

Weekly Management Report April 17, 2020

1. Report

February 2020 Operating Results

Water & Power Department

2. Agenda

Burbank-Glendale-Pasadena Airport Authority Meeting

On Monday, April 20, 2020 via teleconference.

Burbank-Glendale-Pasadena Airport Authority



CITY OF BURBANK BURBANK WATER AND POWER STAFF REPORT

DATE:

April 2, 2020

TO:

BWP Board

FROM:

Jorge Somoano, General Manager, BWP

SUBJECT:

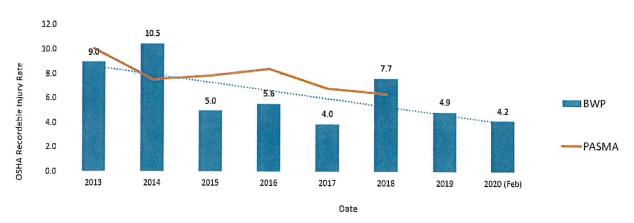
February 2020 Operating Results

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

SAFETY

For the month of February, BWP experienced one OSHA recordable injury. BWP's 12 month rolling rate for end of February remains at 4.2.





OSHA Recordable Injury Rate = No. of recordable cases per 100 full time employees. Current year expressed as 12 month rolling average PASMA - Public Agency Safety Management Association (Utilities only Data)

APPA - American Public Power Authority - All Members

Water Estimated Financial Results

For the month of February, Potable Water usage was 14% (47 million gallons) higher than budgeted and Potable Water Revenues were \$468,000 higher than budgeted. Recycled Water usage was 14% (7 million gallons) lower than budgeted and Recycled Water Revenues were \$22,000 lower than budgeted. February Water Supply Expenses were \$594,000 higher than budgeted as there was no local water production due to a coordinated shutdown of Valley Pumping Plant, and work performed on the B-5 connection, in tandem with work performed at the Valley Forebay. February's Gross Margin was \$141,000 lower than budgeted. Net Income was a loss of \$381,000, which was \$141,000 lower than budgeted.

February fiscal-year-to-date (FYTD) Potable Water usage was 1% (31 million gallons) higher than budgeted. FYTD February Potable Water Revenues were \$206,000 higher than budgeted. FYTD Recycled Water usage was 3% (21 million gallons) lower than budgeted and Recycled Water Revenues were \$23,000 lower than budgeted. FYTD Water Supply Expenses were \$212,000 higher than budgeted. The FYTD February Gross Margin was \$1,000 better than budgeted. Operating Expenses were \$1,379,000 lower than budgeted. Net Income was \$1,647,000, which was \$1,404,000 better than budgeted.

Electric Estimated Financial Results

For the month of February, electric loads were 5% lower than budget. Retail Sales were \$110,000 lower than budgeted. February Power Supply Expenses were \$53,000 lower than budgeted. February's Wholesale Margin was \$1,000 higher than budgeted. February's Gross Margin was \$237,000 lower than budgeted. Net Income was a loss of \$1,787,000, which was \$237,000 lower than budgeted.

FYTD February electric loads were 6% lower than budget. Retail Sales were \$4,981,000 lower than budgeted. FYTD Power Supply Expenses were \$8,359,000 lower than budgeted primarily due to lower energy prices and economic dispatch (the managing and optimizing of resources to meet system load), higher than planned annual true up, and lower than planned O&M expenses. FYTD Wholesale Margin was \$357,000 lower than budgeted. FYTD Gross Margin was \$2,327,000 better than budgeted. February FYTD Operating Expenses were \$2,036,000 lower than budgeted. Net Income was \$5,335,000, which was \$4,565,000 better than budgeted.

WATER DIVISION

State Water Project Update

On January 24, 2020 the Department of Water Resources (DWR) increased the State Water Project (SWP) Allocation Table A amounts from 10% to 15%. Allocations are reviewed monthly based on snowpack and runoff information and are typically finalized by May. Precipitation in the Northern Sierra is at 63% of average to date. Statewide snowpack is 76% of normal for this date. The state gets about 30% of its annual water supply from snowpack. Snow water content is one factor in determining allocation amounts along with reservoir storage and releases necessary to meet water supply and environmental demands.

Lake Oroville, the SWP's largest reservoir, is currently at 61% of capacity and 94% of average for this time of year. Shasta Lake, the Central Valley Project's (CVP) largest reservoir, is at 74% of capacity and 112% of average. In Southern California, SWP's Castaic Lake is at 72% of capacity and 87% of average.

The 15% allocation amounts to 635,434 acre-feet of water.

Burbank's Water Use

The table below shows water use in Burbank during February 2020 compared to February 2019 measured in gallons per capita per day (gpcd). Also shown is a comparison of Burbank's water use based on a 12-month rolling average.

	Average Monthly Use	Rolling 12-Month Average
February 2019	98 gpcd	134 gpcd
February 2020	124 gpcd	136 gpcd

These figures show annual water use is well below the target average use of 157 gpcd that must be met by the year 2020.

Burbank Operating Unit (BOU) Water Production

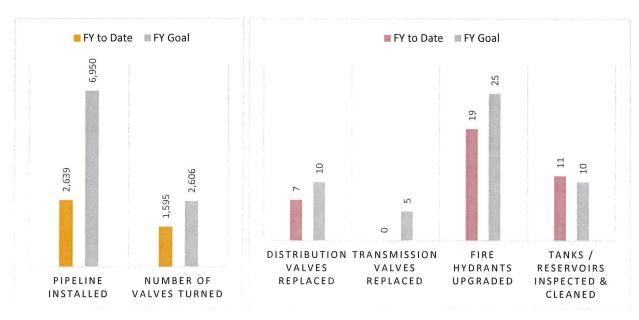
The table below provides the operational data for the BOU for the rolling quarter of December through February. The BOU was off for the month of February, the small flow recorded was delivered on January 31, but recorded on February 1. The contract operator performed preventative maintenance activities and replaced carbon in one half of the vapor carbon beds during the shutdown, because the wells and BOU was off there were no water quality samples collected at the BOU.

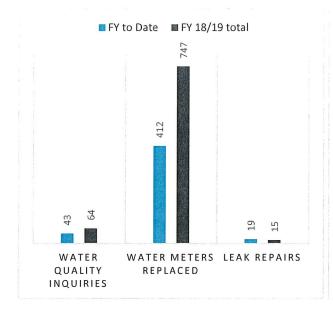
	Capacity Factor	Average Flow Rate (FY Total)
Dec '19	90.58%	8152 gpm
Jan '20	91.4%	8226 gpm
Feb '20	.76%	69 gpm

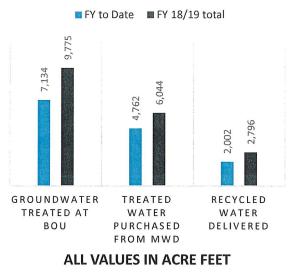
The BOU was off for the month of February due to planned maintenance activities of both MWD and BWP. MWD conducted the East Valley Feeder (EVF) shutdown on February 3 - 16, 2020. The purpose of this shutdown was to remove and replace piping and valves associated with the Greg Avenue Pump Station Rehabilitation Project. MWD's project included the installation of two new pumps and motors, new control building and surge tanks, reconfiguration of the service Connection B-05, and replacement of several valves. Following the successful EVF shutdown, MWD conducted a second shutdown from February 18-22, 2020, which included the MWD Foothill Feeder and Jensen Treatment Plant. This outage was from Castaic Lake to Jensen Plant which allowed the California Department of Water Resources (DWR) to make repairs on a 132" isolation valve. BWP took advantage of the two MWD shutdowns to perform joint replacement and crack repair at the Valley Plant Forebay. The Forebay work extended through the month of February.

Key Performance Indicators

The graphs below illustrate the progress the Water Division has made on key performance measures.







Leak Alert Notifications

During the Fall of 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 water use 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) was completed in 18 months.

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, Water Smart, works by receiving hourly water usage from the meter and analyzes this data to determine if a leak might be present based on continuous usage. Since 2015, we have provided 11,756 leak alerts to customers. Unfortunately, a high volume of communication modules are not working reliably and replacement units are no longer produced.

As of February 2020, 3,187 communication modules are not working properly out of 26,991 meters (about 12%). We 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, we are now in the process of notifying additional customers.

Projects

Drinking Fountains

As part of a joint venture with Parks & Recreation and Community Development, the Water Division continues to install and update old drinking fountains at various parks. This particular fountain is one of three that were upgraded at Maxam Park.







ELECTRIC DISTRIBUTION

ELECTRIC RELIABILITY

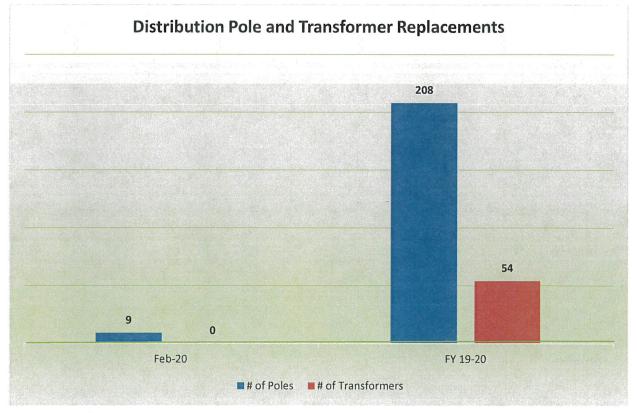
In February 2020, BWP did not experience any sustained feeder outages. In the past 12 months, automatic reclosing has reduced customer outage time by approximately 1,483,589 customer minutes.

Deliability Magazyamant	March 2018 –	March 2019 –
Reliability Measurement	February 2019	February 2020
Average Outages Per Year (SAIFI)	0.4654	0.2516
Average Outage Duration (CAIDI)	45.98 minutes	14.66 minutes
Average Service Availability	99.9959%	99.999%
Average Momentary Outages Per Year (MAIFI)	0.42784	0.3543
No. of Sustained Feeder Outages	11	4
No. of Sustained Outages by Mylar Balloons	3	2
No. of Sustained Outages by Animals	0	0
No. of Sustained Outages by Palm Fronds	3	0

PROJECT UPDATES

Electric Asset Data Report - Distribution Poles and Transformers

Distribution poles and transformers are installed or replaced as part of the overall improvement of the electric system. Staff performs pole-loading and transformer-loading analysis to determine if poles and transformers need to be replaced preemptively and when we plan to "touch" them, such as during 12 kV conversion projects. In addition, deteriorated poles are identified from the pole inspection program and prioritized for replacement based on condition. The following poles and transformers have been installed and/or replaced this fiscal year:



In the month of February, the total number of poles installed in FY19-20 was 199. The February operations report incorrectly listed this as 203 poles.

34.5 kV Circuit Breaker Replacement for McCambridge Lincoln-McCambridge Line

The 34.5 kV oil-filled circuit breaker (OCB) used for isolating McCambridge Lincoln-McCambridge Line was not opening as quickly as designed. This circuit breaker was originally installed in 1965. After performing additional maintenance on this

circuit breaker, it was determined that it could not be brought back to original design specifications. As such, this circuit breaker was removed and replaced with a new vacuum circuit breaker (VCB). The new VCB opens faster than the original OCB, which means it does a better job of protecting equipment and reducing arc flash exposure to personnel.



Original 34.5 kV Oil Circuit Breaker



New 34.5 kV Vacuum Circuit Breaker

New Alley near Rogers Place and Keeler

As part of the Caltrans I-5 widening project, the northbound I-5 on ramp at San Fernando was rebuilt. A part of this work included constructing a new alley by Security Paving, a contractor for Caltrans, which required undergrounding of BWP electric as well as streetlight facilities. A total of 3 utility poles, 4 streetlight poles, and 266 feet of overhead conductor were removed. A new pad mount transformer service and associated pull boxes were installed to maintain the feeds to the adjacent apartment buildings serving 54 residential units. Streetlights were relocated and new LED lighting was installed.



Before



After

STREET LIGHTING

LED Replacement Program

In accordance with the Street Lighting Master Plan, BWP is replacing high-pressure sodium (HPS) streetlight luminaires with light-emitting diode (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, 64.09% of the total streetlight luminaires have been

converted to LEDs, which translates to an annualized energy savings of 3,609MWh or a 38.95% reduction in energy consumption. LED conversions have also reduced evening load by 824kW, which shortens the "neck of the duck curve" and reduces the amount of energy generation that BWP needs.

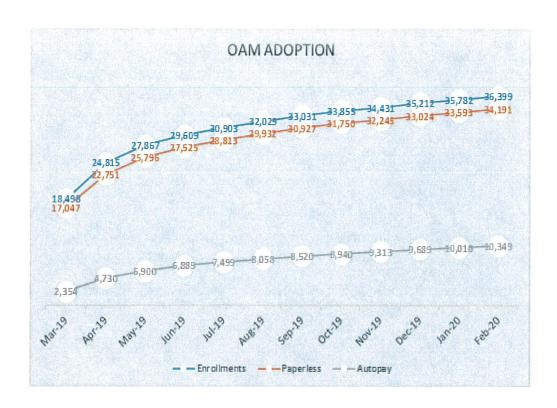
CUSTOMER SERVICE

Customer Service Operations

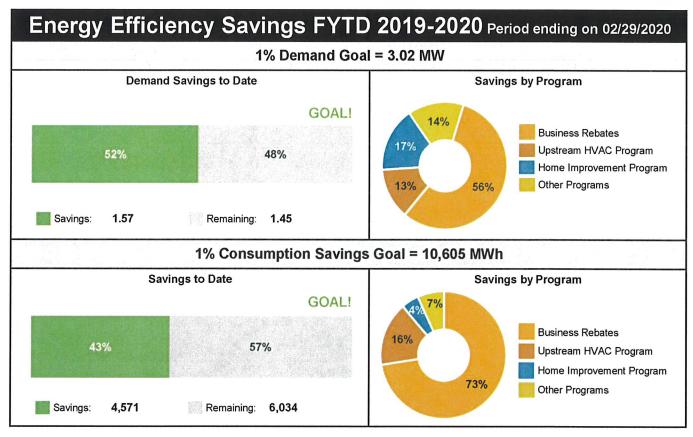
After hiring additional Customer Service Representatives (CSR) in January, our Contact Center is now fully staffed. Our new CSRs have learned how to answer various types of calls and continue to expand their skillsets with new tasks. The Contact Center performance is expected to improve in the next few months as these new employees grow their working knowledge.

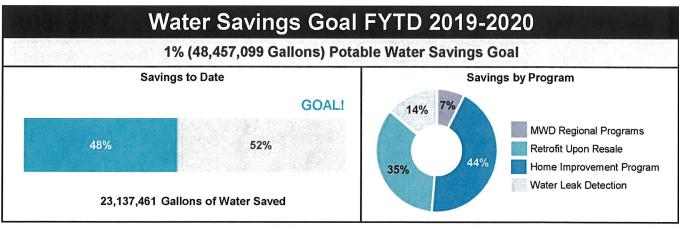
Online Account Manager

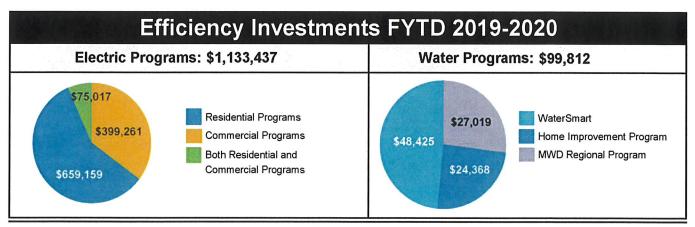
The adoption of the Online Account Manager (OAM) continues to be 49% of all active accounts. Of all registered accounts, close to 90% are paperless customers helping BWP reduce costs and reduce carbon emissions. BWP will continue its efforts to drive Customers to the OAM, paperless, and auto pay. These initiatives will continue to drive down costs. BWP's second milestone is to have 80% of all active accounts registered on the OAM by 2021. Below is the chart outlining activity for the Online Account Manager:



	Active	% of Total Active Accounts
Enrollment	25,997	50%
Paperless	22,172	42%
Autopay	14,493	26%







Electric Vehicle (EV) Charging Program

Forty-seven public EV charging ports are installed in Burbank, including 2 DC Fast Chargers and 18 curbside chargers. As of November 1, 2019, pricing for public EV charging is \$0.1753 per kilowatt-hour (kWh) for Level 1 and Level 2. For the DC Fast Chargers, the charging rate is \$0.2817 per kWh.

Month of usage	Chargers Available	Usage in kWh	Gross Revenue	GHG reduced in kg	kWh/ Station/ Day	% Peak Sessions	Charging Occupancy
Feb 2020	46	32,566	\$5,081	13,674	26.1	22%	22%
Jan 2020	39	27,675	\$4,792	11,623	20.8	22%	18%
Dec 2019	40	23,910	\$4,463	10,042	17.9	22%	17%
Nov 2019	42	17,028	\$3,336	7,152	13.2	23%	14%
Oct 2019	35	16,847	\$3,175	7,076	13	22%	14%
Sep 2019	34	15,978	\$3,099	6,711	12	24%	16%
Aug 2019	36	17,738	\$3,638	7,450	13	24%	14%
Jul 2019	41	19,804	\$3,765	8,318	15	22%	16%
Jun 2019	42	24,374	\$4,303	10,237	19	21%	23%
May 2019	42	25,756	\$4,783	10,818	19	21%	22%
Apr 2019	42	26,501	\$4,981	11,131	20	21%	20%
Mar 2019	42	24,810	\$4,507	10,420	18	20%	17%
Feb 2019	44	20,127	\$3,277	8,453	17	23%	17%
Jan 2019	44	20,706	\$3,511	8,696	16	22%	18%
Dec 2018	45	22,889	\$3,991	9,613	18	21%	19%
Nov 2018	45	22,145	\$3,879	9,301	18	20%	20%
Oct 2018	45	23,141	\$3,957	9,719	18	20%	21%
Sep 2018	45	18,592	\$3,665	7,809	17	18%	20%

One charging port was out of service during February. The DC Fast Charger at the Hollywood-Burbank Airport has a malfunctioning modem. BWP staff has arranged for the delivery of a replacement modem in the month of March, which will be installed by BWP staff.

Port Location	# of Ports	Out of Service Date	Issue	Expected Back in Service Date	Back in Service Date
Hollywood-Burbank Airport	1	20-Jan	Unknown at this time	20-Mar	

Rooftop Solar and Battery Installations

The table below tracks the total number and capacity of installed customer-owned rooftop solar photovoltaic systems and battery installations in Burbank.

Customer Rooftop Solar Installations					
		February 2020			
Solar Installations	13 7.05 Residential Avg. Size (kW)	0.09 Installed Capacity (MW)	Battery Installations	1 Total Installa	tions
	O 0.00 Commercial Avg. Size (kW)	0.00 Installed Capacity (MW)	-4+	15 Power (kW)	40.5 Energy (kWh)
	Total li	nstallations in Burbank ((All Time)		
Solar Installations	821 4.86 Residential Avg. Size (kW)	4.17 Installed Capacity (MW)	Battery Installations	14 Total Installa	tions
	50 87.05 Commercial Avg. Size (kW)	4.35 Installed Capacity (MW)	-4+	110 Power (kW)	306.0 Energy (kWh)

TECHNOLOGY

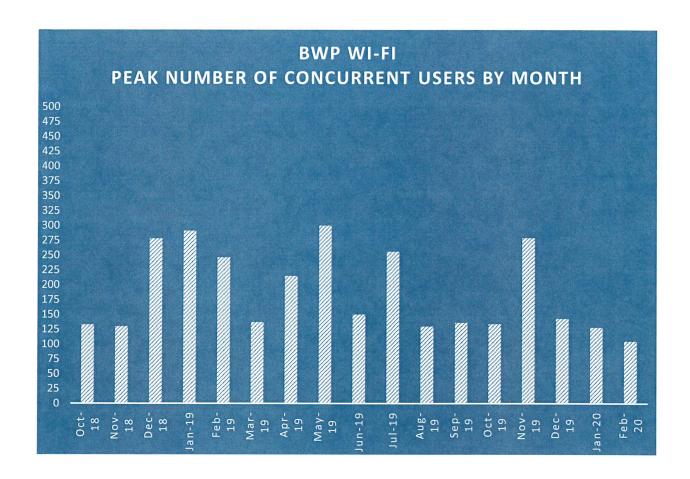
Broadband Services (ONE Burbank)

	February 2020	February 2020 Revenues for		FYTD Budget
	New Orders	February 2020	Revenues	
Lit	1	\$109,661	\$905,760	\$1,026,667
Dark	0	\$187,189	\$1,642,445	\$1,540,000
Total	1	\$296,850	\$2,548,205	\$2,566,667

BWP WiFi

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

The table below reports the number of users that are active and communicating to the internet (email, browsing, streaming, etc.)



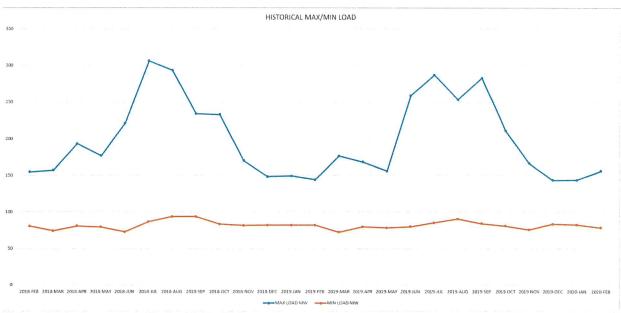
Cyber Security Update – February 2020

BWP is currently implementing technology improvements which will impact the way cyber security data is gathered and metrics are reported going forward. BWP will make every effort to provide accurate and relevant data within these reports, however, as necessary technology improvements are required, these reports and the data referenced within them may change.

POWER SUPPLY

BWP SYSTEM OPERATIONS:

The maximum load for February 2020 was 156.1 MW at 2:55 PM on Friday, February 28, and the minimum load was 78.5 MW at 3:54 AM on Saturday, February 22.



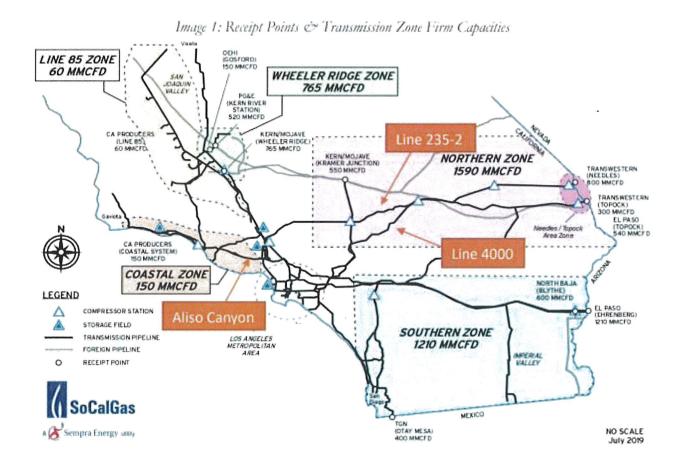
Minimum load values corrected for Sept & Dec 2018.

YEAR	MAX LOAD	MAX DATE
2020	156.1 MW	28-Feb-20
2020	130.1 10100	14:55:08
2019	282.66 MW	04-Sep-19
2019	202.00 10100	15:31:17
2018	306.3 MW	06-Jul-18
2018	300.3 IVIVV	16:41:28
2017	322.1 MW	31-Aug-17
2017	322.1 IVIVV	16:02:52
2016	308.52 MW	20-Jun-16
2016	300.32 10100	16:46:20

The Burbank power system did not experience abnormal weather or natural gas supply issues for February 2020.

Southern California continues to experience natural gas reliability and affordability challenges because of supply and demand mismatches. SoCal Gas' 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. The CPUC has begun posting redacted reports from SoCal Gas on 2019-20 winter withdrawals from Aliso Canyon. Aliso Canyon was used: six days in February (totaling 1.824 Bcf) without any operational anomalies or any Smart Therm demand response event declared; nine days in January (totaling 3.331 Bcf); and 19 days in December (totaling 7.042 Bcf). This likely reduces the number and severity of single day gas price swings in the SoCal Gas system.



Line 235-2

Line 235-2 (largely a 1957 vintage pipeline) was again removed from service on January 27, 2020 after a preliminary report was received indicating a single location that needed to be immediately remediated. The repair has been completed and the anticipated completion date for the re-pressurization process is February 16. The pipeline is expected to be back in service at a reduced pressure by February 17. The re-pressurization process has been progressing successfully thus far with one more leak survey to be completed before the pipeline can be returned to service.

Line 4000

Following the Line 235-2 rupture, SoCal Gas reduced the pressure of Line 4000 (largely a 1960 vintage pipeline) because it is in the same "family" of pipelines as Line 235-2. SoCal Gas lowered the pressure to increase the factor of safety on the pipeline until SoCal Gas can conduct further analysis of Line 4000 based on what is learned from Line 235-

2. In addition, this increased safety margin reduced the safety risk to employees working on Line 235-2, which is in close proximity to Line 4000 for the first 5-6 miles.

Line 4000 was taken out of service on September 19 for validation digs. Line 4000 returned to service on October 24 at reduced pressure.

ELECTRICITY GENERATION:

BWP Generating Facilities

Unit	Availability	Operating Hrs	MWH (Net)	NO _x (lbs)	Starts
Olive 1	0%	0	0	0	0
Olive 2	0%	0	0	0	0
Lake 1	100%	30	1,069	204	1
MPP	6%	44	5,335	991	3

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 One was placed online one time during the month of February.

Magnolia Power Project (MPP)

	February	FYTD	YTD
Availability	6%	85%	49%
Unit Capacity Factor (240 MW)	3%	66%	35%

MPP was offline from February 1-25, 2020 for installation of the GE enhancement hardware and upgrade of the Mark VI control system to Mark VIe. MPP was successfully restarted on February 25, 2020 and was shut down approximately six hours later to clean the fuel strainers. MPP was successfully restarted on February 27, 2020 and online for approximately seventeen hours until the steam turbine tripped offline due to a hydraulic system failure. Upon completion of repairs, the unit was successfully restarted on February 29, 2020. MPP will continue to undergo New Product Introduction testing and tuning as part of the GE enhancements.

Tieton Hydropower Project (Tieton)

Generation ended October 19, 2019 and maintenance work has been completed on Unit 2. Work on Unit 1 will also be complete in the upcoming weeks. It is anticipated that limited generation may begin in late March and the Rimrock reservoir that supplies water to Tieton, is currently at 71% full. It is estimated that with snowmelt, there will be between 2.5 and 3 reservoir fills which should result in a stronger generation season than the prior year.

ENVIRONMENTAL

Air Quality

There are no air quality updates at this time.

Storm Water

On February 9, 2020, a fourth set of storm water samples was collected at the BWP campus. Storm water samples are required to be analyzed by an independent laboratory and the results submitted to the State Water Resources Control Board's online reporting tool. The previous sample analytical results continue to indicate elevated levels of zinc. BWP is in the environmental review process for a storm water improvement project to address the storm water compliance issues.

PROJECT UPDATES:

Power Resources

Transmission Update

Negotiations with LADWP, for several existing Transmission Service Agreements, including those associated with Hoover Dam and IPP generation resources are ongoing. A one-year extension of the existing Hoover Transmission Service Agreement was approved by consent by City Council on August 13, 2019. The IPP related Transmission Service Agreement expires in 2027.

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, storage, and power generation at IPP. In the medium-term, the participants are targeting 30% green hydrogen combustion by July 2025, when the repowered project is scheduled to come on-line.

Power Generation

Landfill Gas to Energy (LFGTE) Project

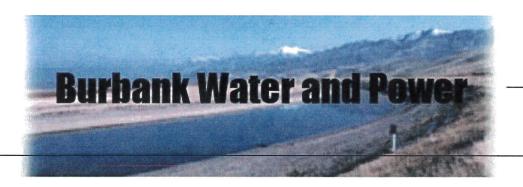
The LFGTE microturbines and gas conditioning skid are now fully operational and generating continuous power for the Burbank Electrical System. ACCO Engineered Systems has assumed responsibility for operating and maintaining the system for the first year.

The controls for the existing flare and new microturbine system have been integrated to allow synchronized operation. The LFGTE system is still being

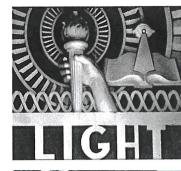
monitored and tuned in order to meet the requirements of the landfill gas collection system.



LFGTE Installed System



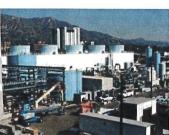












Estimated Financial Report February-20

Burbank Water and Power Electric Fund (496)

Estimated Statement of Changes in Net Assets (1) (2) (5) MTD and FYTD February 2020

(\$ in 000's except MWh Sales)

						(\$ in 000's except MWh Sales)		<u></u> .		
		D Feb-20 Budget	Va	\$ riance ⁽²⁾	% Variance		FYTD FY 19-20		ΓD Fel Budg€	
•						(5%) ^(a)	SICI ANAIL	 		
	74,066		77,763		(3,697)	(5%)	NEL MWh	738,073		781,(
							Retail			
	11,137	\$	11,248	\$	(110)	(1%)	Retail Sales	\$ 111,590	\$	116,
	407		587		(181)	(31%) ^(b)	Other Revenues ⁽³⁾	4,002		4,6
	8,778		8,831		53_	1% ^(c)	Retail Power Supply & Transmission	 71,586		79,
	2,766		3,004		(238)	(8%)	Retail Margin	44,006		41,:
							Wholesale			
	376		1,962		(1,587)	(81%)	Wholesale Sales	5,599		33,6
	326		1,913		1,587	83%	Wholesale Power Supply	5,113		32,
	50		49		1	2%	Wholesale Margin	485		ł
2,816 3,		3,053		(237)	(8%)	Gross Margin	44,491		42,	
							Operating Expenses			
	917		917		-	0%	Distribution	7,275		7,4
	113		113		-	0%	Administration/Safety	896		•
	228		228		-	0%	Finance, Fleet, & Warehouse	1,517		1,8
	507		507		-	0%	Transfer to General Fund for Cost Allocation	4,058		4,(
	446		446		-	0%	Customer Service, Marketing & Conservation	2,817		3,!
	312		312		-	0%	Public Benefits	2,879		3,2
	136		136		-	0%	Security/Oper Technology	1,562		1,:
	110		110		-	0%	Telecom	818		!
	183		183		-	0%	Construction & Maintenance	1,201		1,4
	1,575		1,575		_	0%	Depreciation	 12,292		12,
	4,526		4,526		-	0% ^(d)	Total Operating Expenses	35,316		37,:
	(1,711)	\$	(1,474)	\$	(237)	(16%)	Operating Income/(Loss)	\$ 9,176	\$	4,1

Burbank Water and Power Electric Fund (496)

Estimated Statement of Changes in Net Assets (1) (2) (5) MTD and FYTD February 2020

(\$ in 000's)

							(* /				
MTD MTD Feb-2 FY 19-20 Budget		(0)		% Variance		FYTD FY 19-20		FYTD Feb-2 Budget			
\$	(1,711)	\$	(1,474)	\$	(237)	(16%)	Operating Income/(Loss)	\$	9,176	\$	4,813
							Other Income/(Expenses)				
	162		162		-	0%	Interest Income		1,416		1,298
	106		106			0%	Other Income/(Expense) (4)		(2,503)		(2,586
	(344)		(344)			0%	Bond Interest/ (Expense)		(2,755)		(2,755
	(76)		(76)			0%	Total Other Income/(Expenses)		(3,841)		(4,043
	(1,787)		(1,550)		(237)	(15%)	Net Income		5,335		770
	372		372		-	0%	Capital Contributions (AIC)		417		1,457
\$	(1,415)	\$	(1,178)	\$	(237)	(20%)	Net Change in Net Assets (Net Income)	\$	5,751	\$	2,227

^{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 fer

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

^{5.} MTD is estimated for February 2020; FYTD reports July 2019 through January 2020 actuals.

Burbank Water and Power Electric Fund (496) Estimated Statement of Changes in Net Assets - Footnotes MTD February 2020 (\$ in 000's)

Foot- note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
a.	Electric Usage in MWh	74,066	77,763	(3,697) -	NEL is 5% lower than budget. For the month of Fowas 72.7°F, compared to the normal of 69.6°F. M year average of 237.
b.	Other Revenues	407	587	(181) -	Other revenues include transmission, telecom and items such as damaged property recovery, conne fees which tend to fluctuate.
C.	Retail Power Supply & Transmission	8,778	8,831	53 -	The favorable variance is attributable to various c Supply & Transmission. Please refer to page 5 for
d.	Total Operating Expenses	4,526	4,526		Expenses for February 2020 are estimated at bud

Burbank Water and Power Electric Fund (496) Estimated Statement of Changes in Net Assets - Footnotes FYTD February 2020 (\$ in 000's)

Foot- note #	Accounts/Description	Actual	Budget	Variance to Budget	Explanation
Α.	Electric Usage in MWh	738,073	781,038	(42,965)	- NEL is 6% lower than budget. FYTD actual average high to October is 86.9°F and the 15 year summer average high te actual average low temperature from November to Februal average temperature is 44.2°F. FYTD CDD were 1,114 ve 1,109. FYTD HDD were 972 versus the 15 year average c
В.	Other Revenues	4,002	4,697	(694)	 Other revenues include transmission, telecom and internet items such as damaged property recovery, connection feet fees which tend to fluctuate.
C.	Retail Power Supply & Transmission	71,586	79,945	8,359	- The favorable variance is attributable to various componen & Transmission. Please refer to page 6 for additional detail
D.	Finance, Fleet, & Warehouse	1,517	1,800	283	 The favorable variance is primarily attributable to budgetar positions, delayed spending on software support fees, and on other professional services.
E.	Customer Service, Marketing & Conservation	2,817	3,564	747	- The favorable variance is primarily attributable to budgetar positions, lower than planned spending on professional ser hardware.
F.	Public Benefits	2,879	3,230	351	 Lifeline discounts of \$344K are recorded as a reduction to as an expense. The balance of the variance is attributable retail sales.
G.	Security/Oper Technology	1,562	1,323	(238)	 The unfavorable variance is primarily attributable to less we timing of expenditures for software/hardware, and member unfavorable variance was partially offset by lower than plar professional services.
H.	Construction & Maintenance	1,201	1,460	259	 The favorable variance is primarily attributable to timing of services, more work performed for others than planned, as building grounds maintenance & repair.
i.	Other Income/(Expense)	(2,503)	(2,586)	83	 Other Income/(Expense) includes miscellaneous revenue 1 materials, inventory and assets, as well as the BABS subsi July 2019 includes a one-time pension payment to CalPER
J.	Capital Contributions (AIC)	417	1,457	(1,040)	- The unfavorable variance is primarily attributable to the tim

Estimated February 2020 Budget to Actual P&L Variance Highlights - Electric Fund (\$ in 000's)

	Var	iance M	lonth-to-D	ate	
	Favorable Items		avorable tems	Budget to Actual Variance	
MTD NET INCOME/(LOSS): (\$1,787)		\$	(237)	\$	(237)
MTD GROSS MARGIN VARIANCE					
Retail Sales			(110)		(110)
Power Supply and Transmission					
- MPP was offline for turndown capacity implementation			(152)		(152)
- Lower transmission	76				76
- Lower retail load	68				68
- Lower than planned renewables	61				61
Other Revenues & Other income/(Expenses)			(181)		(181)
Wholesale Margin	1		•		1
Total	206		(443)		(237)

Estimated February 2020 Budget to Actual P&L Variance Highlights - Electric Fund (\$ in 000's)

	Variance Fiscal Year-to-Date						
	 vorable tems	Unfavorable Items	Budget to Actual Variance				
FYTD NET INCOME / (LOSS): \$5,335	\$ 4,565		\$	4,565			
FYTD GROSS MARGIN VARIANCE							
Retail Sales		(4,981)		(4,981)			
Power Supply and Transmission							
 Lower energy prices and economic dispatch 	3,536			3,536			
- Lower than planned annual true up	1,529			1,529			
- Lower O&M expenses than planned	1,410			1,410			
- Lower retail load	1,144			1,144			
- Lower than planned transmission expenses	672			672			
- Lower than planned renewables	68			68			
Other Revenues		(694)		(694)			
Wholesale Margin		(357)		(357)			
Total	8,359	(6,032)		2,327			
FYTD EXPENSE AND OTHER VARIANCES							
Distribution	153			153			
Administration/Safety	81			81			
Finance, Fleet, & Warehouse	283			283			
Customer Service, Marketing & Conservation	747			747			
Public Benefits	351			351			
Security/Oper Technology		(238)		(238)			
Telecom	95			95			
Construction & Maintenance	259			259			
Depreciation expense	304			304			
All other	203			203			
Total	 2,476	(238)		2,238			

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

	Feb-20		Jan-20	Dec-19		Sep-19		Jun-19	
Cash and Investments									
General Operating Reserve	\$ 65,9)72 \$	67,879	\$	67,481	\$	62,047	67,320	
Capital & Debt Reduction Fund	10,0	000	10,000		10,000		10,000	10,000	
BWP Projects Reserve Deposits at SCPPA	17,0	22	17,020		17,014		16,912	16,817	
Sub-Total Cash and Investments	92,9	94	94,899		94,495		88,959	94,137	
Customer Deposits	(6,5	13)	(6,513)		(6,632)		(4,822)	(5,641)	
Public Benefits Obligation	(7,1	90)	(6,852)		(7,125)		(6,607)	(6,069)	
Pacific Northwest DC Intertie	(2	55)	(855)		(855)		(1,389)	(2,218)	
Low Carbon Fuel Standard (c)	(2,2	67)	(2,267)		(2,267)		(2,267)	(2,267)	
Cash and Investments (less Commitments)	76,7	70	78,413		77,615		73,874	77,942	

⁽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 the sale of \$1.15M of LCFS credits.

Burbank Water and Power Water Fund (497)

Estimated Statement of Changes in Net Assets (1) (2) (5) MTD and FYTD February 2020

(\$ in 000's except Gallons)

MTD FY 19-20	MTD Feb-20 Budget	\$ Variance ⁽²⁾	% Variance	(Vincovo oxxospi Ganono)	FYTD FY 19-20	FYTD Feb-20 Budget
381	334	47	14% ^(a)	Water put into the system in Millions of Gallons	3,643	3,612
46	53	(7)	(14%) ^(b)	Metered Recycled Water in Millions of Gallons	643	664
				Operating Revenues		
2,413	1,944	\$ 468	24% ^(c)	Potable Water	19,922	19,716
197	219	(22)	(10%)	Recycled Water	2,697	2,721
68	62	6	10% ^(d)	10% ^(d) Other Revenue ⁽³⁾		495
2,678	2,225	453	20%	Total Operating Revenues	23,145	22,932
1,391	797	(594)	(74%) ^(e)	Water Supply Expense	8,938	8,726
1,286	1,427	(141)	(10%)	Gross Margin	14,207	14,206
				Operating Expenses		
675	675	-	0%	Operations & Maintenance - Potable	4,767	5,512
147	147	-	0%	Operations & Maintenance - Recycled	1,006	1,112
204	204	-	0%	Allocated O&M	1,443	1,660
172	172	-	0%	Transfer to General Fund for Cost Allocation	1,380	1,380
370	370		0%	Depreciation	2,647	2,958
1,569	1,569	-	0% ^(f)	Total Operating Expenses	11,243	12,622
				Other Income/(Expenses)		
21	21	-	0%	Interest Income	212	170
39	39	-	0%	Other income/(Expense) (4)	(276)	(241)
(159)	(159)	-	0%	Bond Interest/(Expense)	(1,253)	(1,270)
(99)	(99)	-	0%	Total Other Income/(Expenses)	(1,317)	(1,341)
(381)	(240)	(141)	(59%)	Net Income/(Loss)	1,647	243
40	40	-	0%	Aid in Construction	53	323
\$ (340)	\$ (199)	\$ (141)	(71%)	Net Change in Net Assets (Net Income)	\$ 1,700	\$ 566
			-			

^{1.} This report may not foot due to rounding.

^{2. () =} Unfavorable

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.

^{5.} MTD is estimated for February 2020; FYTD reports July 2019 through January 2020 actuals.

Burbank Water and Power Water Fund (497) Estimated Statement of Changes in Net Assets - Footnotes MTD February 2020 (\$ 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	381	334	47	 Potable water demand was higher than budget. For the month of Februa temperature was 72.7°F, compared to the norm of 69.6°F. MTD HDD we year average of 237. Burbank received 0.06 inches of rainfall in Februar monthly norm of 4.48 inches.
b.	Recycled Water Usage in Millions of Gallons	46	53	(7)	 Recycled water demand was lower than budget. For the month of Febru temperature was 72.7°F, compared to the norm of 69.6°F. MTD HDD we year average of 237. Burbank received 0.06 inches of rainfall in Februar monthly norm of 4.48 inches.
					MPP was offline most of the month for installation of the GE enhanceme the decrease in recycled water usage (the plant uses recycled water in this online).
c.	Potable Water Revenue	2,413	1,944	468	 The WCAC impact increased potable water revenues by \$459k MTD. Wi potable water revenues would be favorable by 0.5%.
					WCAC Revenue
					WCAC Expenses
					WCAC revenue deferral/(accrual)
					MWD invoice is higher than usual because Burbank was 100% depender water from MWD (no local production) in February 2020 due to a coordin
d.	Other Revenue	68	62	6	 Other revenues include items such as damaged property recovery, conn- and tampering fees, which tend to fluctuate.
е.	Water Supply Expense	1,391	797	(594)	 Water supply expense is higher than budget due to no water provided frc using 100% more expensive treated water in Feb-20) due to a coordinat Pumping Plant, and work performed on the B-5 connection, in tandem wi Valley Forebay.
f.	Total Operating Expenses	1,569	1,569	<u>.</u> .	- Expenses for February 2020 are at budgeted values.

Burbank Water and Power Water Fund (497) Estimated Statement of Changes in Net Assets - Footnotes FYTD February 2020 (\$ 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	3,643	3,612	31	- FYTD Potable water sales are slightly higher than budget. Rainfall seasor inches, 6.32 inches less than the season norm of 12.8 inches. FYTD CDI the 15 year average of 1,109. FYTD HDD were 972 versus the 15 year av
В.	Metered Recycled Water in Millions of Gallons	643	664		- FYTD Recycled sales are slightly lower than budget. Rainfall season-to-da 6.32 inches less than the season norm of 12.8 inches. FYTD CDD were year average of 1,109. FYTD HDD were 972 versus the 15 year average
					MPP was offline most of February for installation of the GE enhancement the decrease in recycled water usage (the plant uses recycled water in the it is online).
C.	Potable Water	19,922	19,716	206	- The WCAC impact increased potable water revenues by \$286k YTD. With potable revenues would be unfavorable by 0.4%
					WCAC Revenue
					WCAC Expenses
					WCAC revenue deferral/(accrual)
D.	Other Revenue	526	495	31	- Other revenues include items such as damaged property recovery, conner and tampering fees, which tend to fluctuate.
E.	Water Supply Expense	8,938	8,726	(212)	 Water supply expense is higher than budget due to no water provided fror (thus using 100% more expensive treated water in Feb-20) due to a coord Valley Pumping Plant, and work performed on the B-5 connection, in tandaperformed at the Valley Forebay.
F.	Operations & Maintenance - Potable	4,767	5,512	745	 The favorable variance is primarily attributable to budgetary savings due to and the timing of expenditures for other professional services.
G.	Other Income / (Expense)	(276)	(241)	(35)	 Other Income/(Expense) includes miscellaneous revenue from the sale of inventory and other assets, which tend to fluctuate. July 2019 includes a c payment to CalPERS of \$671k.

Estimated February 2020 Budget to Actual P&L Variance Highlights - Water Fund (\$ in 000's)

	Variance Month-to-Date								
	Favorable Unfavorable Items Items		Budget to Actual Variance						
MTD NET INCOME (LOSS): (\$381)		(141)	\$	(141)					
MTD GROSS MARGIN VARIANCE									
Potable Revenues	468			468					
Recycled Revenues		(22)		(22)					
Other Revenue	7			7					
Water Supply Expense		(594)		(594)					
Total	475	(616)		(141)					

Estimated February 2020 Budget to Actual P&L Variance Highlights - Water Fund (\$ in 000's)

	Variance Fiscal Year-to-Date							
		vorable tems	Unfavorable Items	ļ	Idget to Actual ariance			
FYTD NET INCOME: \$1,647	\$	1,404		\$	1,404			
FYTD GROSS MARGIN VARIANCE								
Potable Revenues		206			206			
Recycled Revenues			(23)		(23)			
Other Revenue		31			31			
Water Supply Expense			(212)		(212)			
Total		237	(235)		2			
FYTD O&M AND OTHER VARIANCES								
Potable O&M		745			745			
Recycled Water O&M		106			106			
Allocated O&M		217			217			
Depreciation Expense		311			311			
All Other		23			23			
Total		1,402	-		1,402			

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

	F	eb-20		Jan-20	 Dec-19	 Sep-19	 Jun-19
Cash and Investments							
General Operating Reserves	\$	8,382 ^(c)	\$	17,043	\$ 16,341	\$ 13,174	\$ 11,555 ^(b)
Capital Reserve Fund		2,220		2,220	2,220	2,220	2,220
Sub-Total Cash and Investments		10,602		19,263	 18,561	 15,394	 13,775
Customer Deposits		(1,055)		(1,130)	(1,214)	(1,252)	(1,454)
Cash and Investments (less commitments)		9,547	_	18,133	 17,347	 14,142	12,321

⁽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 \$8.92M payment of 12,208 Acre Feet of untreated water purchased from the Metropolitan Water District.

SENIOR CITIZEN BOARD

DARK MEETING NOTICE

PLEASE NOTE THAT THE SENIOR CITIZEN BOARD WILL GO DARK IN APRIL 2020

There will not be a meeting on April 22, 2020

The next regular meeting of the Senior Citizen Board will take place

TBD

1:00 p.m. – Joslyn Adult Center 1301 W. Olive Avenue, Burbank

Copies to:

City Mgr. /Asst. City Mgr. City Clerk City Attorney

Board Members:

Lynn-White Shelby Bruce Oldham Ara Boyadjan William Smith Henry Diel Marva Murphy Perla Obal

City Council:

Emily Gabel-Luddy, Mayor Sharon Springer, Vice Mayor Bob Frutos, Council Member Timothy M. Murphy, Council Member Jess Talamantes, Council Member

Department Staff:

Marisa Garcia
Kristen Smith
Erin Barrows
Diego Cevallos
Mike del Campo
Gwen Indermill
Cathryn LaBrado
Grace Coronado
Kristen Hauptli
Paula Ohan
Meri Young
Other:
Youth Board Liaison
Public Information
Building Maintenance

Senior Citizen Board

Angela Attaryan
Recording Secretary



APRIL 16, 2020

CALL AND NOTICE OF A REGULAR MEETING OF THE BURBANK-GLENDALE-PASADENA AIRPORT AUTHORITY

NOTICE is hereby given that a <u>regular</u> meeting of the Burbank-Glendale-Pasadena Airport Authority will be held on <u>Monday</u>, <u>April 20, 2020</u>, <u>at 9:00 a.m.</u>, in the Airport Skyroom of Hollywood Burbank Airport, 2627 N. Hollywood Way, Burbank, California 91505.

Pursuant to Governor Newsom's Executive Order N-29-20, members of the Commission or staff may participate in this meeting via teleconference. In the interest of maintaining appropriate social distancing, members of the public may observe and participate in the meeting telephonically through the following number:

Dial In: (978) 990-5000

Access Code: 880737#

Members of the public also may observe the meeting online at the following address by clicking on Watch Live Stream:

https://hollywoodburbankairport.com/airport-authority/commission-meeting-videos/

Terri Williams, Board Secretary

Burbank-Glendale-Pasadena Airport Authority

2627 N. Hollywood Way • Burbank, California 91505 • (818) 840-8840 • Fax: (818) 848-1173

BURBANK-GLENDALE-PASADENA AIRPORT AUTHORITY

Regular Meeting of Monday, April 20, 2020 9:00 A.M.

The public comment period is the opportunity for members of the public to address the Commission on agenda items and on airport-related non-agenda matters that are within the Commission's subject matter jurisdiction. At the discretion of the presiding officer, public comment on an agenda item may be presented when that item is reached.

Members of the public are requested to observe the following decorum when attending or participating in meetings of the Commission:

- Turn off cellular telephones and pagers.
- Refrain from disorderly or boisterous conduct, including loud, threatening, profane, or abusive language, clapping, whistling, stamping, or other acts that disrupt or otherwise render unfeasible the orderly conduct of the meeting.
- If you desire to address the Commission during the public comment period, fill out a speaker request card and present it to the Board Secretary.
- Confine remarks to agenda items or to airport-related non-agenda matters that are within the Commission's subject matter jurisdiction.
- Limit comments to five minutes or to such other period of time as may be specified by the presiding officer.

The following activities are prohibited:

- Allocation of speaker time to another person.
- Video presentations requiring use of Authority equipment.

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the Authority to the Commission less than 72 hours prior to that meeting are available for public inspection at Hollywood Burbank Airport (2627 N. Hollywood Way, Burbank) in the administrative office during normal business hours.

In accordance with the Americans with Disabilities Act of 1990, if you require a disability-related modification or accommodation to attend or participate in this meeting, including auxiliary aids or services, please call the Board Secretary at (818) 840-8840 at least 48 hours prior to the meeting.

AGENDA

Monday, April 20, 2020

1.	ROLL CALL					
2.	PLEDGE OF ALLEGIANCE					
3.	APPROVAL OF AGENDA					
4.	PUBLIC COMMENT					
5.	CONSENT CALENDAR					
	a. Committee Minutes (For Note and File)					
	1) Finance and Administration Committee					
	(i) March 16, 2020	[See page 1]				
	b. Commission Minutes (For Approval)					
	1) April 6, 2020	[See page 3]				
	c. Ratification of Emergency Short-Term Lease with California Department of General Services	[See page 9]				
6.	ITEMS FOR COMMISSION DISCUSSION					
	a. Update: COVID-19 Impact Report	[No staff report]				
	 b. COVID-19, Discussion on Impacts to Revenues and Expenses 	[No staff report]				
7.	COMMISSIONER COMMENTS (Other updates and information items, if any)					
8.	ADJOURNMENT					

COMMISSION NEWSLETTER

Monday, April 20, 2020

[Regarding agenda items]

5. CONSENT CALENDAR

(Consent Calendar items may be enacted by one motion. There will be no separate discussion on these items unless a Commissioner so requests, in which event the item will be removed from the Consent Calendar and considered in its normal sequence on the agenda.)

- a. COMMITTEE MINUTES. Approved minutes of the Finance and Administration Committee meeting of March 16, 2020 are included in the agenda packet for information purposes.
- b. COMMISSION MINUTES. Draft minutes of the April 6, 2020 Commission meeting are attached for the Commission's review and approval.
- c. RATIFICATION OF EMERGENCY SHORT-TERM LEASE WITH CALIFORNIA DEPARTMENT OF GENERAL SERVICES. A staff report is attached. Staff seeks the Commission's ratification of the Executive Director's execution of an emergency short term lease with the California Department of General Services for use of onehalf of available space in Hangar 40 to support the State's response to the COVID-19 pandemic.

6. ITEMS FOR COMMISSION DISCUSSION

- a. UPDATE: COVID-19 IMPACT REPORT. No staff report attached. Staff will update the Commission on the status of the impact of COVID-19 and an update of the CARES Act Airport Grants.
- b. COVID-19, DISCUSSION ON IMPACTS TO REVENUES AND EXPENSES. No staff report attached. Staff will discuss with the Commission forecasts of revenues and expenses for the 4th Quarter of FY 2020, and preliminary estimated actuals of FY 2020.