Jun-17	Jun-16	Recommended Reserves	Minimum Reserves
<b>Cash and Investments</b>									
General Operating Reserves	\$ 11,197	\$ 11,181	\$ 11,111	\$ 11,791	\$ 10,842	\$ 9,542	\$ 9,329	\$ 12,630	\$ 8,070
Capital Reserve Fund	2,220	2,220	2,220	2,220	2,220	2,220	2,220	5,200	1,300
Sub-Total Cash and Investments	13,417	13,401	13,331	14,011	13,062	11,762	11,549	17,830	9,370
Customer Deposits	(1,015)	(977)	(963)	(968)	(957)	(786)	(1,404)		
Capital Commitments	(140) <sup>(b)</sup>	(140)	(140)	(186)	(227)	(228)	(553)		
Water Purchase Commitments <sup>(c)</sup>	-	-	-	(2,743)	-	-	-		
Cash and Investments (less commitments)	12,262	12,285	12,228	10,113	11,978	10,749	9,592	17,830	9,370

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

<sup>(b)</sup> Capital commitment for the recycled water I-5 Freeway second tie crossing project.

<sup>(c)</sup> 7200 Acre Feet of untreated water was purchased from the Metropolitan Water District, with final payment made in February 2018.

**Estimated June 2018 Budget to Actual P&L Variance Highlights - Water Fund**  
(in 000's)

	<u>Variance Month-to-Date</u>		<u>Budget to Actual Variance</u>
	<u>Favorable Items</u>	<u>Unfavorable Items</u>	
<b><u>MTD NET INCOME (LOSS): \$392</u></b>		(7)	(7)
<b><u>MTD GROSS MARGIN VARIANCE</u></b>			
Potable Revenues	44		44
Recycled Revenues	37		37
Other Revenue		(30)	(30)
Water Supply Expense		(58)	(58)
<b>Total</b>	<b>81</b>	<b>(88)</b>	<b>(7)</b>

**Estimated June 2018 Budget to Actual P&L Variance Highlights - Water Fund**  
(in 000's)

	Variance Fiscal Year-to-Date		Budget to Actual Variance
	Favorable Items	Unfavorable Items	
<b><u>FYTD NET INCOME: \$2,803</u></b>	1,836		1,836
<b><u>FYTD GROSS MARGIN VARIANCE</u></b>			
Potable Revenues	1,246		1,246
Recycled Revenues	162		162
Other Revenue	30		30
Water Supply Expense		(876)	(876)
<b>Total</b>	<b>1,438</b>	<b>(876)</b>	<b>562</b>
<b><u>FYTD O&amp;M AND OTHER VARIANCES</u></b>			
Potable Water O&M	1,030		1,030
Recycled Water O&M		(331)	(331)
Allocated O&M	269		269
Depreciation Expense	328		328
All Other		(22)	(22)
<b>Total</b>	<b>1,627</b>	<b>(353)</b>	<b>1,274</b>