



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority

P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

GUAM POWER AUTHORITY WORK SESSION

*CCU Conference Room
4:30 p.m., Thursday, May 21, 2020*

AGENDA

1. ISSUES FOR DECISION

- 1.1 LEAC Filing for August 2020 to January 2021/ Resolution 2020-09
- 1.2 [PMC for GPA's Aggreko Temporary Power Units / Resolution 2020-10](#)
- 1.3 UKUDU Power Plant ECA Amendment / Resolution 2020-11
- 1.4 [Recognizing GPWA Employees for Success in Providing Continuous Service for the Island Throughout the COVID-19 Pandemic / Resolution 2020-12](#)

2. GM REPORT

- 2.1 [Updates](#)

3. ISSUES FOR DISCUSSION

4. OTHER DISCUSSION

- 4.1 CCU Rules

5. DIVISION REPORTS

- 5.1 [Administration: Customer Service, HR, Procurement, Safety](#)
- 5.2 Communications
- 5.3 [Engineering & Technical: Engineering, IT, Planning & Regulatory, SPORD](#)
- 5.4 [Finance](#)
- 5.5 Operations: Facilities, Generation, PSCC, T&D, Transportation

6. ANNOUNCEMENTS

- 6.1 Next Meeting: CCU Meeting: May 26

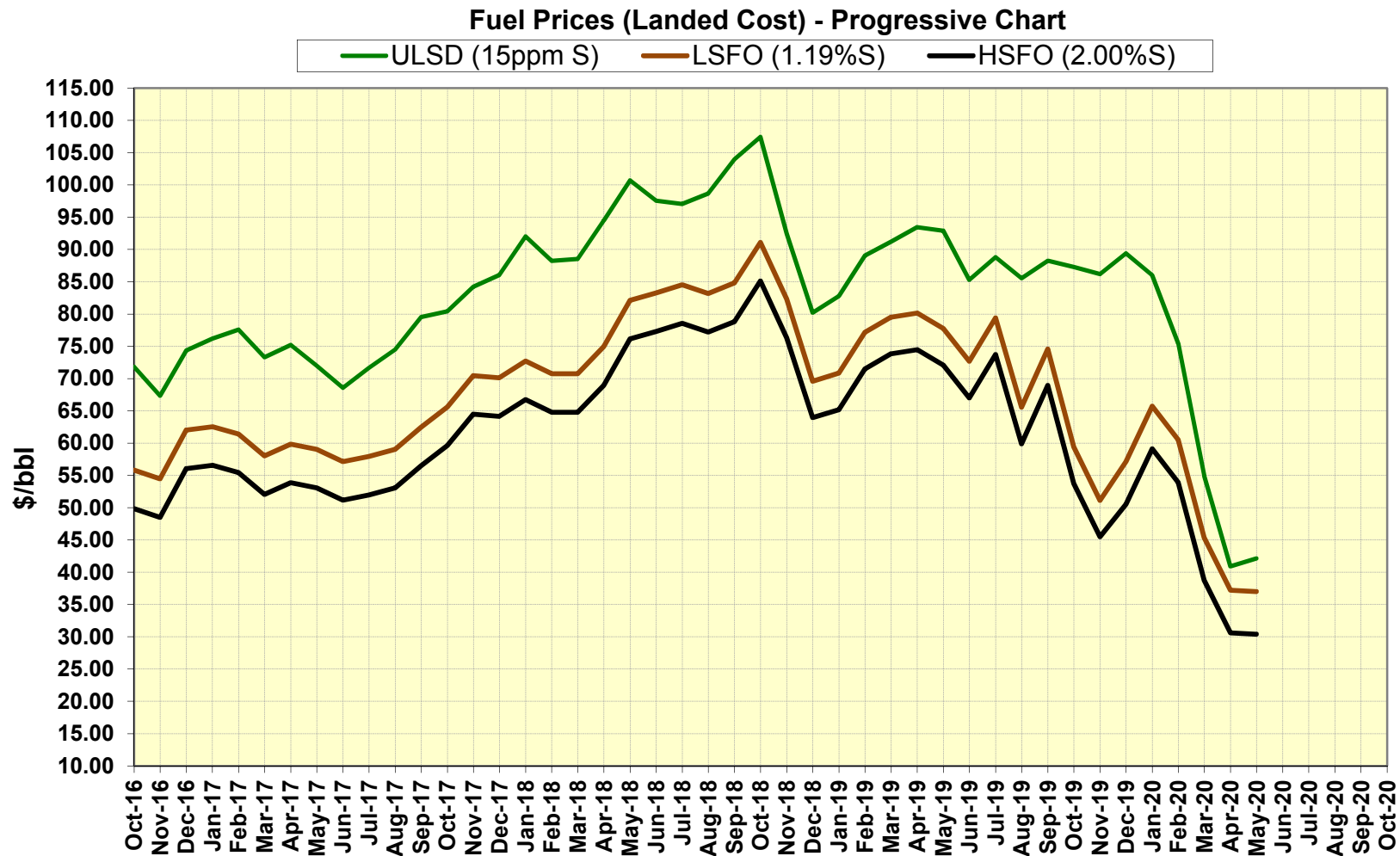
7. ADJOURNMENT

LEAC RATE FILING

May 26, 2020



LEAC Update – GPA Fuel Purchases (Per Barrel)



LEAC Update – GPA Fuel Purchases (Per Barrel)



LEAC Update – Morgan Stanley Asian Morning Call

Morgan Noon Call Pricing

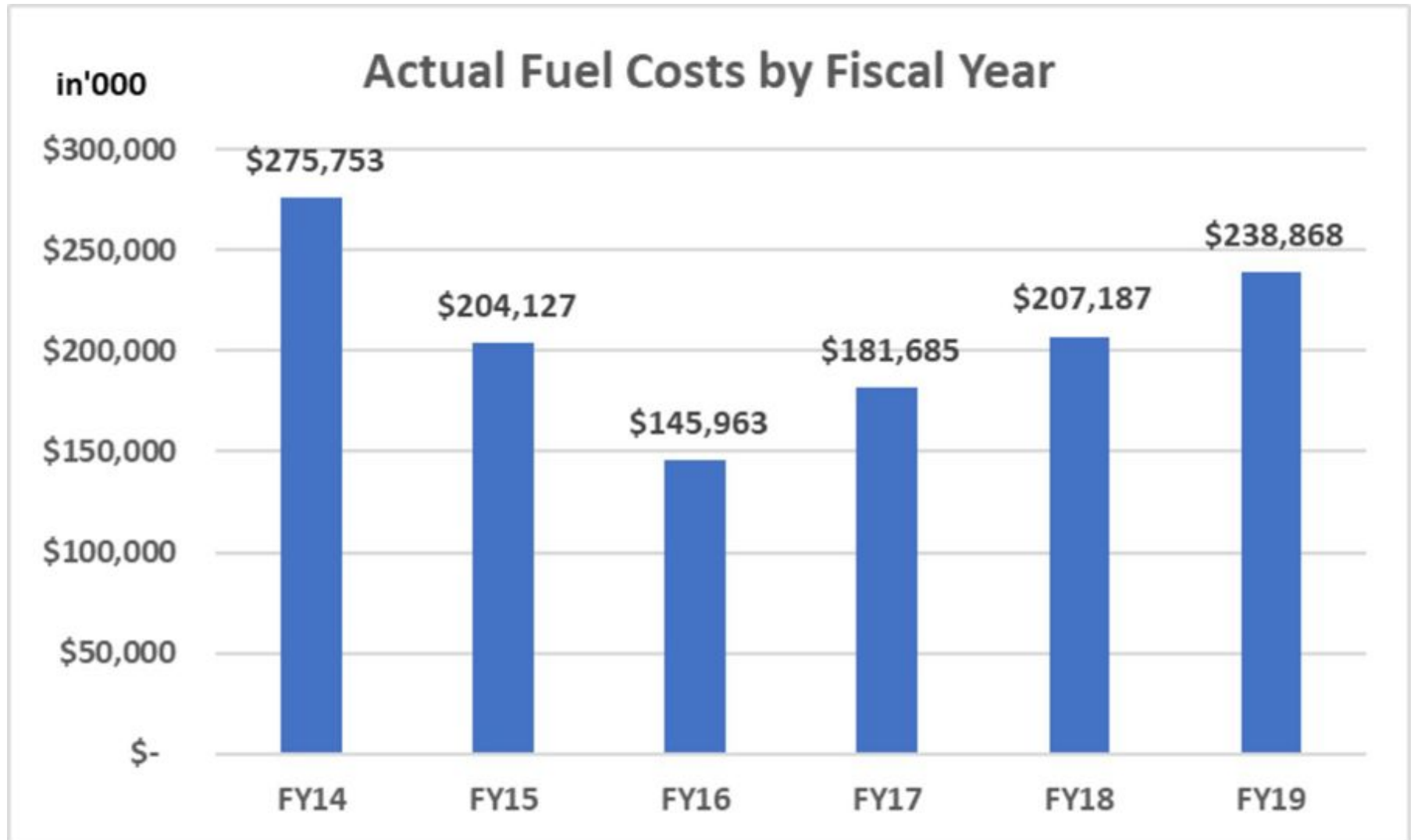
Sing HSFO 180 CST

Date	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
5/11/2020	\$ 157.89	\$ 169.14	\$ 177.64	\$ 182.64	\$ 182.22	\$ 193.39	\$ 193.39	\$ 193.39	\$ 203.06
5/12/2020	\$ 151.60	\$ 162.85	\$ 172.10	\$ 177.85	\$ 177.43	\$ 189.85	\$ 189.85	\$ 189.85	\$ 199.77
5/13/2020	\$ 152.80	\$ 164.05	\$ 173.30	\$ 179.30	\$ 178.72	\$ 190.55	\$ 190.55	\$ 190.55	\$ 199.22
5/14/2020	\$ 152.76	\$ 164.01	\$ 173.26	\$ 179.26	\$ 178.67	\$ 190.51	\$ 190.51	\$ 190.51	\$ 199.17
5/15/2020	\$ 170.89	\$ 182.14	\$ 189.14	\$ 193.39	\$ 192.97	\$ 202.31	\$ 202.31	\$ 202.31	\$ 210.47
Five-day average	\$ 157.19	\$ 168.44	\$ 177.09	\$ 182.49	\$ 182.00	\$ 193.32	\$ 193.32	\$ 193.32	\$ 202.34

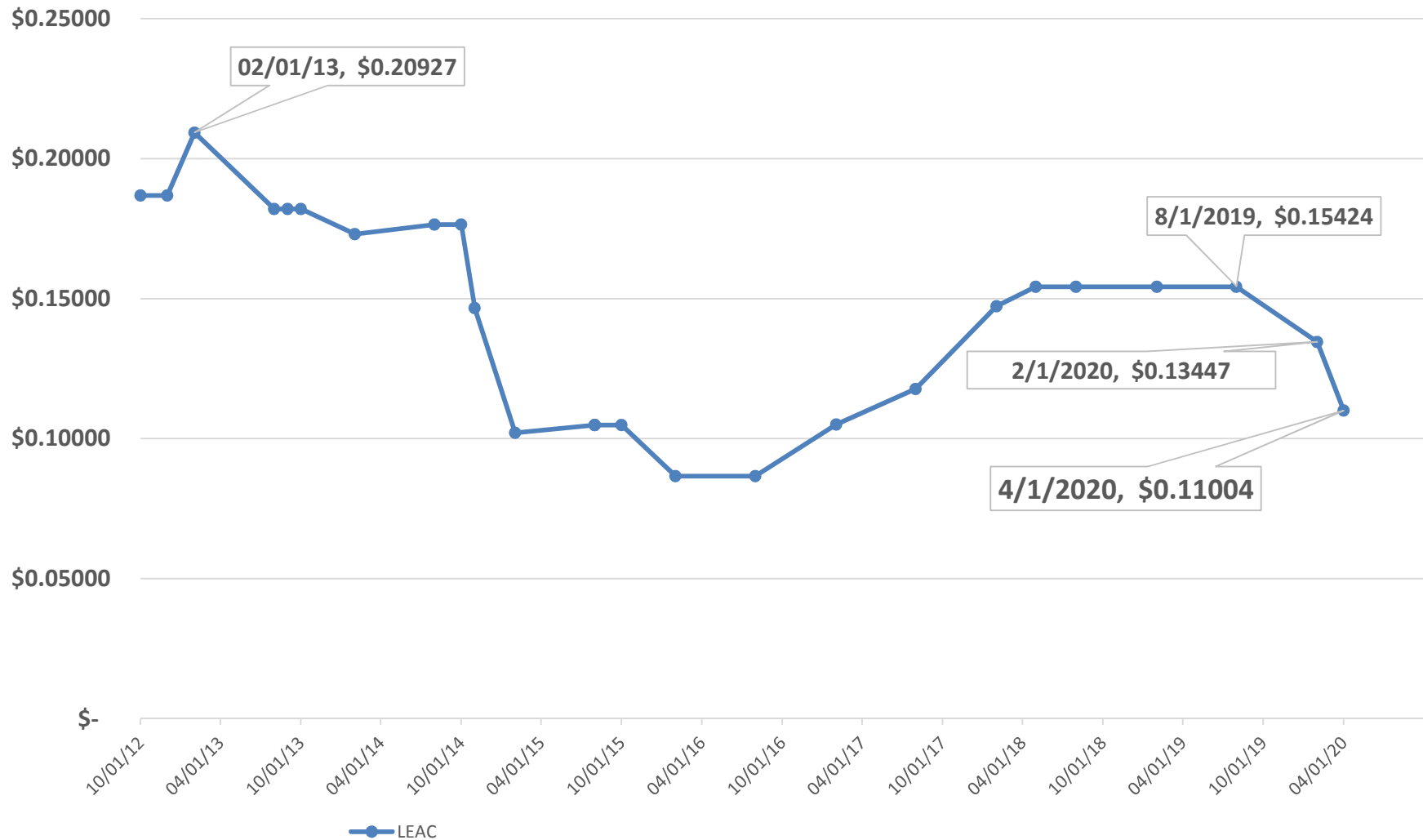
Gassoil 10ppm

5/11/2020	\$ 34.66	\$ 35.96	\$ 36.96	\$ 37.96	\$ 37.96	\$ 40.19	\$ 40.19	\$ 40.19	\$ 42.04
5/12/2020	\$ 33.30	\$ 34.60	\$ 35.50	\$ 36.40	\$ 36.41	\$ 38.68	\$ 38.68	\$ 38.68	\$ 40.73
5/13/2020	\$ 32.19	\$ 33.34	\$ 34.19	\$ 35.14	\$ 35.15	\$ 37.49	\$ 37.49	\$ 37.49	\$ 39.71
5/14/2020	\$ 33.33	\$ 34.08	\$ 34.86	\$ 35.74	\$ 35.75	\$ 38.05	\$ 38.05	\$ 38.05	\$ 40.17
5/15/2020	\$ 35.49	\$ 36.49	\$ 37.29	\$ 38.11	\$ 38.11	\$ 40.11	\$ 40.11	\$ 40.11	\$ 41.90
Five-day average	\$ 33.79	\$ 34.89	\$ 35.76	\$ 36.67	\$ 36.68	\$ 38.90	\$ 38.90	\$ 38.90	\$ 40.91

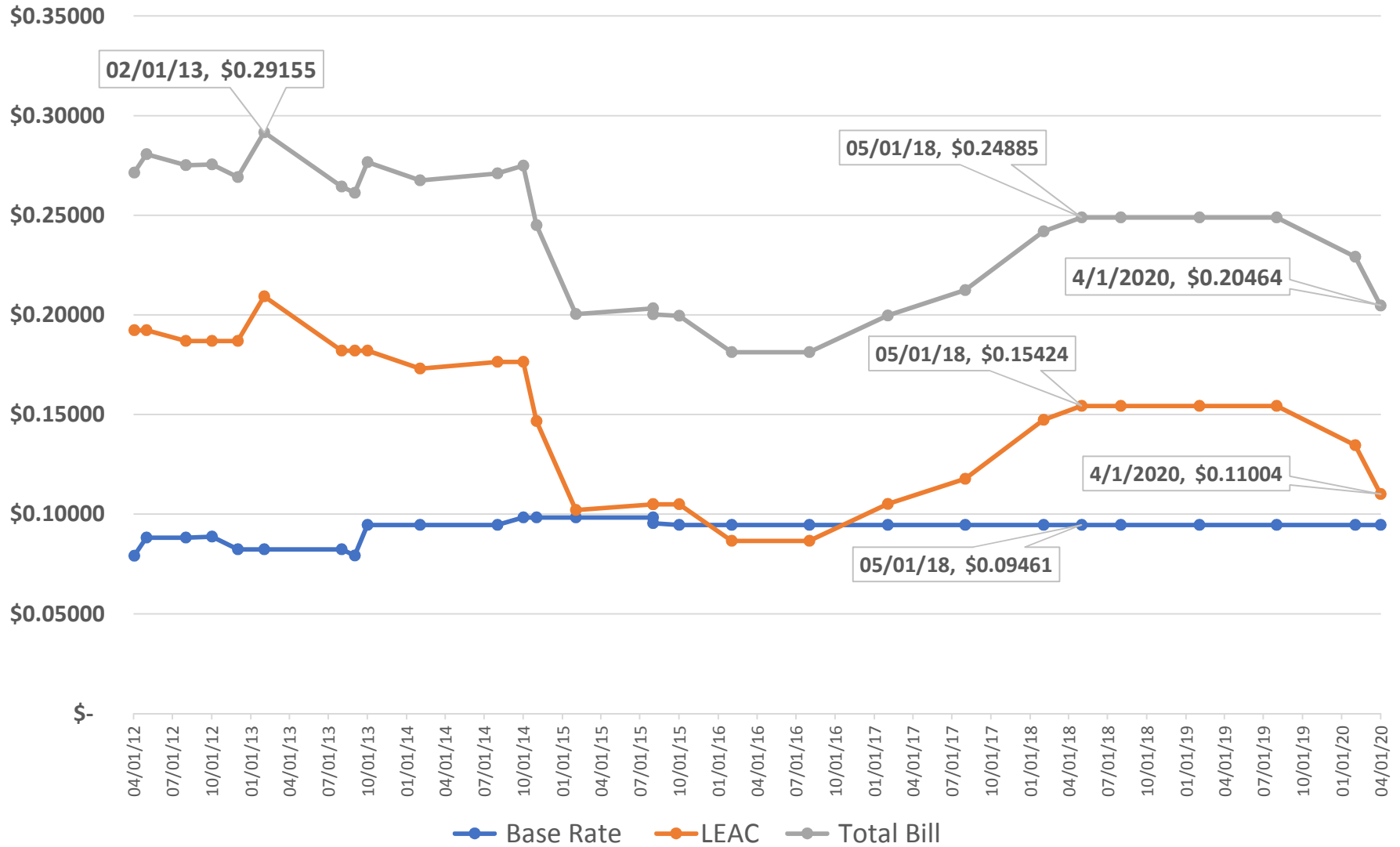
LEAC Update – Fuel Cost by Fiscal Year



Historical Residential LEAC Rate



Historical Residential Rate

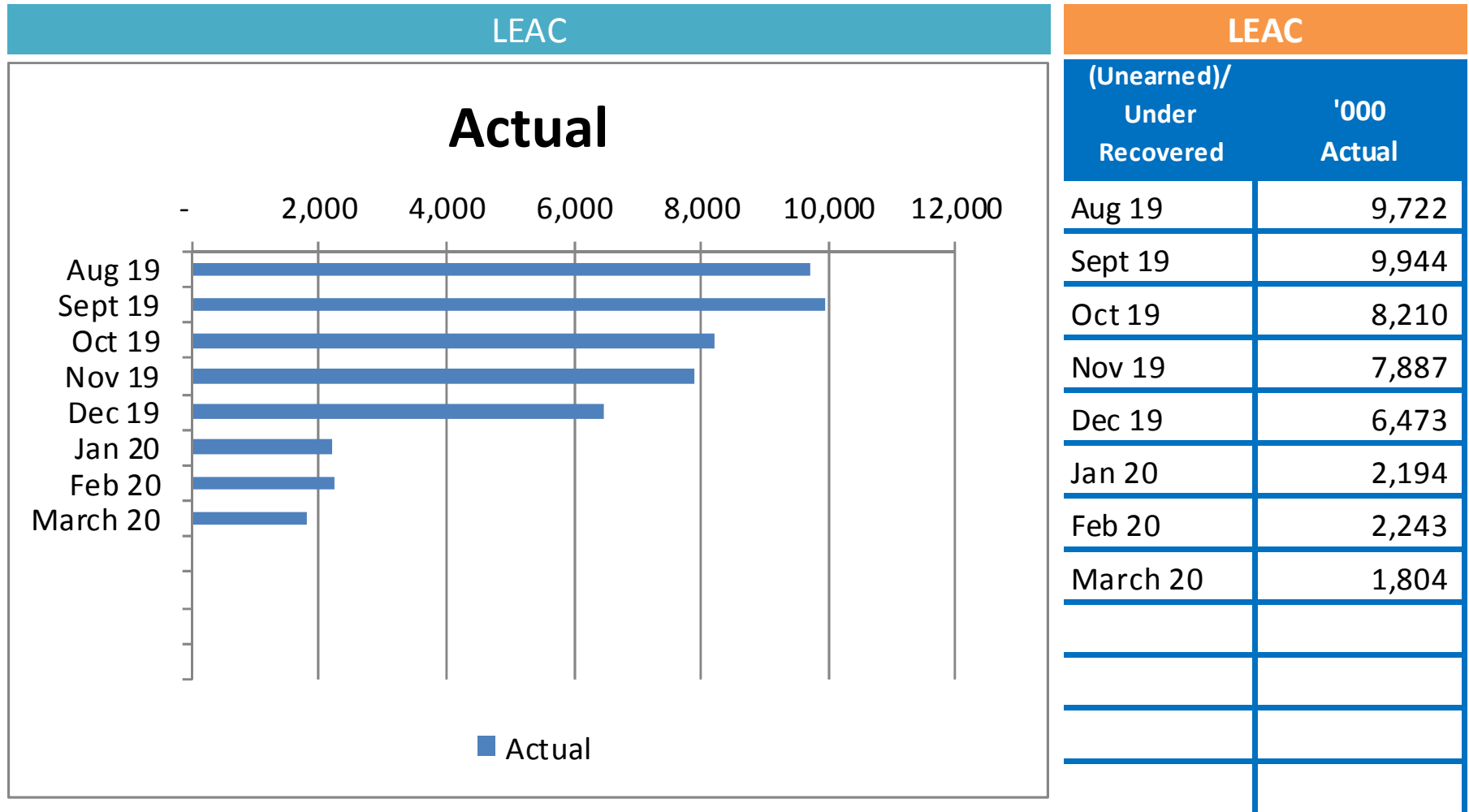


Historical LEAC Over (Under) Recovery

LEAC Period		Approved LEAC		Actual Over	
From	To		Rate	(Under)	Recovery
4/1/2012	7/31/2012	\$	0.192310	\$	(3,040,418)
8/1/2012	1/31/2013	\$	0.186834	\$	(2,494,052)
2/1/2013	7/31/2013	\$	0.209271	\$	1,345,259
8/1/2013	10/31/2013	\$	0.182054	\$	1,300,093
2/1/2014	7/31/2014	\$	0.172986	\$	(1,137,034)
8/1/2014	10/31/2014	\$	0.176441	\$	(4,646,872)
11/1/2014	1/31/2015	\$	0.146666	\$	661,428
2/1/2015	7/31/2015	\$	0.102054	\$	1,757,878
8/1/2015	1/31/2016	\$	0.104871	\$	(2,467,151)
2/1/2016	7/31/2016	\$	0.086613	\$	(2,668,603)
8/1/2016	1/31/2017	\$	0.086613	\$	(9,915,360)
				\$	(5,315,360) (a)
2/1/2017	7/31/2017	\$	0.105051	\$	(14,050,504)
8/1/2017	01/31/1018	\$	0.117718	\$	(16,775,982)
2/1/2018	4/30/2018	\$	0.147266	\$	(13,005,689)
5/1/2018	7/31/2018	\$	0.154242	\$	(8,422,674)
8/1/2018	1/31/2019	\$	0.154242	\$	(13,336,698)
2/1/2019	7/31/2019	\$	0.154242	\$	(10,225,349)
8/1/2019	1/31/2020	\$	0.154242	\$	(2,193,618)

a) Under-recovery Balance after applying the \$4.6 million from the Cabras 3&4 Extra Expense claim

LEAC Under Recovery Balances



LEAC - Proposed

(in '000)	SCENARIO A				SCENARIO B		
	April 1 to July 31	August 1 to Jan. 2021	Variance		June 1 to Jan. 2021	Variance	
Rate	\$0.110039	\$ 0.083691	(\$0.026348)	-23.9%	\$ 0.089177	(\$0.020862)	-19.0%
Under Recovery on July 31, 2020	\$ 358	\$ -			\$ 3,779		
Under Recovery on Jan. 31, 20201		\$ -			\$ -		
Average Price per Bbl-RFO	\$ 53.42	\$ 35.03			38.42		
Average Price per Bbl-Diesel	\$ 65.65	\$ 48.26			51.01		
Rate with DSM		\$ 0.086800	\$ 0.003109				

LEAC – Billing Illustration

	RATE SCHEDULE R					
	Existing Rate		Scenario A		Scenario B	
			Eff 08-01-20		Eff 08-01-20	
KWH		1,000		1,000		1,000
Monthly Charge	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00
Non-Fuel Energy Charge						
First 500 KWH	0.069550	34.78	0.069550	34.78	0.069550	34.78
Over 500 KWH	0.086870	43.44	0.086870	43.44	0.086870	43.44
Emergency Water-well charge	0.002790	1.40	0.002790	1.40	0.002790	1.40
Total Electric Charge before Fuel Recovery Charges		94.62		94.61		94.61
Fuel Recovery Charge	0.110039	110.04	0.083691	83.69	0.089177	89.18
Total Electric Charge		<u>\$ 204.66</u>		<u>\$ 178.30</u>		<u>\$ 183.78</u>
Increase/(Decrease) in Total Bill				<u>\$ (26.36)</u>		<u>\$ (20.88)</u>
% Increase/(Decrease) in Total Bill				-12.88%		-10.20%
% Increase/(Decrease) in LEAC rate				-23.94%		-18.96%

LEAC – Proposed (Continued)

SCENARIO	(in '000)		Effective June 1	Variance		Effective August 1
A	Rate	\$	0.110039			\$ 0.083691
	Under Recovery at end of cycle	\$	358			-
B	Rate	\$	0.089177	\$ 0.020862	19.0%	\$ 0.089177
	Under Recovery at end of cycle	\$	3,799			-
C	Rate	\$	0.098420	\$ 0.011619	10.6%	\$ 0.086879
	Under Recovery at end of cycle	\$	1,908			-
D	Rate	\$	0.086800	\$ 0.023239	21.1%	\$ 0.090606
	Under Recovery at end of cycle	\$	4,261			-

Scenario A: No change for current period, Decrease in August 2020 to Jan 2021

Scenario B: 8-Month LEAC beginning decrease on June 1st.

Scenario C: Moderate decrease in June; additional decrease in August

Scenario E: Too high a decrease results in an increase in August.





GUAM POWER AUTHORITY

ATURIDĀT ILEKTRESEDĀT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

Resolution No. 2020-10

Relative to the Solicitation of a Performance Management Contract for GPA's Aggreko Temporary Power Units at Yigo Site

What is the project's objective and is it necessary and urgent?

GPA's contract with Aggreko expires on January 8, 2021. GPA's new Ukudu power plant and renewable energy contracts are not expected to be commissioned until about 2022-2023. Therefore, to ensure adequate installed capacity to meet system demand, GPA needs to continue operating and maintaining the Aggreko Temporary Power Units. The term of the new contract is for a three-year base period beginning January 9, 2021 and two (2) additional 1-year extensions. During this period, the PMC will also assure that all necessary activities to ensure efficiency and reliability of the units are accomplished. The plant will be operated and maintained by GPA personnel and supplemented by PMC personnel as necessary.

Where is at?

Beside GPA's Yigo Combustion Turbine Power Plant site.

What is its funding Source?

Revenue Funds (O&M)

When will it be completed?

The anticipated schedule is as follows:

Contract Commencement: January 9, 2021

Contract Base Period End: January 8, 2024

Optional Extension Year 1: January 9, 2024 – January 10, 2025

Optional Extension Year 2: January 9, 2025 – January 10, 2026

How much will it Cost? (Historical Cost shown below)

Estimated annual cost is \$3.8M. This will result in a \$8.1M reduction in current cost for plant.

GPA Work Session - May 21, 2020 - ISSUES FOR DECISION

Actual	2016	2017	2018	2019	2020 (thru March)	2021 Estimated
Capacity Charge, \$/kw/Month	8,447,280.00	\$ 6,979,200.00	\$ 6,979,200.00	\$ 6,979,200.00	\$ 1,744,800.00	
Transit (or Shipping) Charge, \$/Month	1,274,363.20					
Fixed O&M, \$/Month	2,264,686.00	\$ 2,227,560.00	\$ 2,227,560.00	\$ 2,227,560.00	\$ 556,890.00	\$ 2,227,560.0
Emission Controls Monthly Charges		\$ 220,162.50	\$ 285,000.00	\$ 285,000.00	\$ 71,250.00	
Monthly Installment (Rent-to-Own)		\$ 500,004.00	\$ 500,004.00	\$ 1,771,111.20	\$ 492,778.63	
Total Fixed Charges:						
Energy Charge, \$/MWh (Min. 8,098 MWH)	995,896.05	\$ 794,517.37	\$ 660,309.76	\$ 649,326.48	\$ 158,694.54	\$ 701,384.54
DEF Charges,\$/MWH (Min. 8,098 MWH/Month)		\$ 932,898.05	\$ 914,033.50	\$ 901,526.32	\$ 220,305.65	\$ 916,152.62
Availability Penalty		\$ (155,985.42)		\$ (23,744.00)		
TOTAL ACTUAL COSTS:	\$ 12,982,225.25	\$ 11,498,356.49	\$ 11,566,107.26	\$ 12,789,980.00	\$ 3,244,718.82	\$ 3,845,097.16
5-YEAR TOTAL					\$ 52,081,387.82	
Annual Cost Reduction						\$ 8,106,384.09

Notes:

1. Energy Charges includes lube oil and maintenance spare parts.
2. Emission Control Monthly Charges include the supply, transport and installation of 39x SCR units and Urea shipping and piping system
3. DEF Charges the cost of urea
4. Fixed O&M include 24-hour staffing for 7 Aggreko and 12 local hires and availability with capacity factor of 50%



CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
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GPA RESOLUTION NO. 2020-10

**RELATIVE TO AUTHORIZING THE SOLICITATION OF A PERFORMANCE MANAGEMENT
CONTRACT FOR GPA'S AGGREKO TEMPORARY POWER UNITS AT THE
YIGO POWER PLANT SITE**

WHEREAS, the Guam Power Authority (GPA) had a five-year Contract for Temporary Power awarded to Aggreko, and authorized through CCU Resolution Number 2015-45 and PUC Docket Number 15-18, that commenced in January 9, 2016; and

WHEREAS, the Contract with Aggreko expired on January 8, 2017 and through Resolution Number 2016-61 and PUC Docket Number 17-08 was approved for extension up to January 8, 2021; and

WHEREAS, on January 9, 2021 ownership of the Aggreko plant will revert to GPA resulting in the substantial reduction of annual cost by about \$8.1 M annually; and

WHEREAS, a performance management contractor coupled with GPA personnel will allow GPA to provide uninterrupted service from the Aggreko plant; and

WHEREAS, GPA's Phase II Renewable Resource Acquisition contracts are expected to start commercial operation by 3rd quarter of 2022; and

WHEREAS, GPA's new power plant was awarded in November 2019, and is expected to be placed in commercial operation in the 4th Quarter of 2022; and

WHEREAS, in order to ensure adequate installed capacity to meet the Megawatt demands of the island until the new Ukudu power plant is commissioned, GPA's Aggreko Temporary Power Units at the Yigo Power Plant Site must continue to be operated and maintained; and

WHEREAS, after the Ukudu power plant is commissioned, the units are to be distributed at load centers around the island to strengthen the reliability of the system due to Typhoons; and

WHEREAS, GPA plans to solicit for a new Performance Management Contract for the continued Management, Operation and Maintenance of GPA's Aggreko Temporary Power

Units at the Yigo Power Plant Site, with the option to plan for and conduct activities related to the relocation of the unit to alternate sites.

NOW, THEREFORE, BE IT RESOLVED, by the Consolidated Commission on Utilities, subject to the review and approval of the Public Utilities Commission, as follows:

1. GPA is authorized to solicit for a Performance Management Contract for GPA's Aggreko Temporary Power Units at the Yigo Power Plant Site.

RESOLVED, that the Chairman certifies and the Board Secretary attests the adoption of this Resolution.

DULY AND REGULARLY ADOPTED AND APPROVED THIS 26TH DAY OF MAY, 2020.

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

MICHAEL T. LIMTIACO
Secretary
Consolidated Commission on Utilities

I, Michael T. Limtiaco, Secretary for the Consolidated Commission on Utilities (CCU), as evidenced by my signature above do certify as follows:

The foregoing is a full, true, and accurate copy of the resolution duly adopted at a regular meeting of the members of Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____



CONSOLIDATED COMMISSION ON UTILITIES
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Issues for Decision

GPA Resolution No. 2020-12 & GWA Resolution No. 27-FY2020

Relative to Recognizing Guam Power Authority and Guam Waterworks Authority (GPWA) Employees for Success in Providing Continuous Service for the Island Throughout the Coronavirus (COVID-19) Pandemic

What is the project's objective and is it necessary and urgent?

Executive Order No. 2020-04, issued March 16, 2020, declared a public health emergency for the island of Guam due to the potential dangers posed by the Coronavirus (COVID-19), and ordered the closure of non-essential government of Guam services through March 30, 2020. Guam Power Authority and Guam Waterworks Authority (GPWA) were prepared to ensure continuity of essential utility services to the island community during the mandated two-week shutdown and beyond if necessary. GPWA developed a contingent operational plan, while the shutdown was extended. In addition to providing essential utility services, GPWA supported regular business functions to the extent practicable. To minimize exposure and spread of coronavirus, especially to and among employees in mission-critical positions, only approved key, essential employees were allowed entry into Fadian.

Executive Order No. 2020-05 issued on March 19, 2020 mandated social isolation, prohibiting social gatherings and clarified status of non-essential government of Guam operations. The Government of Guam was operating in a limited capacity. It was expressed that one of the best courses of combat against community spread is through the reduction of face-to-face interaction with others and the practice of social distancing. In order to best deal with the ongoing Public Health Emergency, both Guam Power Authority (GPA) and Guam Waterworks Authority (GWA) coordinated and provided the following operational plan; I) Direction and Organization; II) Ensuring Essential Operations; III) Ensuring Customer Services; and IV) Supportive Efforts.

On May 10, 2020, Governor Lou Leon Guerrero placed the island in Pandemic Condition of Readiness (PCOR) 2 under the Governor's Executive Order 2020-14. PCOR 2, expanded the categories of businesses and places authorized to reopen with moderate restrictions, including the public-facing functions of GPWA, signaling a positive movement toward normalcy.

In joint coordination, GPA & GWA General Managers ordered the full reopening of the utilities on Thursday, May 14, 2020 in compliance with PCOR 2 restrictions and requirements. To accommodate new health and safety requirements, work schedules were modified to incorporate continued telework and staggered shifts, where possible.

In addition to the Upper Tumon payment drive-thru, in-lobby and online payment options, a new, temporary payment drive-thru service was commissioned at Fadian location on May 14, 2020. Moving forward both utilities resumed full utility operations after a 2-month shutdown. As both agencies return to the business of the utility, employees were reminded to continue to do their part to slow the spread of COVID-19, and continue to promote good safety and health practices promoted by Guam Department of Public Health and Social Services, and the US Center for Disease Control and Prevention.

The coronavirus pandemic has changed our everyday lives and the way we interact with each other, moving individuals toward minimal human contact. Keeping safe, promoting healthy practices, working from home, wearing personal protective gear (mask) and practicing social distancing, is the new norm and for now part of our daily lives.

The CCU recognizes the hard work and dedication of the employees of the Guam Power Authority and Guam Waterworks Authority in providing uninterrupted power and water services to the island community during the pandemic public health emergency.

The CCU wishes to commend the employees of the Guam Power Authority and Guam Waterworks Authority for the successful efforts in providing continuous critical services to the ratepayers and people of Guam during this unprecedented emergency.



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GPA RESOLUTION NO. 2020-12

GWA RESOLUTION 27-FY2020

**Recognizing Guam Power Authority and Guam Waterworks Authority (GPWA)
Employees for Success in Providing Continuous Service
for the Island Throughout the Coronavirus (COVID-19) Pandemic**

WHEREAS, Executive Order No. 2020-04, issued March 16, 2020, declared a public health emergency for the island of Guam due to the potential dangers posed by the Coronavirus (COVID-19), and ordered the closure of non-essential government of Guam services through March 30, 2020. Guam Power Authority and Guam Waterworks Authority (GPWA) were prepared to ensure continuity of essential utility services to the island community during the mandated two-week shutdown and beyond if necessary. GPWA developed a contingent operational plan, while the shutdown was extended. In addition to providing essential utility services, GPWA supported regular business functions to the extent practicable. To minimize exposure and spread of coronavirus, especially to and among employees in mission-critical positions, only approved key, essential employees were allowed entry into Fadian headquarters and critical utility sites; and

WHEREAS, Executive Order No. 2020-05 issued on March 19, 2020 mandated social isolation, prohibiting social gatherings and clarified status of non-essential government of Guam operations. The Government of Guam was operating in a limited capacity. It was expressed that one of the best courses of combat against community spread is through the reduction of face-to-face interaction with others and the practice of social distancing; and

WHEREAS, in order to best deal with the ongoing Public Health Emergency, both Guam Power Authority (GPA) and Guam Waterworks Authority (GWA) coordinated and provided the following operational plan; I) Direction and Organization; II) Ensuring Essential Operations; III) Ensuring Customer Services; and IV) Supportive Efforts:

Direction and Organization: With the direction of both GPWA General Managers, the GPWA Assistant General Managers of Administration (AGMAs) were appointed the coordinators/POC on all situations relevant to COVID-19 public health emergency and its impact on operations. GPWA AGMAs coordinated joint utility actions relevant to COVID-19.

Ensuring Essential Operations: The utilities focused its efforts to ensure continuity of mission-critical functions, and protecting the safety and health of its employees.

Mission Critical Functions: For GPA, operations directly related to the generation, transmission, and distribution of electric service were the priorities of the authority. For GWA, operations directly related to production and distribution of potable water, collection, treatment and discharge of wastewater and water quality testing were the priorities of the authority.

AGMs and Managers directed essential services within their area of responsibility; and submitted certified lists of key essential employees to GPWA AGMAs. AGMs and Managers exercised prudence when scheduling employee assignments, including divisional support. Employee availability remained excellent through the eight-week shutdown.

Limited & Restricted Access: Only essential and authorized GPWA employees with proper credentials and permission were allowed entry. Access to PSCC, SCC & WSCC were restricted to essential employees of those sections. Persons sick or exhibiting signs of illness were and continue to be barred from entry. Additional security services were provided at the Fadian main entrances.

Health and Safety: Enhanced cleaning and sanitizing efforts were employed. All offices utilized for meetings, especially conference rooms were wiped down/sanitized before and after meetings. The utilities, including customer lobbies, were closed through May 14, 2020. All persons in or on government premises were required to wear a face covering or mask; PPE was and continues to be provided for employees. Work areas reconfigured to ensure distancing. GPWA allowed for telework assignments for employees and continued to where management has determined it necessary to comply with social distancing and/or Executive Order mandates.

Key Projects: Critical GPWA-directed capital improvement projects continued, while taking precautionary measures to ensure the safety and health of GPWA employees, contractors, and their employees, engineers, and construction managers.

Ensuring Customer Services: The delivery of critical utility services continued, uninterrupted, during the pandemic shutdown.

Continuation of Power and Water Service: To ensure continued service for customers impacted by COVID-19, account disconnections for non-payment were temporarily suspended through the declared emergency periods¹, now through May 30, 2020.

Payments to Accounts: Customers were encouraged to continue to make payments toward their accounts via online (web & app), Upper Tumon drive-thru, telephone, mail, drop off, banks, and Treasurer of Guam.

Customer Support: Customer Service & Cash Management employees offered customer support beginning March 17, 2020, through email, telephone, and social media platforms. On March 23, 2020, GWA's upper Tumon facility opened for drive-thru payment services only. Critical customer work orders were addressed, in coordination with other permitting agencies where required.

¹ Initial emergency period ended 3/30/2020 (EO 2020-04), then extended to: 4/13/2020 (EO 2020-06), 5/5/2020 (EO 2020-09), and now 5/30/2020 (EO 2020-11).

66 *Customer & Employee Communications:* Communication-PIO offices coordinated with AGMAs
67 for all official press releases and social media posts. AGMAs provided daily employee updates regarding
68 the present situation with COVID-19 and its impact on utility operations.

69 Supportive Efforts: The utilities provided assistance to other government of Guam agencies in
70 support of the overall response to the coronavirus pandemic; and

71 **WHEREAS**, on May 10, 2020, Governor Lou Leon Guerrero placed the island in Pandemic Condition of
72 Readiness (PCOR) 2 under the Governor's Executive Order 2020-14. PCOR 2, expanded the categories of
73 businesses and places authorized to reopen with moderate restrictions, including the public-facing functions of
74 GPWA, signaling a positive movement toward normalcy; and

75 **WHEREAS**, in joint coordination, GPA & GWA General Managers ordered the full reopening of the
76 utilities on Thursday, May 14, 2020 in compliance with PCOR 2 restrictions and requirements. To accommodate
77 new health and safety requirements, work schedules were modified to incorporate continued telework and
78 staggered shifts, where possible; and

79 **WHEREAS**, in addition to the Upper Tumon payment drive-thru, in-lobby and online payment options, a
80 new, temporary payment drive-thru service was commissioned at Fadian location on May 14, 2020; and

81 **WHEREAS**, moving forward both utilities resumed full operations after a 2-month shutdown. As both
82 agencies return to the business of the utility, employees were reminded to continue to do their part to slow the
83 spread of COVID-19, and continue to promote good safety and health practices promoted by Guam Department
84 of Public Health and Social Services, and the US Center for Disease Control and Prevention; and

85 **WHEREAS**, the coronavirus pandemic has changed our everyday lives and the way we interact with each
86 other, moving individuals toward minimal human contact. Keeping safe, promoting healthy practices, working
87 from home, wearing personal protective gear (mask) and practicing social distancing, is the new norm and for
88 now part of our daily lives; and

89 **WHEREAS**, the CCU recognizes the hard work and dedication of the employees of the Guam Power
90 Authority and Guam Waterworks Authority in providing uninterrupted power and water services to the island
91 community during the 2020 pandemic public health emergency; and

92 **WHEREAS**, the CCU wishes to commend the employees of the Guam Power Authority and Guam
93 Waterworks Authority for the successful efforts in providing continuous critical services to the ratepayers and
94 people of Guam during this unprecedented emergency.

NOW, BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities as the governing body of GPA & GWA, does hereby approve the following:

1. Recognizes that even with the difficulty of this pandemic, management and employees of both Guam Power Authority and Guam Waterworks Authority remained steadfast and continued operating successfully during the island's public health emergency, providing critical and excellent service to the ratepayers.
2. Recognizes and extends *Un Dangkulu Na Si Yu'os Ma'åse'* to the employees of Guam Power Authority and Guam Water Works Authority for their hard work, dedication and professionalism throughout the Coronavirus (COVID-19) pandemic public health emergency.

RESOLVED, that the Chairman certified, and the Board Secretary attests to the adoption of this Resolution.

DULY and REGULARY ADOPTED and APPROVED THIS 26TH DAY OF MAY, 2020.

Certified by:

Attested by:

JOSEPH T. DUENAS

MICHAEL T. LIMTIACO

Chairperson

Secretary

Consolidated Commission on Utilities

Consolidated Commission on Utilities

I, Michael T. Limtiaco, Secretary for the Consolidated Commission on Utilities (CCU), as evidenced by my signature above do certify as follows:

The foregoing is a full, true, and accurate copy of the resolution duly adopted at a regular meeting of the members of Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____

GENERAL MANAGER'S REPORT

MAY 2020

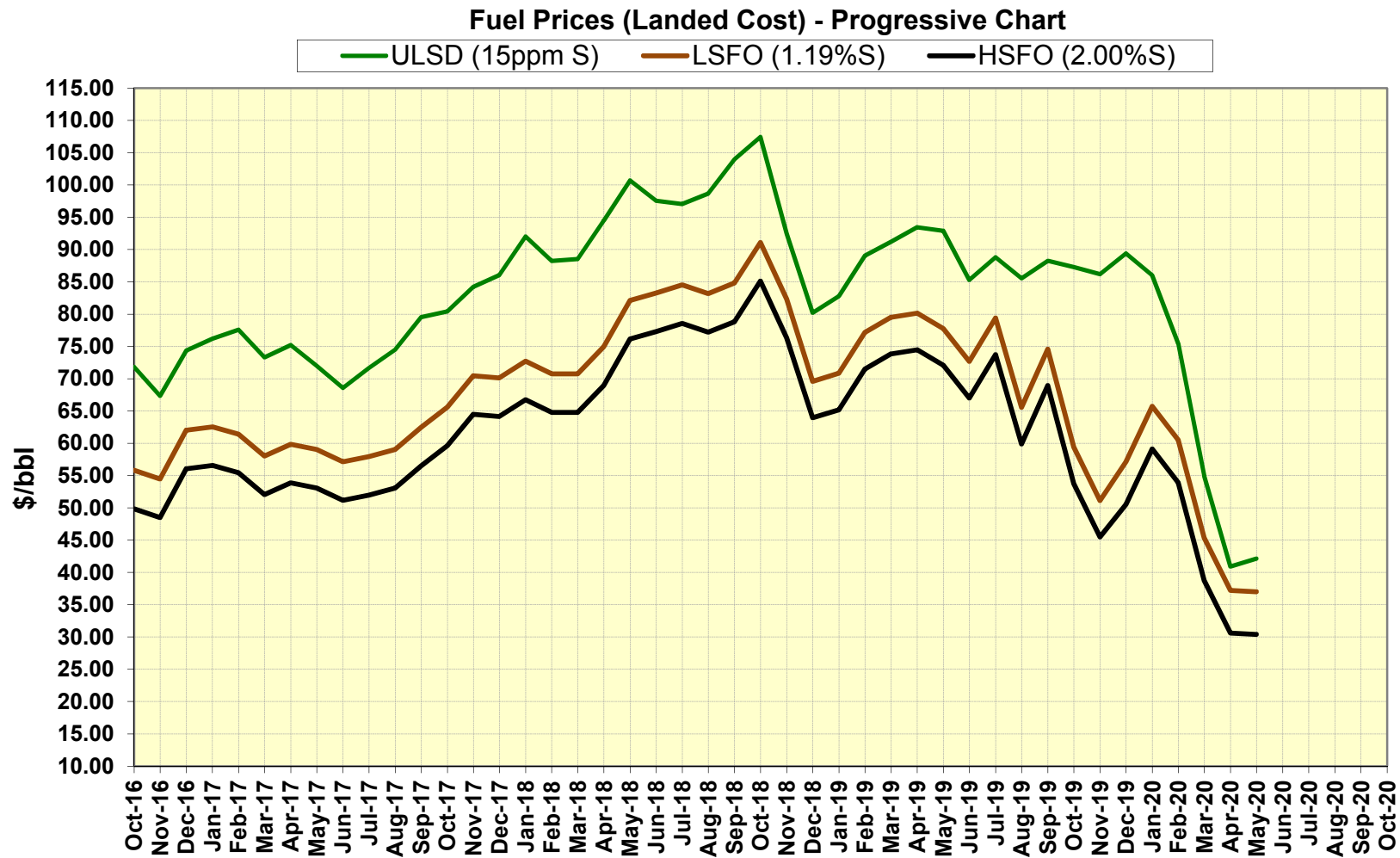


LEAC RATE FILING

May 26, 2020



LEAC Update – GPA Fuel Purchases (Per Barrel)



LEAC Update – GPA Fuel Purchases (Per Barrel)



LEAC Update – Morgan Stanley Asian Morning Call

Morgan Noon Call Pricing

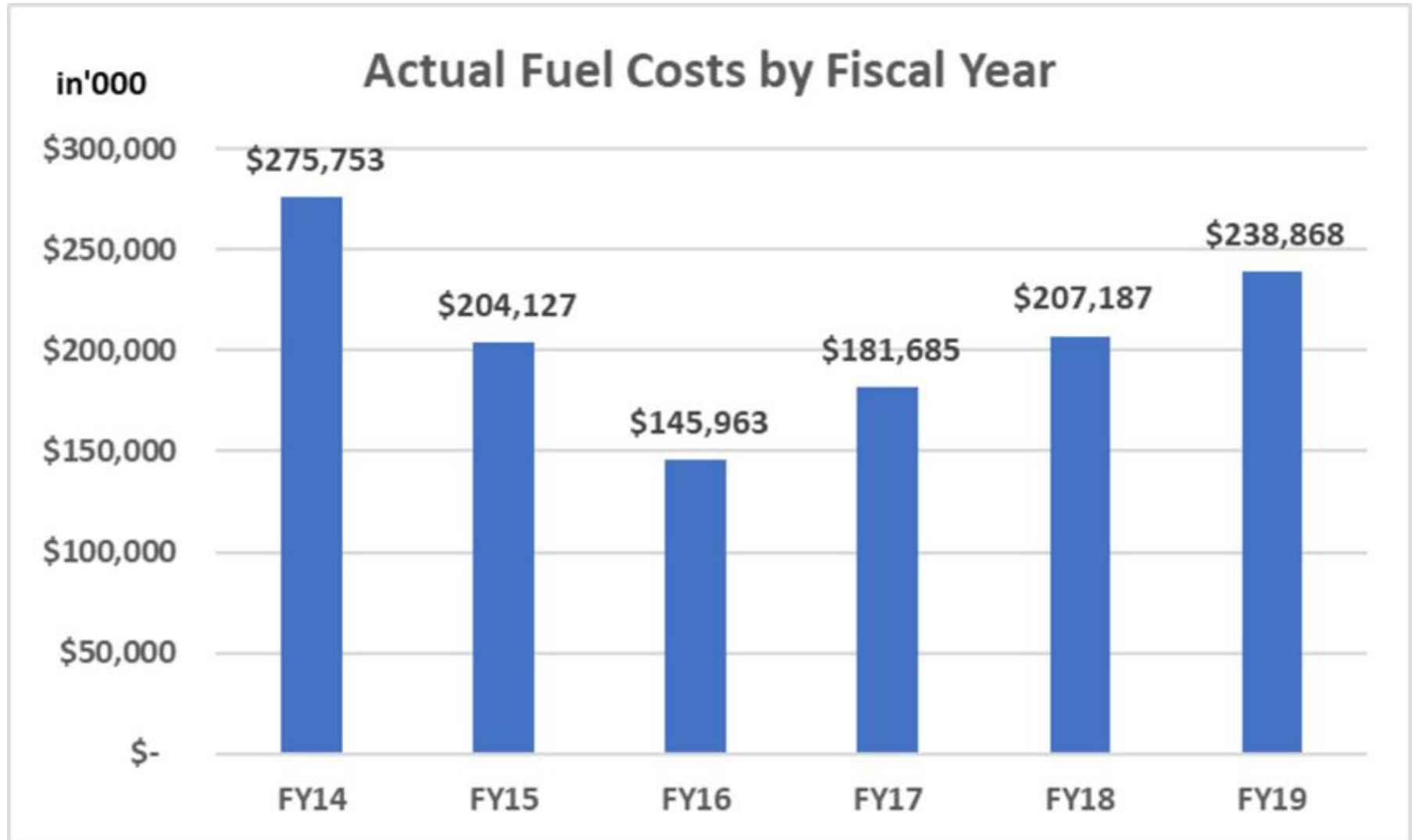
Sing HSFO 180 CST

Date	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
5/11/2020	\$ 157.89	\$ 169.14	\$ 177.64	\$ 182.64	\$ 182.22	\$ 193.39	\$ 193.39	\$ 193.39	\$ 203.06
5/12/2020	\$ 151.60	\$ 162.85	\$ 172.10	\$ 177.85	\$ 177.43	\$ 189.85	\$ 189.85	\$ 189.85	\$ 199.77
5/13/2020	\$ 152.80	\$ 164.05	\$ 173.30	\$ 179.30	\$ 178.72	\$ 190.55	\$ 190.55	\$ 190.55	\$ 199.22
5/14/2020	\$ 152.76	\$ 164.01	\$ 173.26	\$ 179.26	\$ 178.67	\$ 190.51	\$ 190.51	\$ 190.51	\$ 199.17
5/15/2020	\$ 170.89	\$ 182.14	\$ 189.14	\$ 193.39	\$ 192.97	\$ 202.31	\$ 202.31	\$ 202.31	\$ 210.47
Five-day average	\$ 157.19	\$ 168.44	\$ 177.09	\$ 182.49	\$ 182.00	\$ 193.32	\$ 193.32	\$ 193.32	\$ 202.34

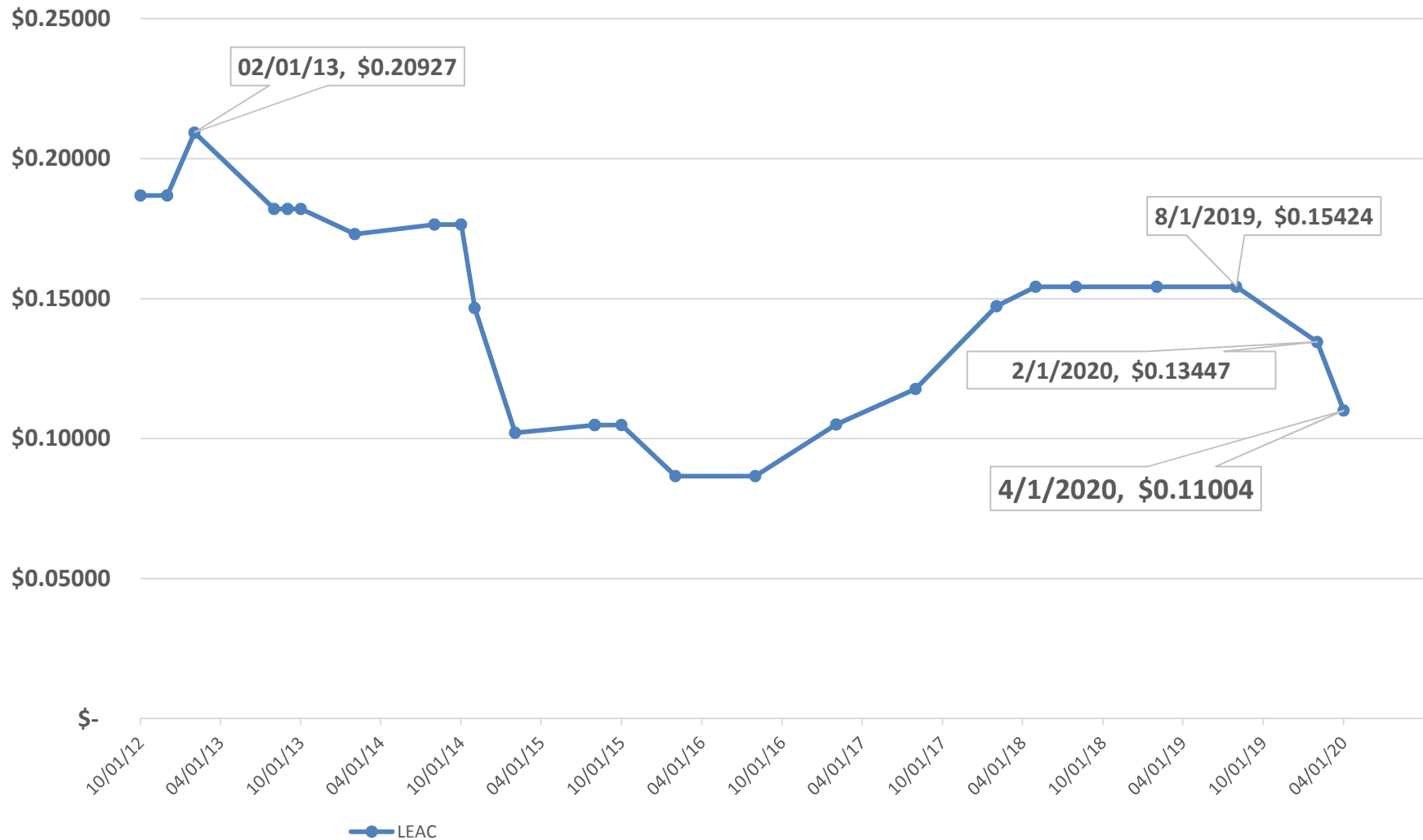
Gassoil 10ppm

5/11/2020	\$ 34.66	\$ 35.96	\$ 36.96	\$ 37.96	\$ 37.96	\$ 40.19	\$ 40.19	\$ 40.19	\$ 42.04
5/12/2020	\$ 33.30	\$ 34.60	\$ 35.50	\$ 36.40	\$ 36.41	\$ 38.68	\$ 38.68	\$ 38.68	\$ 40.73
5/13/2020	\$ 32.19	\$ 33.34	\$ 34.19	\$ 35.14	\$ 35.15	\$ 37.49	\$ 37.49	\$ 37.49	\$ 39.71
5/14/2020	\$ 33.33	\$ 34.08	\$ 34.86	\$ 35.74	\$ 35.75	\$ 38.05	\$ 38.05	\$ 38.05	\$ 40.17
5/15/2020	\$ 35.49	\$ 36.49	\$ 37.29	\$ 38.11	\$ 38.11	\$ 40.11	\$ 40.11	\$ 40.11	\$ 41.90
Five-day average	\$ 33.79	\$ 34.89	\$ 35.76	\$ 36.67	\$ 36.68	\$ 38.90	\$ 38.90	\$ 38.90	\$ 40.91

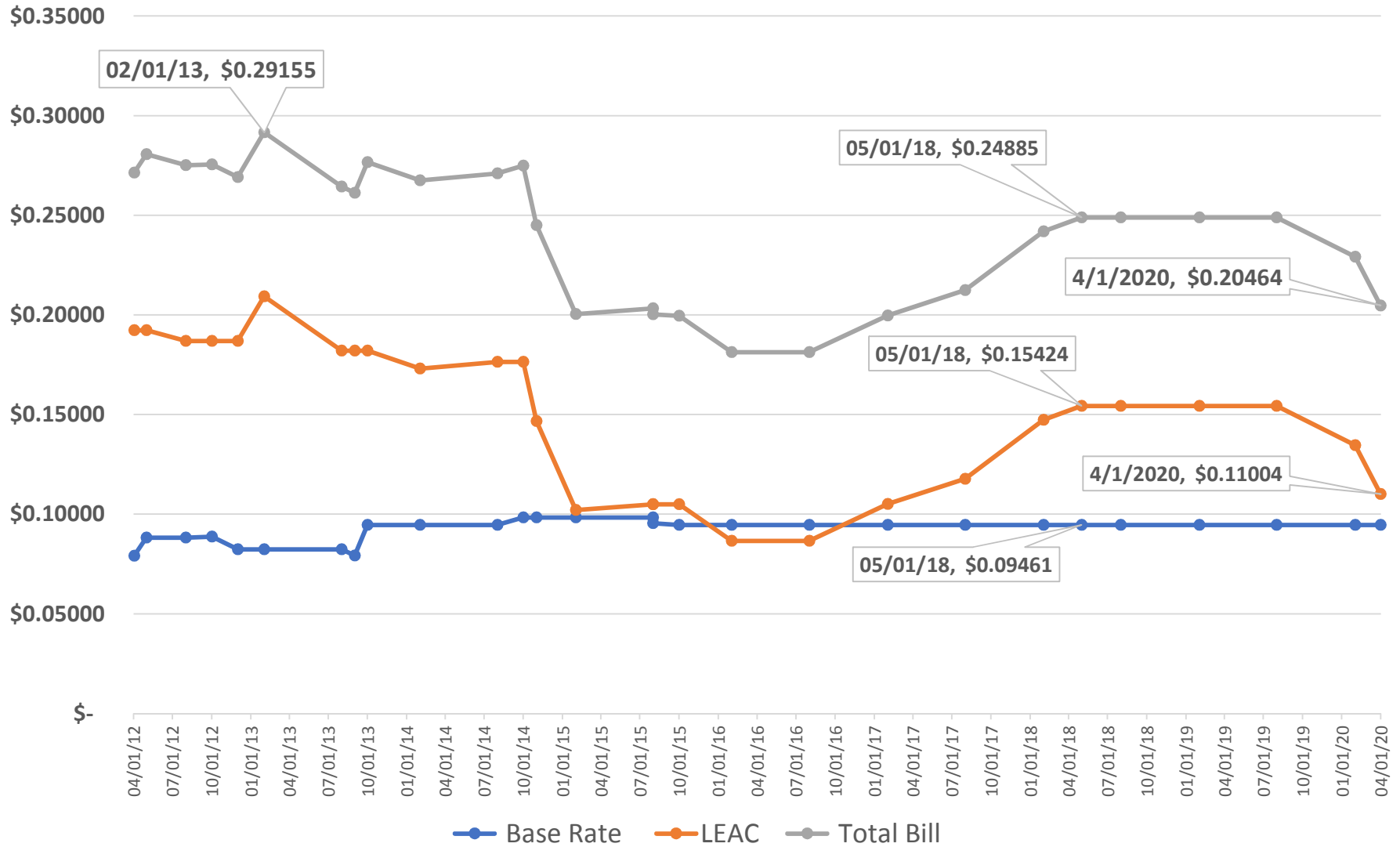
LEAC Update – Fuel Cost by Fiscal Year



Historical Residential LEAC Rate



Historical Residential Rate

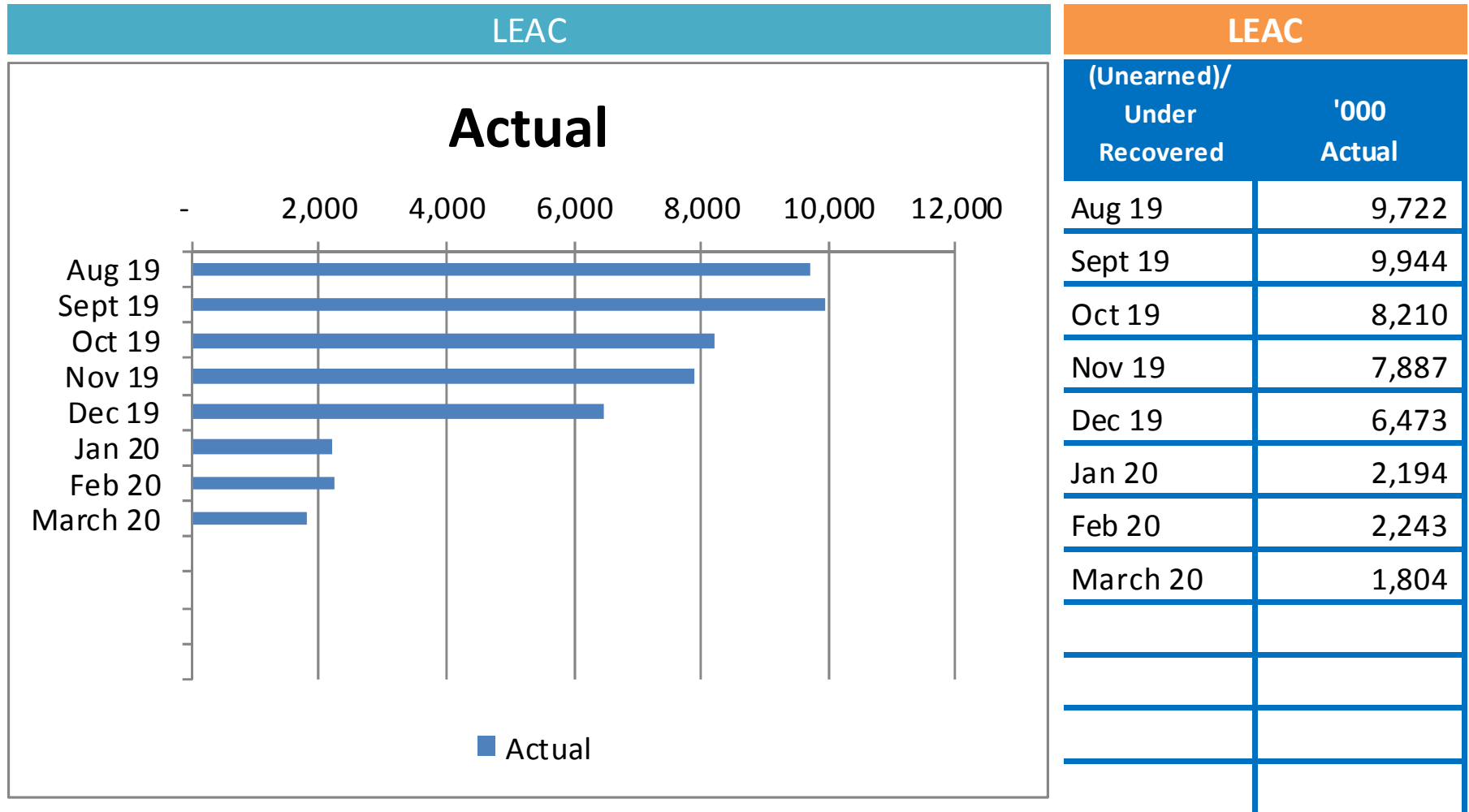


Historical LEAC Over (Under) Recovery

LEAC Period		Approved LEAC		Actual Over	
From	To		Rate	(Under) Recovery	
4/1/2012	7/31/2012	\$	0.192310	\$	(3,040,418)
8/1/2012	1/31/2013	\$	0.186834	\$	(2,494,052)
2/1/2013	7/31/2013	\$	0.209271	\$	1,345,259
8/1/2013	10/31/2013	\$	0.182054	\$	1,300,093
2/1/2014	7/31/2014	\$	0.172986	\$	(1,137,034)
8/1/2014	10/31/2014	\$	0.176441	\$	(4,646,872)
11/1/2014	1/31/2015	\$	0.146666	\$	661,428
2/1/2015	7/31/2015	\$	0.102054	\$	1,757,878
8/1/2015	1/31/2016	\$	0.104871	\$	(2,467,151)
2/1/2016	7/31/2016	\$	0.086613	\$	(2,668,603)
8/1/2016	1/31/2017	\$	0.086613	\$	(9,915,360)
				\$	(5,315,360) (a)
2/1/2017	7/31/2017	\$	0.105051	\$	(14,050,504)
8/1/2017	01/31/1018	\$	0.117718	\$	(16,775,982)
2/1/2018	4/30/2018	\$	0.147266	\$	(13,005,689)
5/1/2018	7/31/2018	\$	0.154242	\$	(8,422,674)
8/1/2018	1/31/2019	\$	0.154242	\$	(13,336,698)
2/1/2019	7/31/2019	\$	0.154242	\$	(10,225,349)
8/1/2019	1/31/2020	\$	0.154242	\$	(2,193,618)

a) Under-recovery Balance after applying the \$4.6 million from the Cabras 3&4 Extra Expense claim

LEAC Under Recovery Balances



LEAC - Proposed

(in '000)	SCENARIO A				SCENARIO B		
	April 1 to July 31	August 1 to Jan. 2021	Variance		June 1 to Jan. 2021	Variance	
Rate	\$0.110039	\$ 0.083691	(\$0.026348)	-23.9%	\$ 0.089177	(\$0.020862)	-19.0%
Under Recovery on July 31, 2020	\$ 358	\$ -			\$ 3,779		
Under Recovery on Jan. 31, 20201		\$ -			\$ -		
Average Price per Bbl-RFO	\$ 53.42	\$ 35.03			38.42		
Average Price per Bbl-Diesel	\$ 65.65	\$ 48.26			51.01		
Rate with DSM		\$ 0.086800	\$ 0.003109				

LEAC – Billing Illustration

	RATE SCHEDULE R					
	Existing Rate		Scenario A		Scenario B	
			Eff 08-01-20		Eff 08-01-20	
KWH		1,000		1,000		1,000
Monthly Charge	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00
Non-Fuel Energy Charge						
First 500 KWH	0.069550	34.78	0.069550	34.78	0.069550	34.78
Over 500 KWH	0.086870	43.44	0.086870	43.44	0.086870	43.44
Emergency Water-well charge	0.002790	1.40	0.002790	1.40	0.002790	1.40
Total Electric Charge before Fuel Recovery Charges		94.62		94.61		94.61
Fuel Recovery Charge	0.110039	110.04	0.083691	83.69	0.089177	89.18
Total Electric Charge		<u>\$ 204.66</u>		<u>\$ 178.30</u>		<u>\$ 183.78</u>
Increase/(Decrease) in Total Bill				<u>\$ (26.36)</u>		<u>\$ (20.88)</u>
% Increase/(Decrease) in Total Bill				-12.88%		-10.20%
% Increase/(Decrease) in LEAC rate				-23.94%		-18.96%

LEAC – Proposed (Continued)

SCENARIO	(in '000)		Effective June 1	Variance		Effective August 1
A	Rate	\$	0.110039			\$ 0.083691
	Under Recovery at end of cycle	\$	358			-
B	Rate	\$	0.089177	\$ 0.020862	19.0%	\$ 0.089177
	Under Recovery at end of cycle	\$	3,799			-
C	Rate	\$	0.098420	\$ 0.011619	10.6%	\$ 0.086879
	Under Recovery at end of cycle	\$	1,908			-
D	Rate	\$	0.086800	\$ 0.023239	21.1%	\$ 0.090606
	Under Recovery at end of cycle	\$	4,261			-

Scenario A: No change for current period, Decrease in August 2020 to Jan 2021

Scenario B: 8-Month LEAC beginning decrease on June 1st.

Scenario C: Moderate decrease in June; additional decrease in August

Scenario E: Too high a decrease results in an increase in August.

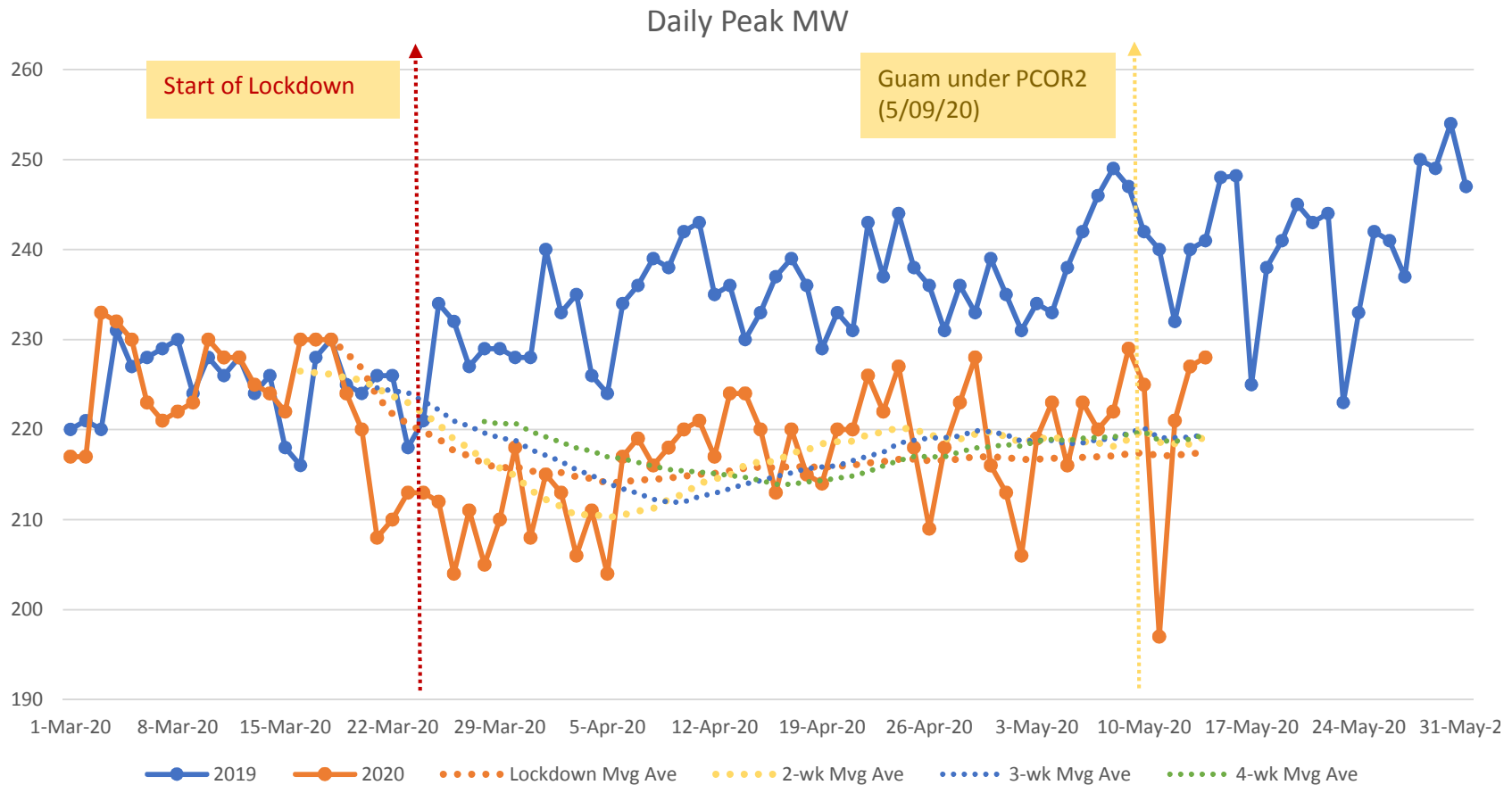


PEAK DEMAND WILL BEGIN INCREASING

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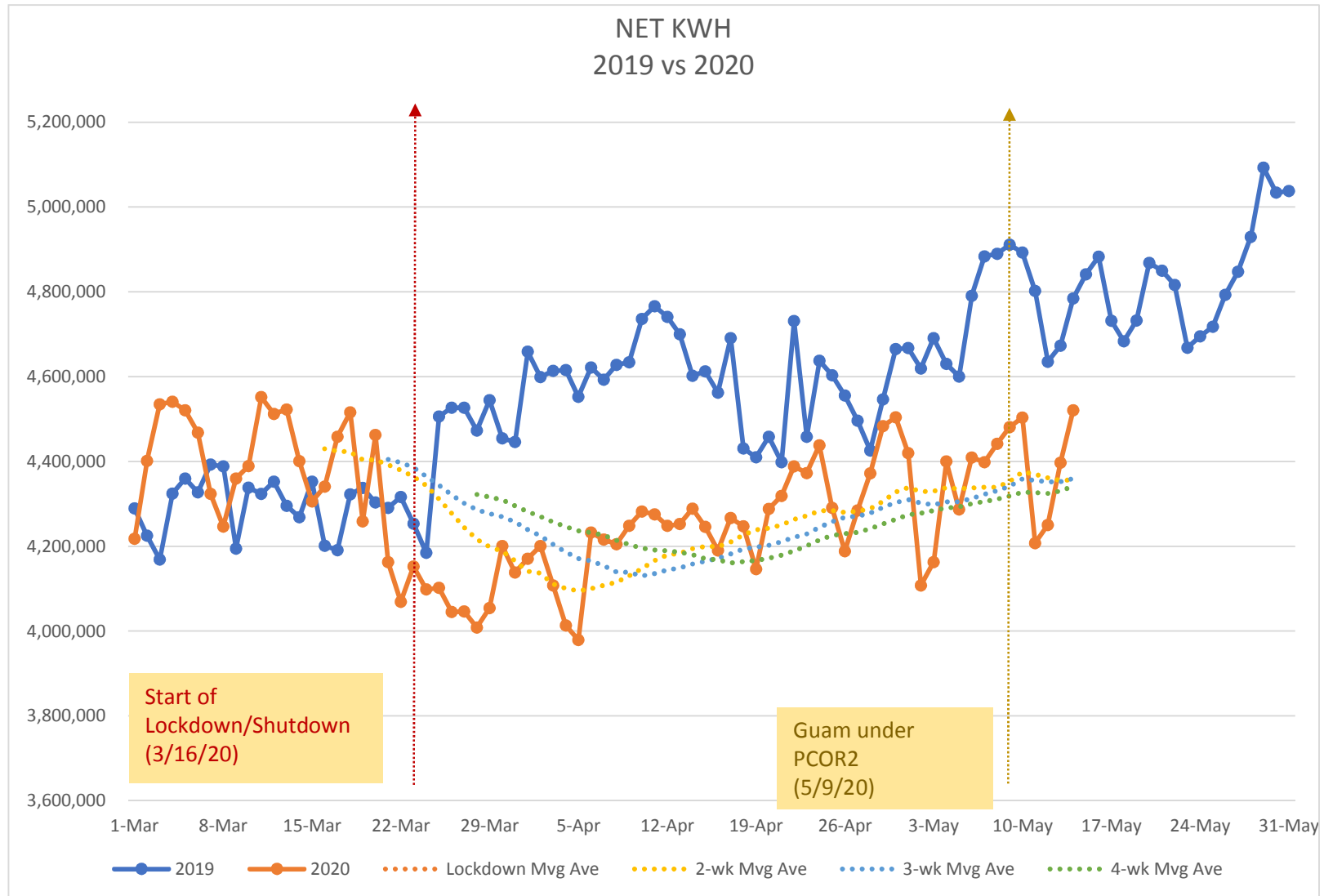
1. **Generation System:** The following is the generation forecast for May 2020:

Projected Available Capacity: 383 MW
 Projected Demand: 235 MW
 Anticipated Reserve Margin: 148 MW



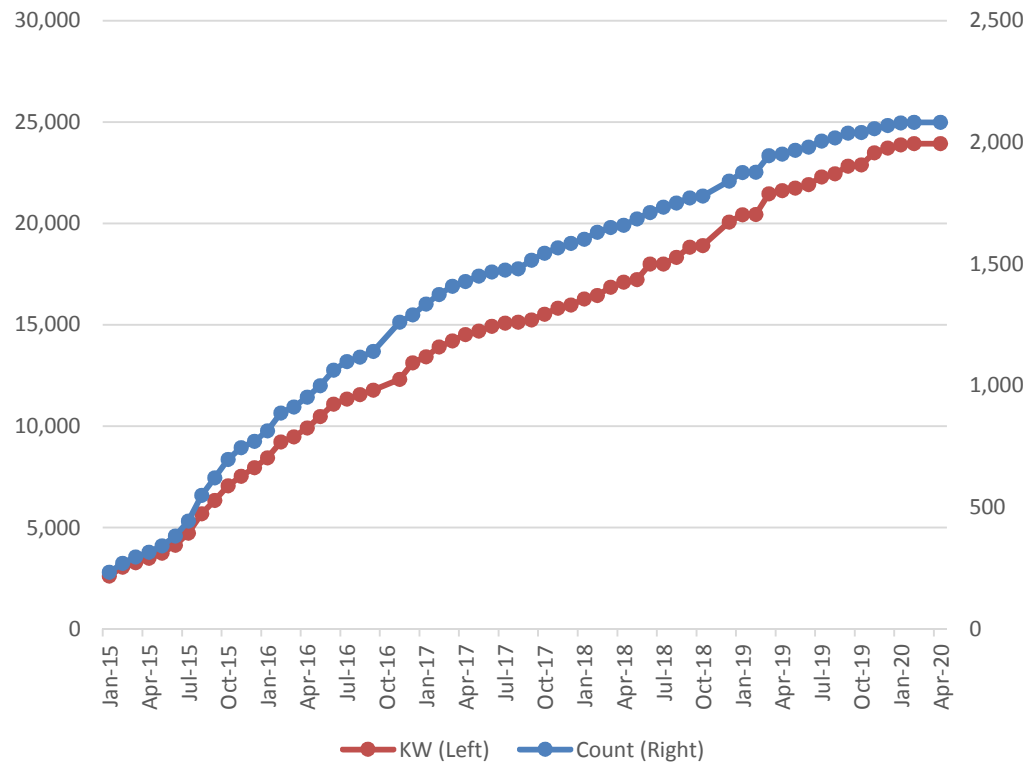
NET ENERGY PRODUCTION RECOVERING GOOD INDICATOR FOR SALES

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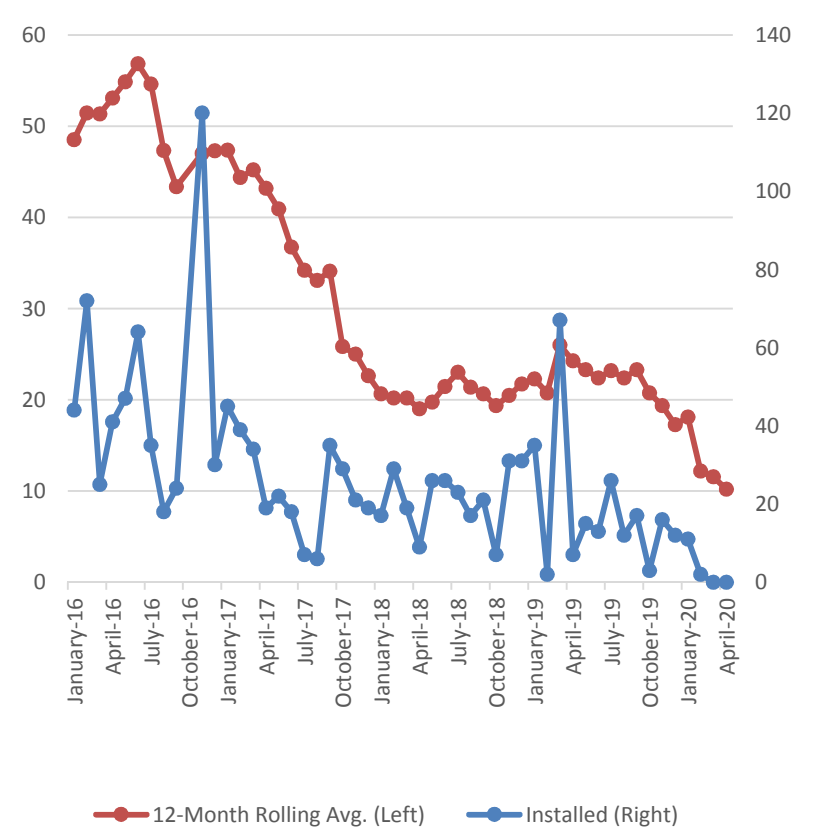


2. Net Metering (NEM) Growth Thru April 2020:

Net Metering Growth
Apr 2020: 2,081 customers, 23.9 MW



Monthly NEM Customers



3. DSM Program Expenses

Description	FY16	FY17	FY18	FY19	FY20 As of 03/31/20	Total to Date
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$17,610.32	\$128,052.14
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	-	\$233,831.05
Ads & Radio Announcements	-	-	-	\$7,500.00	\$1,500.00	\$9,000.00
Paid Rebates-Split AC	\$154,700.00	\$557,275.00	\$1,349,825.00	\$1,374,650.00	\$ 299,300.00	\$ 3,735,750.00
Paid Rebates- Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$500.00	\$23,000.00
Paid Rebates- Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$26,600.00	\$204,825.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$1,553,190.19	\$345,510.32	\$4,334,458.19
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$246.83	\$5,598.33
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$210.00	\$3,729.68

**Expenses for March '20 are preliminary and may be subject to adjustment during reconciliation process.*

General Manager's Report (con't)

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4. **Energy Storage System (ESS) Update:** Project suspended until the moratorium on in-coming air transportation and the 14-day quarantine requirement are lifted. Commissioning parties consist of many off-island technical expertise required to complete commissioning work.
5. **KEPCO 60 MW Solar PV Project:** Project Financing has been achieved by KEPCO and their Security Development Deposit of \$6,054,636 has been posted with GPA. Project Commercial Operational Date (COD) is Jan 21, 2022.
6. **HANWHA 60 MW Solar PV Project:** HANWHA posted their Security Development Deposit of \$4,624,161 with GPA on September 11, 2019. Project Commercial Operational Date is August 22, 2022.
7. **Integrated Resource Plan (IRP) 2020:** Stakeholder meetings suspended until island pandemic emergency lifted. However, virtual stakeholder meetings are being planned which may allow this process to continue earlier.

MEETING	DATE	AGENDA
1	To be rescheduled	-Introduction to the IRP and Stakeholder Process -Demand and Fuel Price Forecasting -Existing Supply-side Resources -Environmental Regulations -Update on GPA's Power Plant -DSM, Net Metering and GPA's Smart Grid Network -Renewable Energy & Energy Storage Systems -Progress in Other Areas of Operation -[Open Session w/ Stakeholders]
2		Stakeholder Breakout Sessions & Feedback
3&4	Pending updated schedule	Results



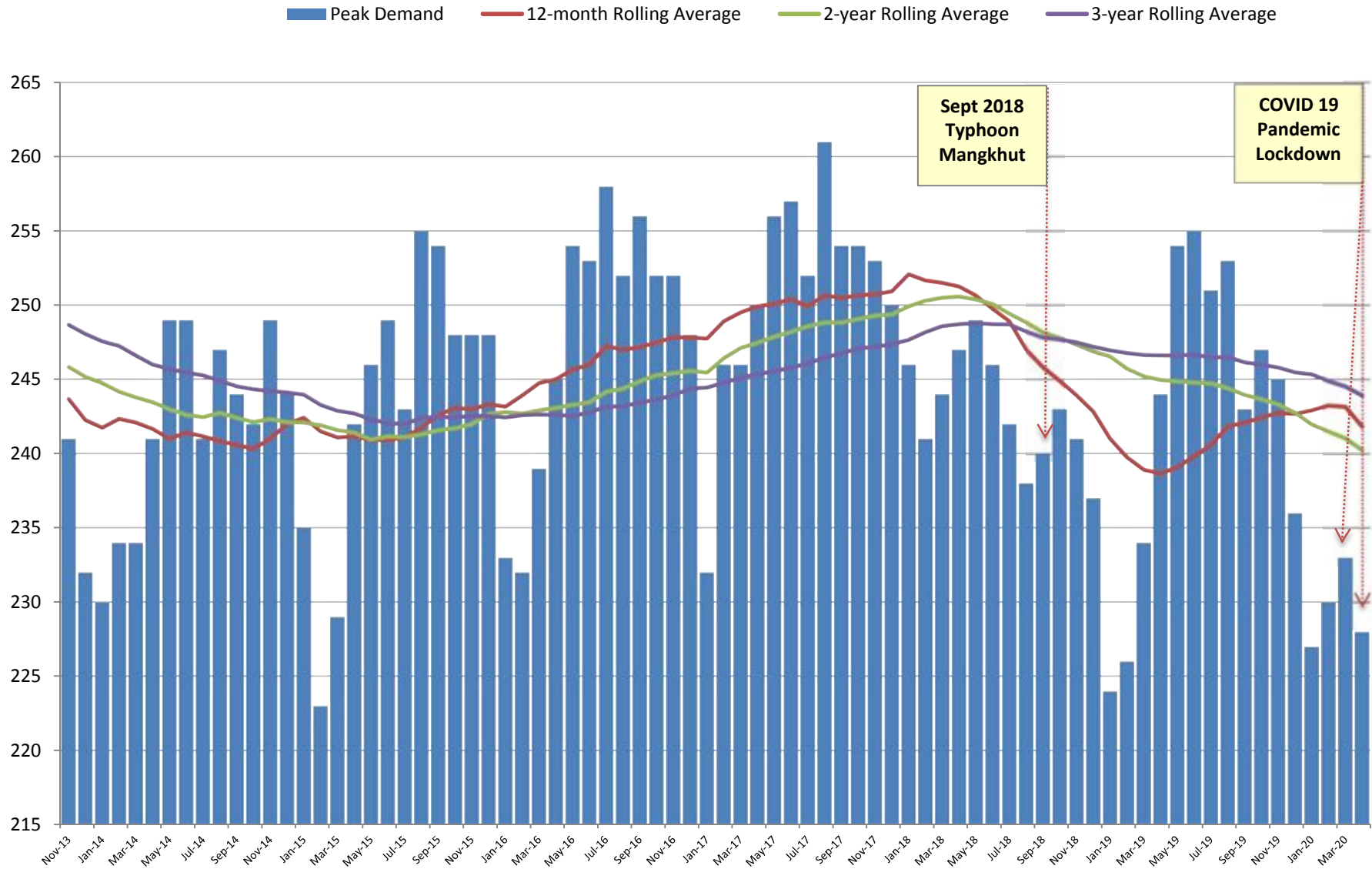
General Manager's Report (con't)

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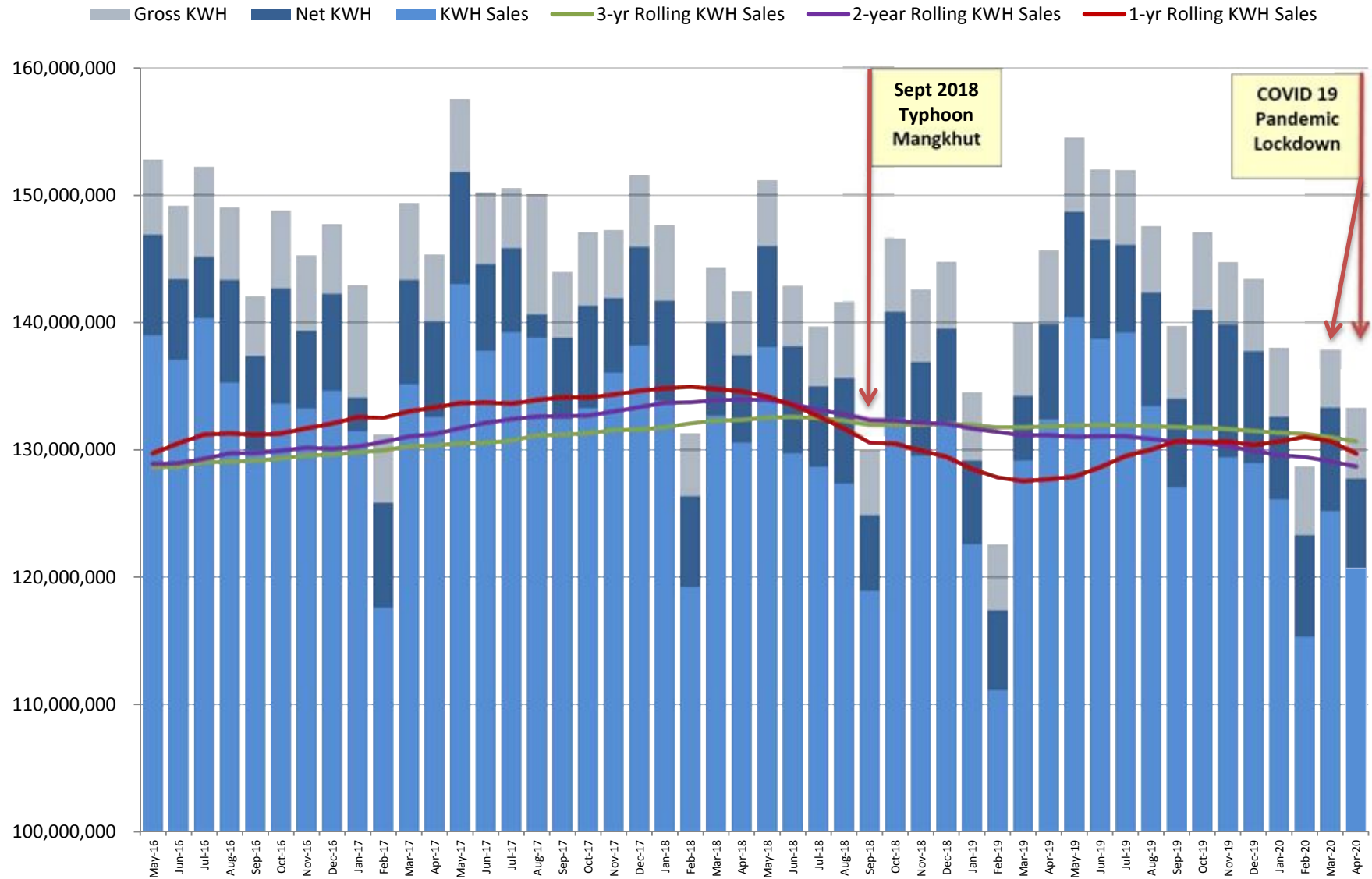
8. **Credit Rating Agencies:** We have had conference calls with all three rating agencies. We have provided updates on the impact of COVID-19 on the utility. GPA is confident it will maintain its investment grade rating, although like many other utilities credit watches are in effect.
9. **FY 2019 Audit:** The audit has been completed and Issued. All publication and notification requirements have been done.
10. **Generation KPI's:** The following graphs show the updated system information through April 2020:



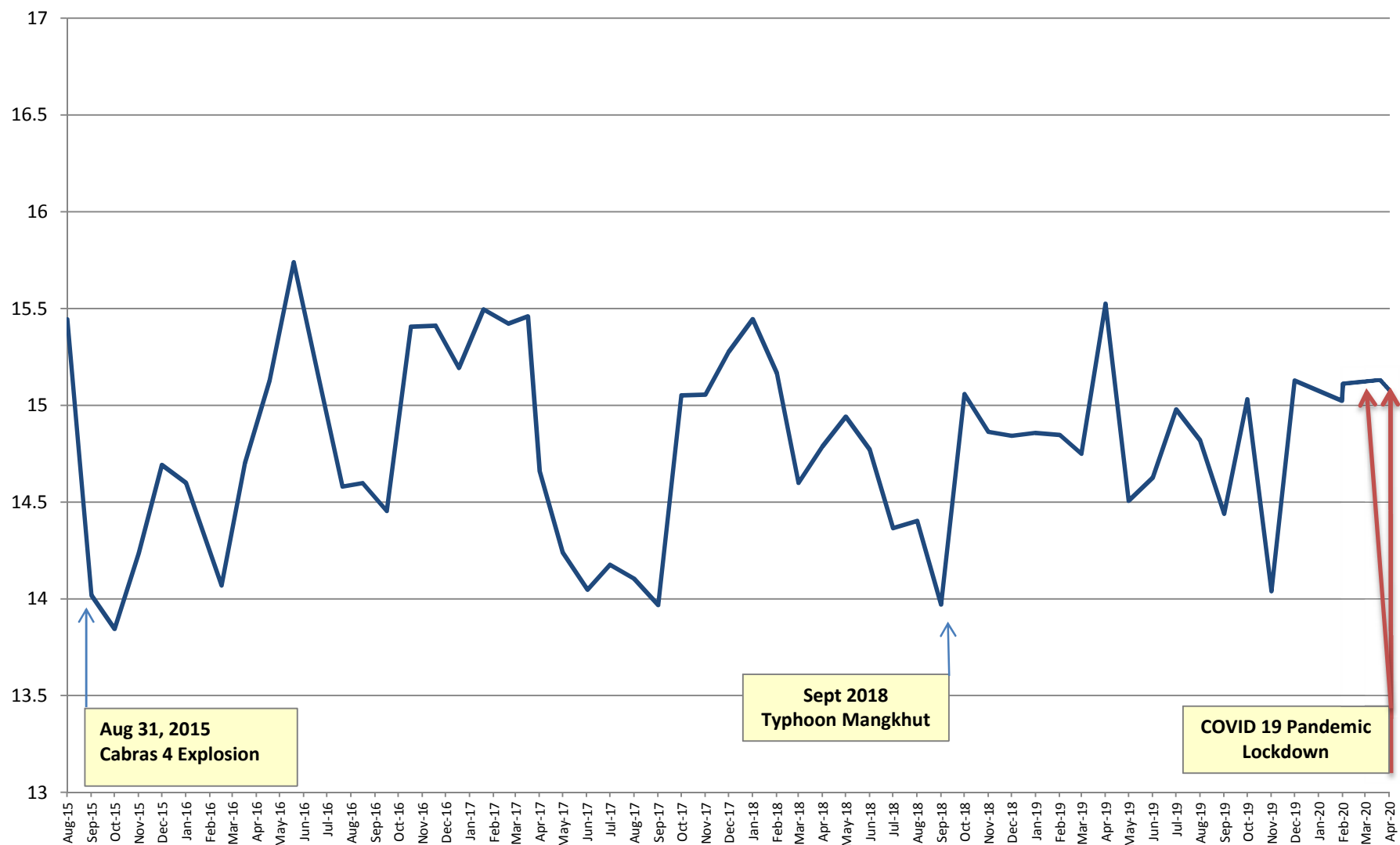
Historical Monthly Peak Demand Nov 2013 - Apr 2020



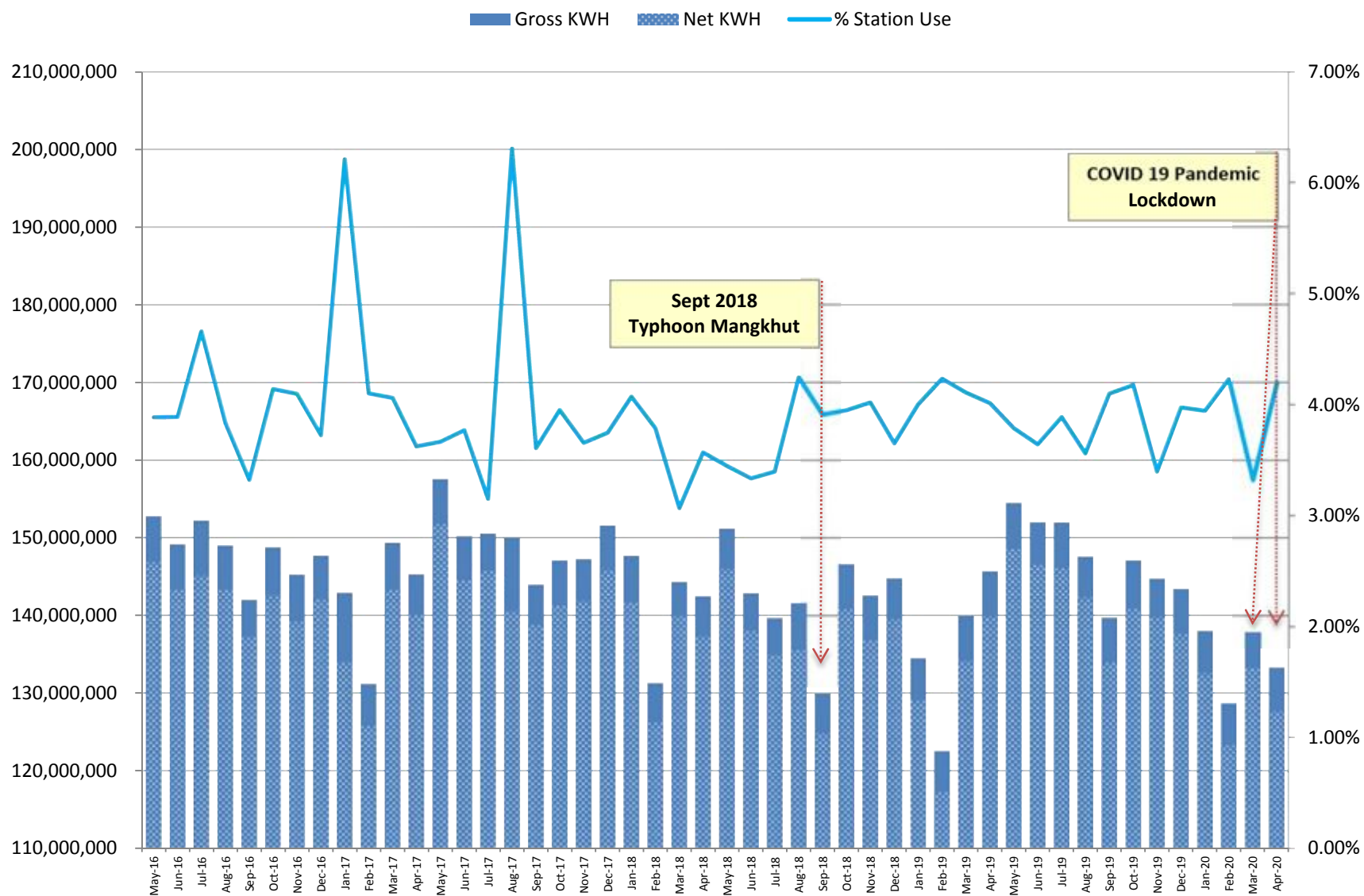
Historical KWH Sales May 2016 - Apr 2020



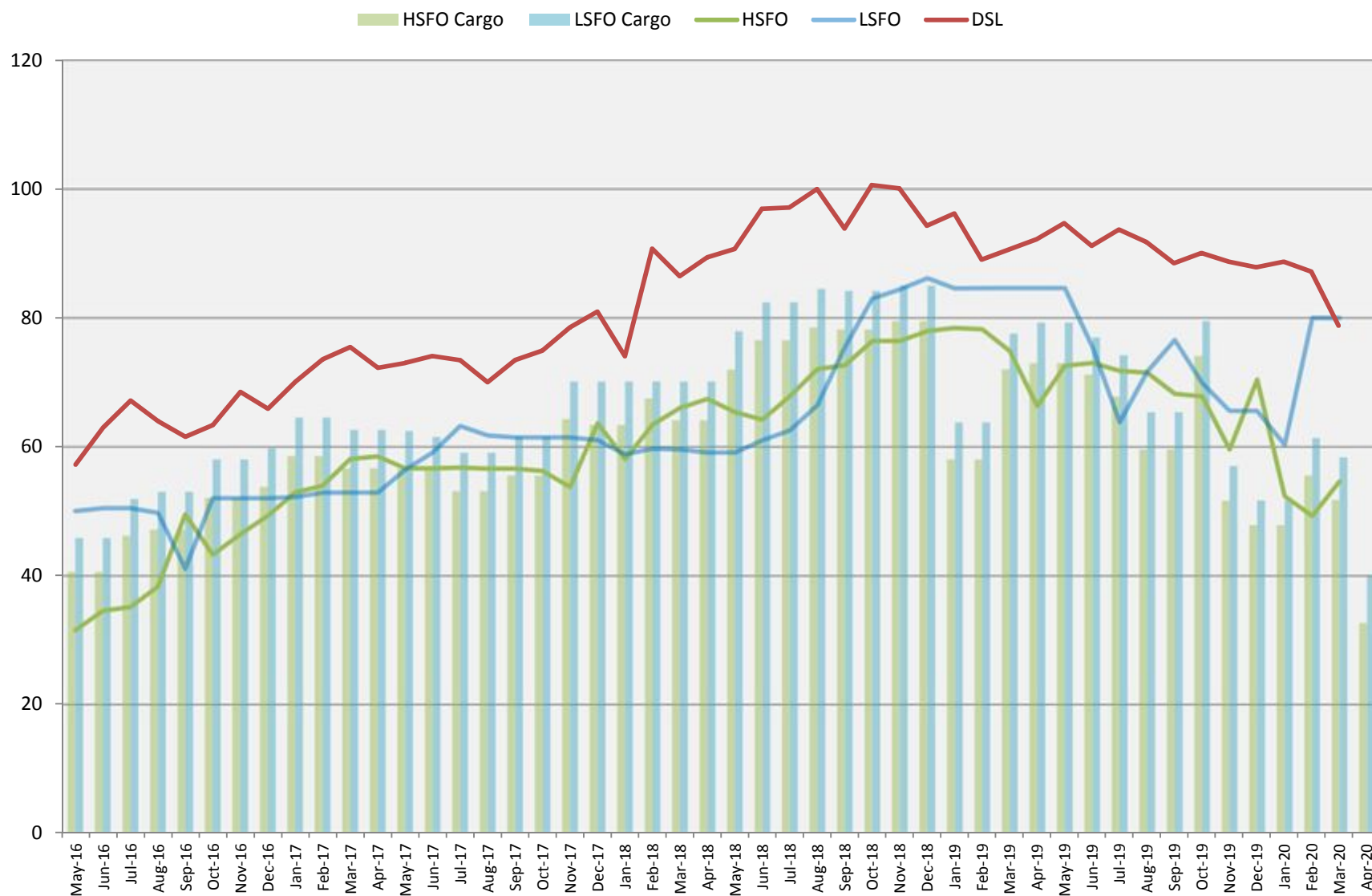
SYSTEM GROSS HEAT RATE (KWH/Gal) Aug 2015 - Apr 2020



Gross and Net Generation (KWH) May 2016 - Apr 2020



Fuel Cargo and Fuel Consumption Costs (\$/bbl) May 2016 - Apr 2020



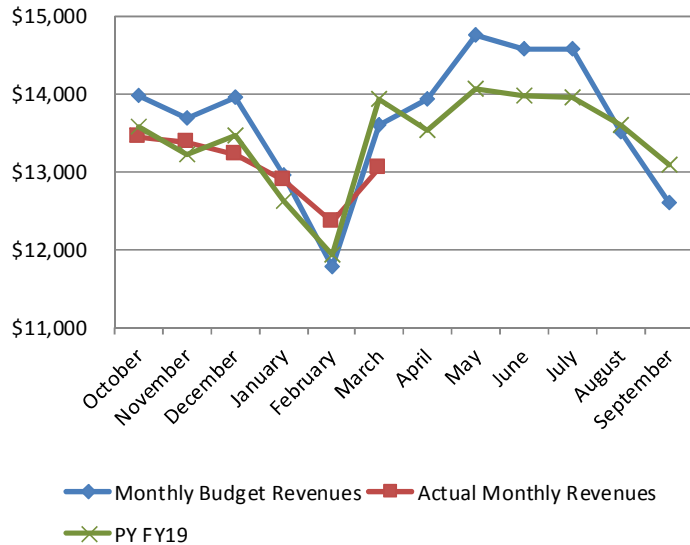
CFO

FINANCIAL HIGHLIGHTS

March 2020

March 2020 Monthly Financial Highlights

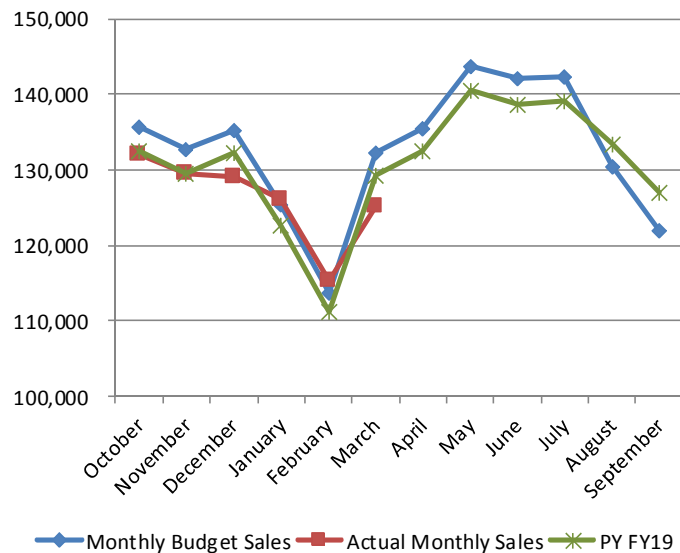
Base Rate Revenue \$000



Through March 31, 2020

	Monthly Budget Revenues \$000	Actual Monthly Revenues	Variance		PY FY19	CY vs PY Variance	
October	\$ 13,968	\$ 13,440	\$ (528)	↑	\$ 13,564	\$ (125)	↓
November	13,682	13,358	\$ (324)	↑	13,203	\$ 155	↑
December	13,940	13,216	\$ (724)	↑	13,467	\$ (251)	↓
January	12,940	12,888	\$ (52)	↑	12,616	\$ 272	↑
February	11,772	12,357	\$ 585	↑	11,915	\$ 442	↑
March	13,587	13,039	\$ (548)	↑	13,926	\$ (887)	↓
April	13,915				13,520		
May	14,755				14,057		
June	14,558				13,977		
July	14,563				13,951		
August	13,499				13,595		
September	12,585				13,073		
Total	\$ 163,763	\$ 78,298	\$ (1,591)		\$ 160,865	\$ (394)	

MWh Sales



Through March 31, 2020

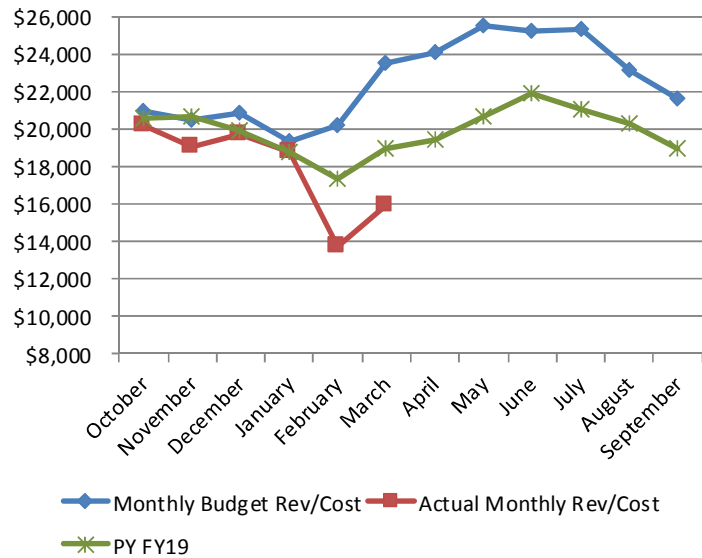
	Monthly Budget Sales mwh	Actual Monthly Sales	Variance		PY FY19	CY vs PY Variance	
October	135,650	131,953	(3,697)	↑	132,489	(536)	↓
November	132,721	129,421	(3,300)	↑	129,537	(116)	↓
December	135,343	128,958	(6,385)	↑	132,190	(3,232)	↓
January	125,456	126,130	674	↑	122,590	3,540	↑
February	113,726	115,346	1,620	↑	111,159	4,187	↑
March	132,206	125,185	(7,020)	↑	129,170	(3,985)	↓
April	135,521				132,396		
May	143,721				140,412		
June	142,093				138,704		
July	142,383				139,204		
August	130,434				133,422		
September	121,840				127,050		
Total	1,591,092	756,993	(18,107)		1,568,322	(142)	



March 2020 Monthly Financial Highlights (Continued)

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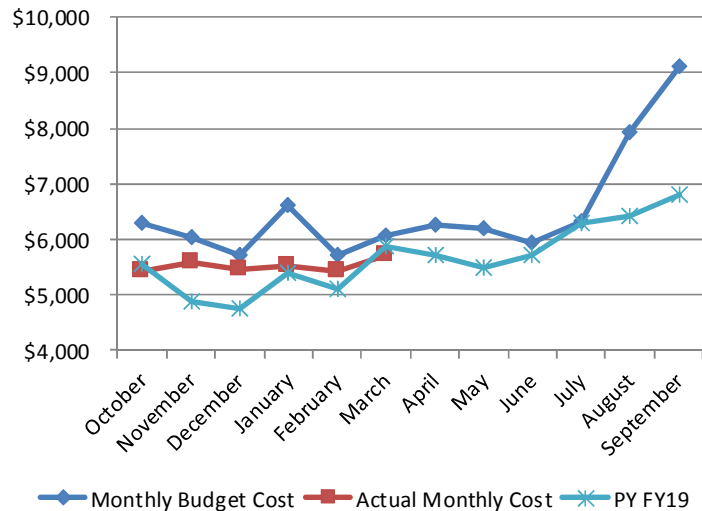
Fuel Revenue/ Cost \$000



Through March 31, 2020

	Monthly Budget \$000	Actual Monthly Rev/Cost	Variance		PY FY19	CY vs PY Variance	
October	\$ 20,923	\$ 20,165	\$ (758)	↑	\$ 20,550	\$ (385)	↓
November	20,471	19,088	\$ (1,383)	↑	20,711	\$ (1,622)	↓
December	20,876	19,697	\$ (1,179)	↑	19,969	\$ (272)	↓
January	19,351	18,820	\$ (531)	↑	18,822	\$ (2)	↓
February	20,219	13,701	\$ (6,518)	↑	17,368	\$ (3,667)	↓
March	23,505	15,968	\$ (7,537)	↑	19,017	\$ (3,049)	↓
April	24,094				19,442		
May	25,552				20,711		
June	25,263				21,932		
July	25,314				21,082		
August	23,190				20,331		
September	21,662				18,935		
Total	\$ 270,418	\$ 107,439	\$ (17,905)		\$ 238,868	\$ (8,997)	

O&M Cost \$000



Through March 31, 2020

	Monthly Budget \$000	Actual Monthly Cost	Variance		PY FY19	CY vs PY Variance	
October	\$ 6,290	5,411	878	↑	5,551	140	↑
November	6,016	5,572	444	↑	4,875	(697)	↓
December	5,725	5,460	265	↑	4,762	(698)	↓
January	6,607	5,521	1,086	↑	5,399	(122)	↓
February	5,701	5,417	284	↑	5,114	(303)	↓
March	6,050	5,723	327	↑	5,869	145	↓
April	6,258				5,704		
May	6,179				5,485		
June	5,922				5,703		
July	6,321				6,276		
August	7,908				6,421		
September	9,102				6,797		
Total	\$ 78,079	\$ 33,105	\$ 3,284		\$ 67,956	\$ (1,535)	



March 2020 Monthly Financial Highlights (Continued)

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Through March 31 , 2020							
	4Q2018	1Q2019	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020
Residential	43,887	43,920	44,144	44,329	44,479	44,203	44,509
Commercial	5,261	5,273	5,291	5,303	5,289	5,154	5,352
Government	1,077	1,090	1,074	1,075	1,070	1,072	1,059
Streetlights	1,152	1,151	1,152	1,138	1,138	1,135	1,128
Navy	1	1	1	1	1	1	1
Total	51,378	51,435	51,662	51,846	51,977	51,565	52,049

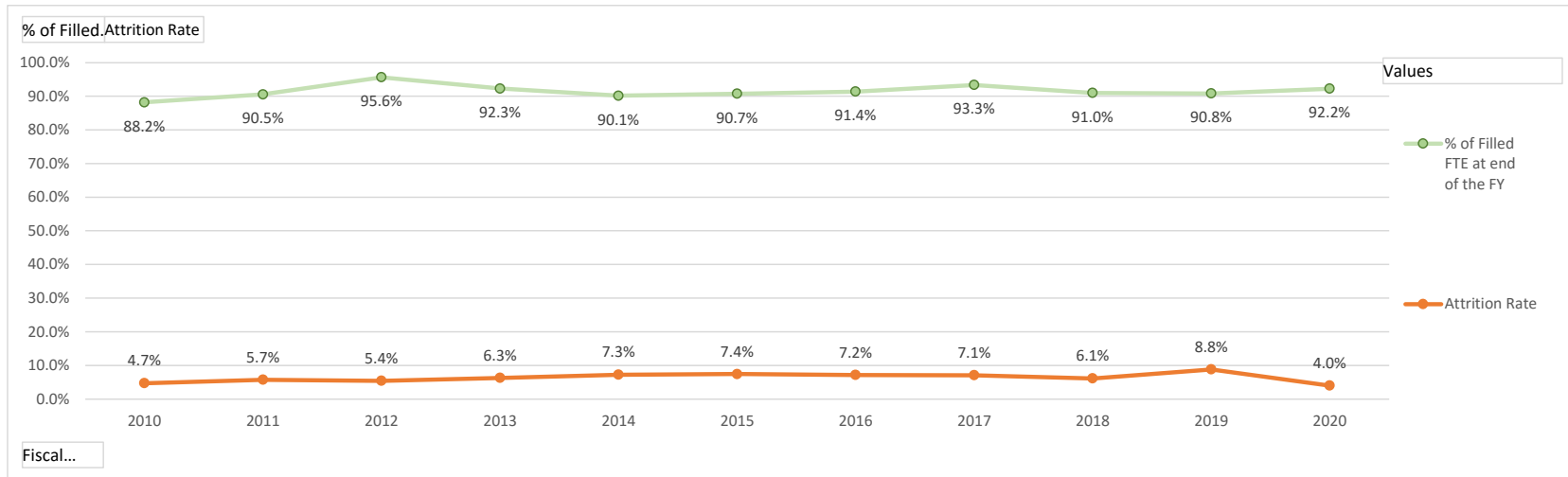
Debt service coverage (DSC) calculation-indenture	2015	2016	2017	2018	2019	2020
Senior lien coverage	3.62	3.28	2.65	2.53	1.97	1.74
Aggregate debt service coverage	2.62	3.28	2.65	2.53	1.97	1.74
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	2.56	2.45	1.79	1.65	1.64	1.55
Aggregate debt service coverage	1.85	2.45	1.79	1.65	1.64	1.55

Guam Power Authority

Human Resources Division

FY 2020 Recruitment Analysis

as of April 30, 2020



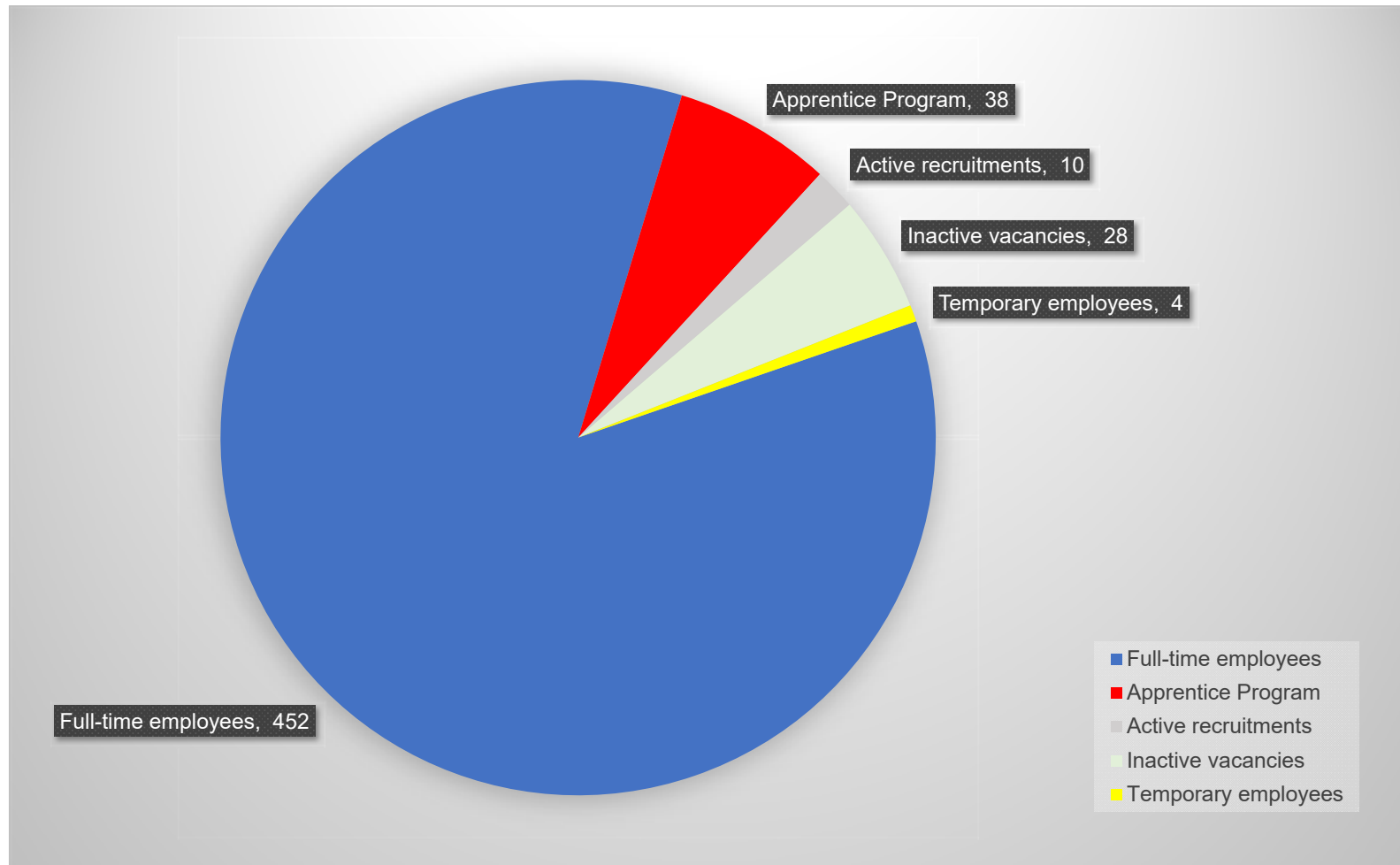
Fiscal Year	New Hire	Promotion	Reclass-ification	Termination	Death	Resignation	Retirement	Attrition Rate	Total Authorized FTE	Total Filled FTE at end of the FY	% of Filled FTE at end of the FY
2010	13	20	10	0	1	12	12	4.7%	592	522	88.2%
2011	44	23	6	4	0	14	12	5.7%	592	536	90.5%
2012	36	24	6	1	2	19	7	5.4%	568	543	95.6%
2013	15	26	9	1	3	14	16	6.3%	568	524	92.3%
2014	26	27	8	1	0	13	24	7.3%	568	512	90.1%
2015	15	25	12	2	1	19	16	7.4%	539	489	90.7%
2016	12	20	17	3	1	15	16	7.2%	510	466	91.4%
2017	42	15	21	0	1	13	19	7.1%	510	476	93.3%
2018	17	16	13	0	3	15	11	6.1%	510	464	91.0%
2019	31	20	3	3	3	18	17	8.8%	500	454	90.8%
2020	15	10	4	1	0	7	10	4.0%	490	452	92.2%

Guam Power Authority

Human Resources Division

FY 2020 Staffing Report

as of April 30, 2020



Guam Power Authority

Human Resources Division

FY 2020 Staffing Report

as of April 30, 2020

Department / Division / Program	Prior Month Employee Count	Current Month Employee Count	No. of Vacancies Prior Month	No. of Vacancies Current Month	Total Staffing
Assistant GM - Administration	2	2	-	-	2
Assistant GM - Engineering & Technical Services	1	1	-	-	1
Assistant GM - Operations	2	2	-	-	2
Consolidated Commission on Utilities Board	2	2	-	-	2
Customer Service	31	31	3	3	34
Engineering	38	38	1	1	39
Facilities	8	8	1	1	9
Finance	41	41	3	3	44
General Manager (GM)	4	4	-	-	4
Generation	110	110	12	12	122
Human Resources	9	9	1	1	10
Information Technology	16	16	-	-	16
Internal Audit / Revenue Protection	3	3	-	-	3
Planning and Regulatory	8	8	-	-	8
Power System Control Center	27	27	3	3	30
Procurement	22	22	-	-	22
Public Information Office	2	2	-	-	2
Safety	7	7	-	-	7
Strategic Planning and Operations Research Division	10	10	1	1	11
Transmission and Distribution	98	98	13	13	111
Transportation	11	11	-	-	11
Total full-time permanent employees	452	452	38	38	490
Apprenticeship Program	38	38	-	-	38
JOBS Program / GETP / SCSEP*	-	-	-	-	-
Summer Engineering Internship Program	-	-	-	-	-
Temporary hires (Public Law 34-116)	3	3	-	-	3
Work Experience Program	1	1	-	-	1
Total contractual / temporary employees	42	42	-	-	42
Work Force Grand Total	494	494	38	38	532

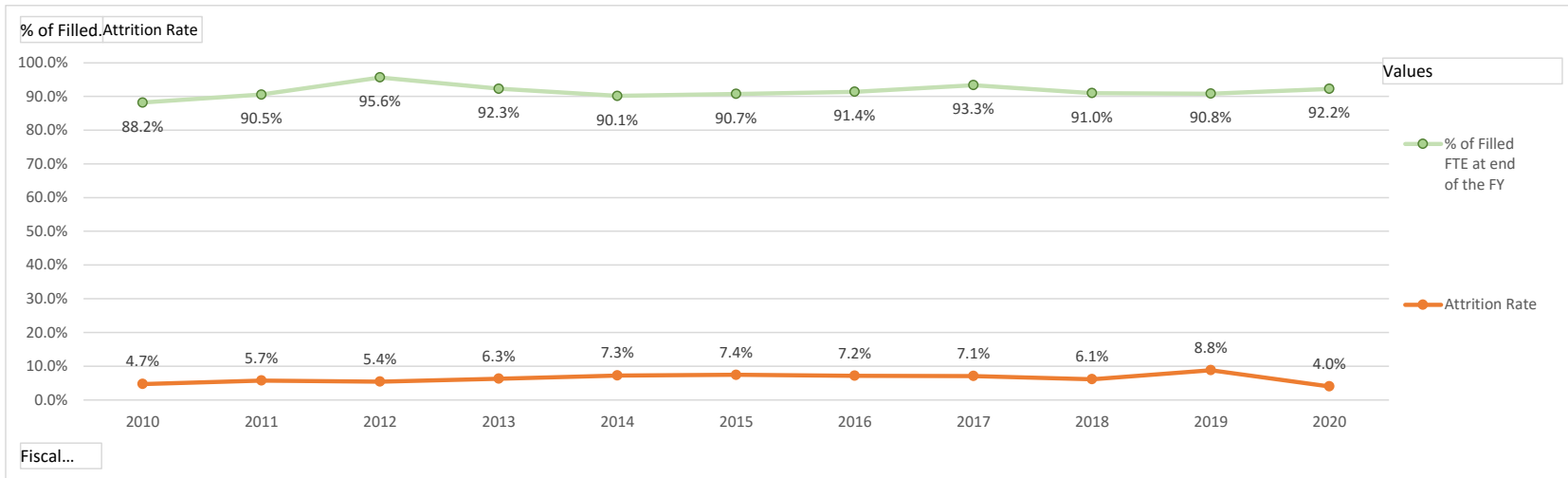
*Job Opportunities & Basic Skills (JOBS) Program, Guam Employment & Training Program (GETP), Senior Community Service Employment Program (SCSEP)

Guam Power Authority

Human Resources Division

FY 2020 Recruitment Analysis

as of March 31, 2020



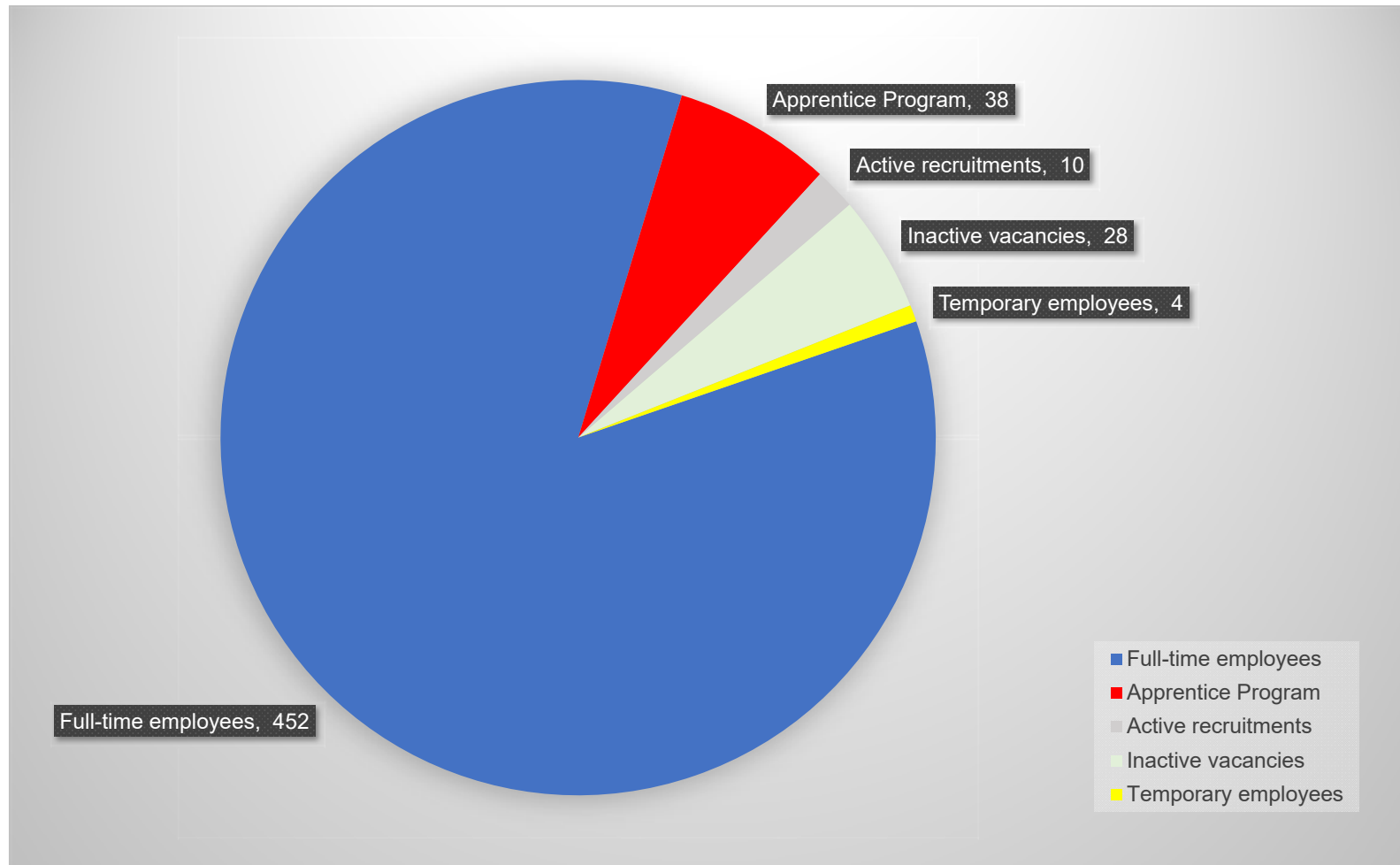
Fiscal Year	New Hire	Promotion	Reclassification	Termination	Death	Resignation	Retirement	Attrition Rate	Total Authorized FTE	Total Filled FTE at end of the FY	% of Filled FTE at end of the FY
2010	13	20	10	0	1	12	12	4.7%	592	522	88.2%
2011	44	23	6	4	0	14	12	5.7%	592	536	90.5%
2012	36	24	6	1	2	19	7	5.4%	568	543	95.6%
2013	15	26	9	1	3	14	16	6.3%	568	524	92.3%
2014	26	27	8	1	0	13	24	7.3%	568	512	90.1%
2015	15	25	12	2	1	19	16	7.4%	539	489	90.7%
2016	12	20	17	3	1	15	16	7.2%	510	466	91.4%
2017	42	15	21	0	1	13	19	7.1%	510	476	93.3%
2018	17	16	13	0	3	15	11	6.1%	510	464	91.0%
2019	31	20	3	3	3	18	17	8.8%	500	454	90.8%
2020	15	10	4	1	0	7	10	4.0%	490	452	92.2%

Guam Power Authority

Human Resources Division

FY 2020 Staffing Report

as of March 31, 2020



Guam Power Authority

Human Resources Division

FY 2020 Staffing Report

as of March 31, 2020

Department / Division / Program	Prior Month Employee Count	Current Month Employee Count	No. of Vacancies Prior Month	No. of Vacancies Current Month	Total Staffing
Assistant GM - Administration	2	2	-	-	2
Assistant GM - Engineering & Technical Services	1	1	-	-	1
Assistant GM - Operations	2	2	-	-	2
Consolidated Commission on Utilities Board	2	2	-	-	2
Customer Service	31	31	3	3	34
Engineering	38	38	1	1	39
Facilities	8	8	1	1	9
Finance	41	41	3	3	44
General Manager (GM)	4	4	-	-	4
Generation	111	110	11	12	122
Human Resources	9	9	1	1	10
Information Technology	16	16	-	-	16
Internal Audit / Revenue Protection	3	3	-	-	3
Planning and Regulatory	8	8	-	-	8
Power System Control Center	27	27	3	3	30
Procurement	22	22	-	-	22
Public Information Office	2	2	-	-	2
Safety	7	7	-	-	7
Strategic Planning and Operations Research Division	10	10	1	1	11
Transmission and Distribution	98	98	13	13	111
Transportation	11	11	-	-	11
Total full-time permanent employees	453	452	37	38	490
Apprenticeship Program	38	38	-	-	38
JOBS Program / GETP / SCSEP*	-	-	-	-	-
Summer Engineering Internship Program	-	-	-	-	-
Temporary hires (Public Law 34-116)	3	3	-	-	3
Work Experience Program	1	1	-	-	1
Total contractual / temporary employees	42	42	-	-	42
Work Force Grand Total	495	494	37	38	532

*Job Opportunities & Basic Skills (JOBS) Program, Guam Employment & Training Program (GETP), Senior Community Service Employment Program (SCSEP)

Guam Power Authority

Administrative Divisions

April 2020*

AGMA

- Continues to serve as Authority's primary pandemic coordinator. Directs Authority's response to internal and external requests during the public health emergency. Monitors Authority's overall impact to include employee and resource availability.

Customer Service

- Continuation of small operation of CSR's providing customer support via telephone calls, emails, and direct messages from social media. Support urgent customer requests and meter issues.

Human Resources

- Continues to addresses critical employee issues and needs, including Employee Assistance Program and applicability of government-issued emergency personnel orders.

Safety

- Continues to supports overall pandemic response, including implementation and audit of new protective procedures and requirements at GPA sites. Serves as primary agency RAC at Emergency Operations Center. Continues to support mission-critical operations and incident response during pandemic emergency.

Procurement

- Continues to support mission-critical operations during pandemic emergency, including issuance of urgent/critical purchases.

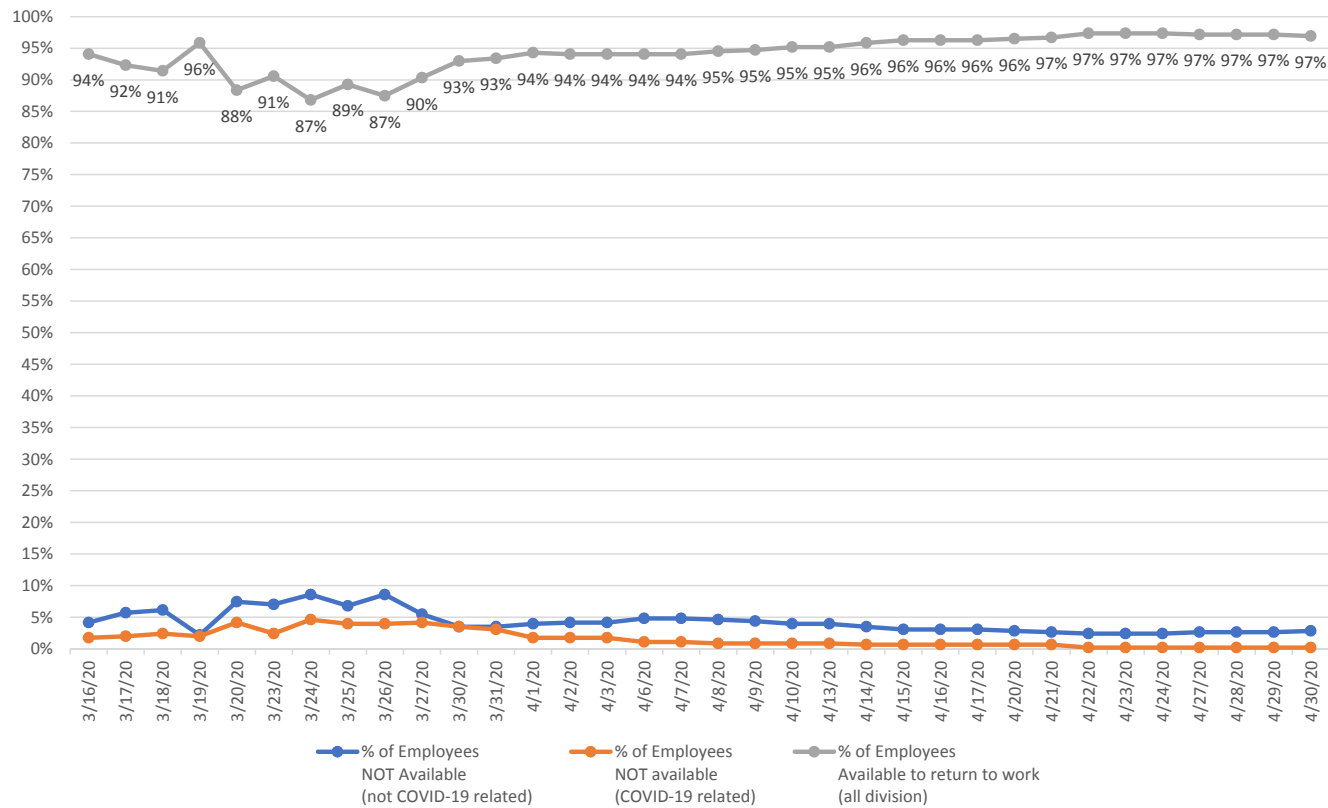
*Note: Normal operations have been disrupted by the Governor's Executive Order 2020-04, dated March 16, 2020, which ordered the closure of non-essential Government of Guam offices effective immediately and through March 30, 2020 due to the COVID-19 pandemic. The closure was extended two (2) additional times: through April 13, 2020 (EO 2020-06), and through May 5, 2020 (EO 2020-09).



Daily Employee Availability Report

All Divisions

March 16 - April 30, 2020



1 **D. GRAHAM BOTHER**
2 **Guam Power Authority**
3 **688 Route 15**
4 **Mangilao, Guam 96913**
5 **Ph: (671) 648-3203/3002**
6 **Fax: (671) 648-3290**

7
8 *Attorney for the Guam Power Authority*
9

10
11 **BEFORE THE GUAM PUBLIC UTILITY COMMISSION**
12

13
14 IN THE MATTER OF)

GPA DOCKET NO. 13-13


15)
16 Reliability of GPA Power System)

**GPA's FILING OF MONTHLY
RELIABILITY REPORT**

17)
18)
19 _____)
20

21
22 **COMES NOW**, the GUAM POWER AUTHORITY (GPA), by and through its counsel of
23
24 record, D. GRAHAM BOTHER, ESQ., and hereby files its annual reliability report for period
25
26 period as of April 30, 2020.
27

28
29
30 **RESPECTFULLY SUBMITTED** this 15th day of May 2020.
31

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41

D. GRAHAM BOTHER, ESQ.
Legal Counsel for GPA




GUAM POWER AUTHORITY

ATURIDÂT ILEKTRESEDÂT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

May 15, 2020

MEMORANDUM

To: General Manager
Via: AGMETS 
From: Engineering Manager
Subject: **PUC Filing of Monthly Reliability Report
As Ordered in Docket 13-13**

The attached table provides a summary of the monthly reporting requirements established by the PUC through GPA Docket 13-13 regarding the reliability of the GPA Power System. The attached report contains data as of April 30, 2020.

Please let me know if you have any questions.


Joven G. Acosta, P.E.

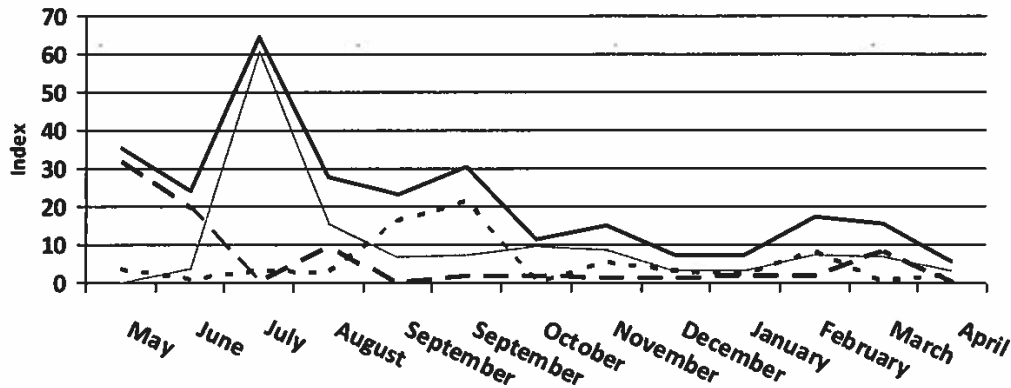
cc: AGMO
Staff Attorney
T&D Manager
Generation Manager
PSCC Manager
Public Information Officer

Guam Power Authority PUC Docket 13-13

Item	Reporting Requirement	GPA Response
Monthly Reporting Normalized		
1.1	One year number of outage occurrences, SAIDI, SAIFI, CAIDI and ASAI for the reporting month as well as the previous month	Attachment 1: SAIDI and SAIFI Attachment 2: CAIDI and ASAI
1.2	Breakdown among generation, transmission and distribution	Attachment 1: SAIDI and SAIFI Attachment 2: CAIDI and ASAI
1.3	Number of occurrences, SAIDI, SAIFI, and CAIDI that resulted in under frequency load shedding	Attachment 2: UFLS Contribution to Reliability and the number of occurrences as a result of under frequency load shedding
1.4	Information linking the outages to distribution circuits to track potential problem circuits	Attachment 2: Top 5 Worst Feeders Distribution Causes
1.5	Graphs depicting the monthly cumulative SAIDI, SAIFI, CAIDI and ASAI	Attachment 1: SAIDI and SAIFI Attachment 2: CAIDI and ASAI
1.6	Reporting of all generator related offline trip events, their causes and duration (whether or not customers were affected)	Attachment 3: Generation Report
1.7	Unit specific outage related to EAF and EFOR consistent with GADS reporting	Attachment 4,5,6, and 7: EAF Baseloads and Peaking, EFOR Baseloads and Peaking
1.8	Graphic representation of historic EAF and EFOR for multiple years	Attachment 4,5,6, and 7: EAF Baseloads and Peaking, EFOR Baseloads and Peaking
1.9	The total yearly outage cause breakdown by frequency and duration	Attachment 1: 12 Month Outages by Duration and Frequency



(Item 1.1,1.2,1.5) April 2020 SAIDI = 285.02 ↓ (293.18)



ALL

GEN=70.62

(72.35)

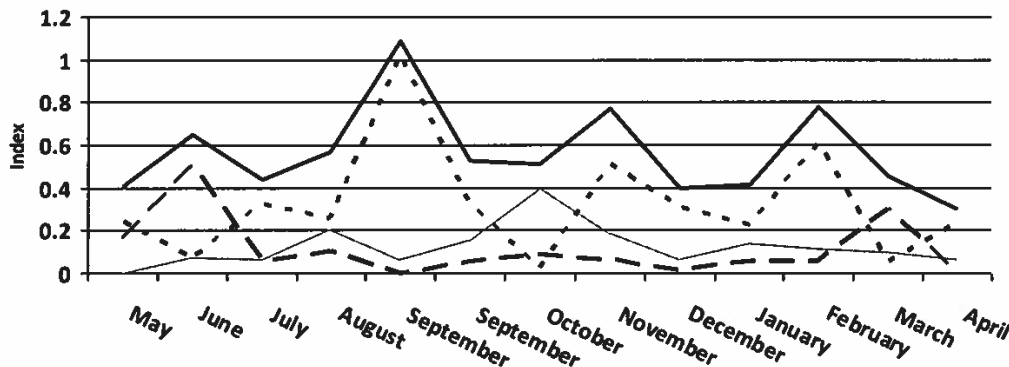
TRANS=78.82

(86.63)

DIST=135.57

(134.20)

(Item 1.1,1.2,1.5) April 2020 SAIFI = 7.30 ↓ (7.69)



ALL

GEN=4.22

(4.43)

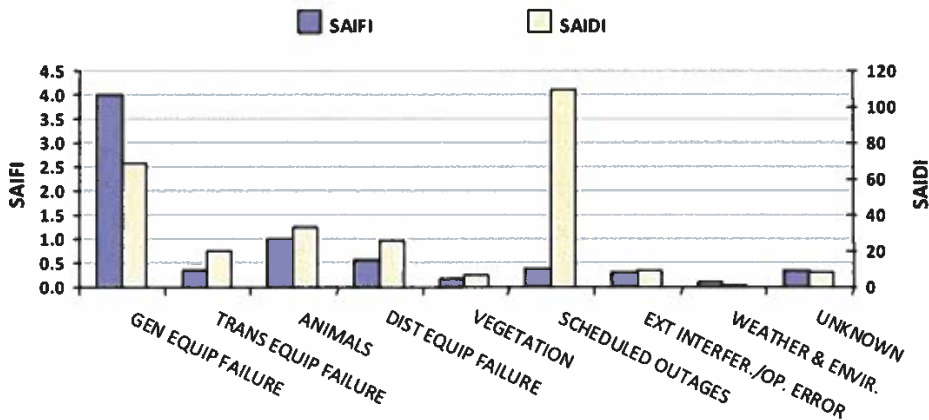
TRANS=1.47

(1.67)

DIST=1.61

(1.59)

(Item 1.9) 12-Month Cause Contributions to Reliability



GEN EQUIP FAILURE

F:52.5% D:24.2%

TRANS EQUIP FAILURE

F:4.8% D:6.9%

ANIMALS

F:13.8% D:11.7%

DIST EQUIP FAILURE

F:7.4% D:9.0%

VEGETATION

F:2.8% D:2.5%

SCHEDULED OUTAGES

F:6.9% D:38.5%

EXT INTERFER./OP. ERROR

F:5.0% D:3.5%

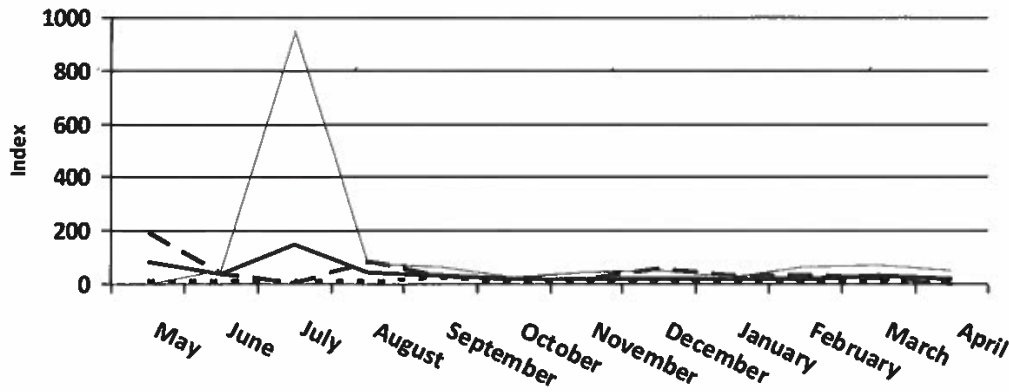
WEATHER & ENVIR.

F:1.5% D:0.4%

UNKNOWN

F:5.2% D:3.2%

(Item 1.1,1.2,1.5) April 2020 CAIDI = 39.04 ↑ (38.14)



ALL

GEN=16.73

(16.35) ↑

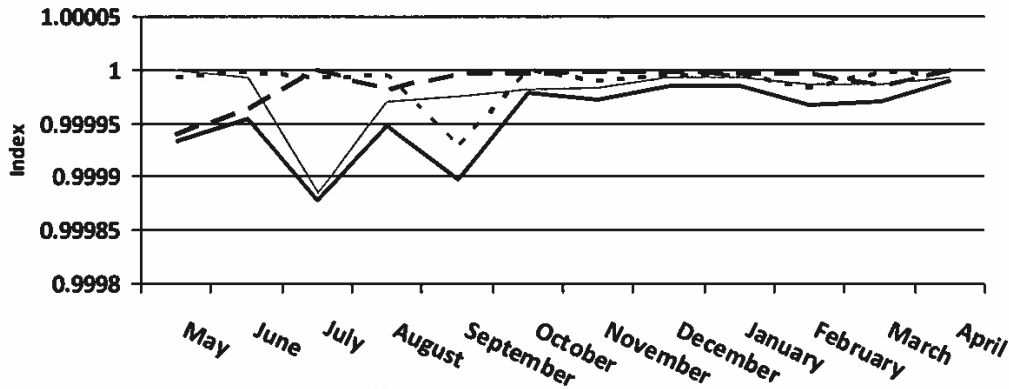
TRANS=53.79

(51.86) ↑

DIST=83.99

(84.38) ↓

(Item 1.1,1.2,1.5) April 2020 ASAI = 0.9995 ↑ (0.9994)



ALL

GEN=0.9999

(0.9999) UNC*

TRANS=0.9999

(0.9998) ↑

DIST=0.9997

(0.9997) UNC*

(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P340	11
2	P294	10
3	P261	8
4	P271	6
5	P301	6

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Overhead Equipment	34
2	Wind	22
3	Snakes	16
4	Vegetation	15
5	Substation Equipment	7

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
568	350	218

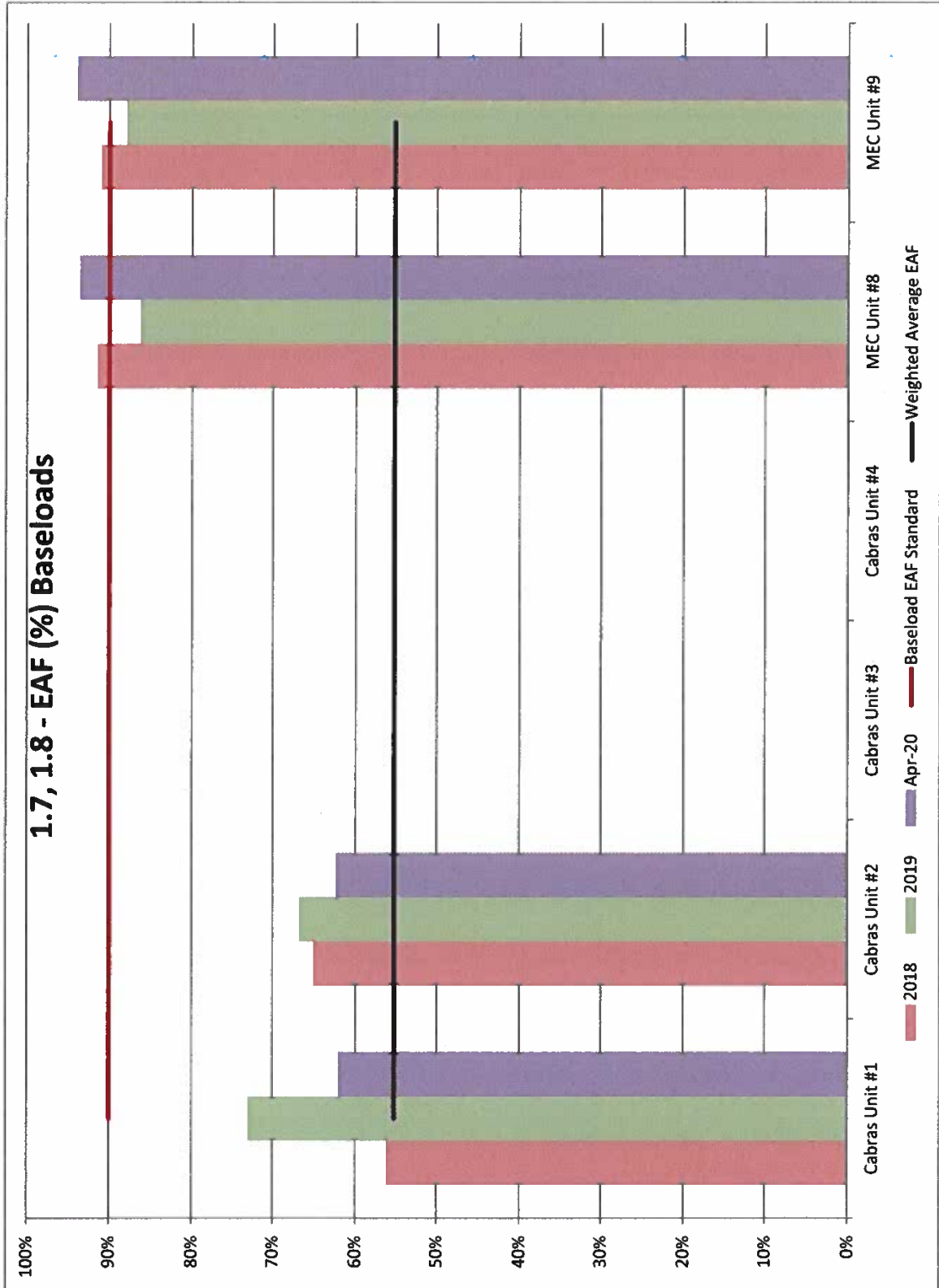
(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
90.43	5.06	17.85

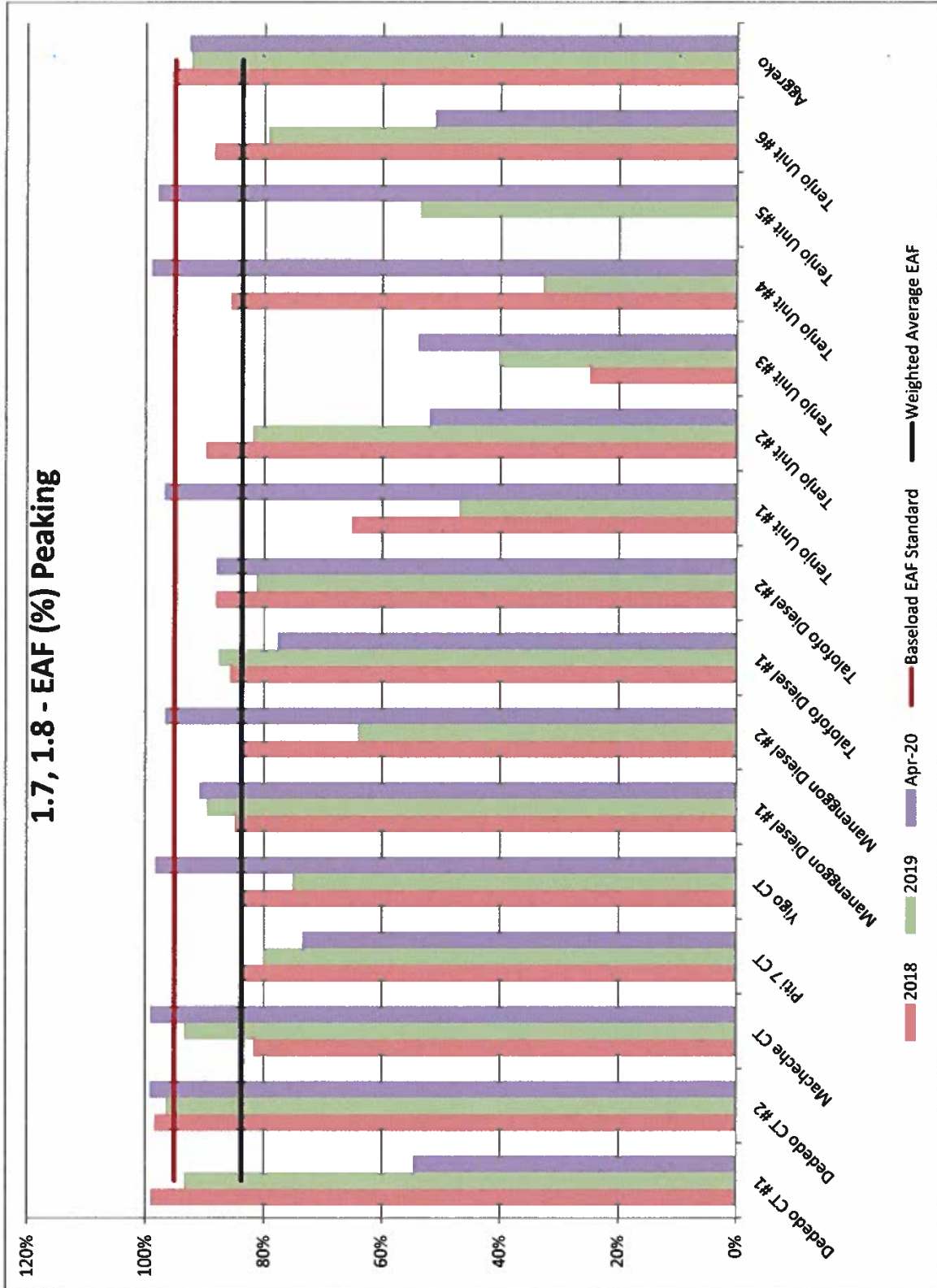
Item 1.6 Generation Outages

Trip Dates from Wednesday, 04/01/2019 0:00 to Thursday, 04/30/2019 23:59

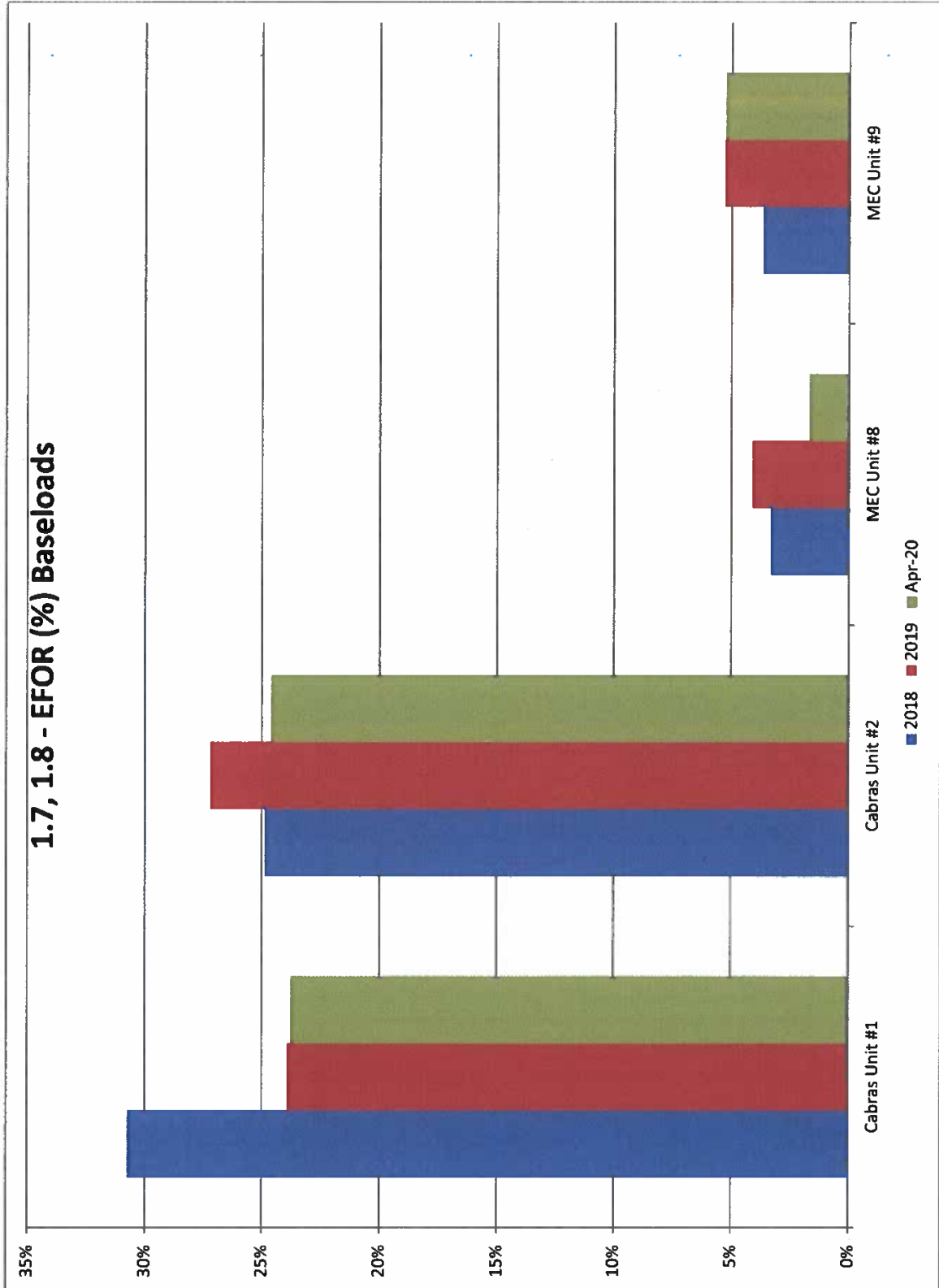
Facility	Trip		Close		Outage Duration (hr)	Situation	Root Cause
MEC 9	4/30/2020	21:20	5/1/2020	17:50	20.50	Unexpected	Equipment
MEC 9	4/30/2020	3:23	4/30/2020	14:37	11.23	Scheduled	Repair
MEC 9	4/27/2020	0:00	4/29/2020	17:29	65.48	Scheduled	Repair
MEC 8	4/24/2020	6:21	4/24/2020	11:26	5.08	Scheduled	Repair
MEC 8	4/21/2020	3:27	4/21/2020	4:50	1.38	Scheduled	Testing
MEC 8	4/20/2020	3:24	4/20/2020	5:08	1.73	Scheduled	Testing
MEC 8	4/17/2020	6:31	4/18/2020	20:26	37.92	Scheduled	Repair
MEC 9	4/16/2020	6:57	4/16/2020	12:10	5.22	Scheduled	Repair
MEC 8	4/10/2020	16:22	4/10/2020	18:32	2.17	Unexpected	Equipment
MEC 8	4/7/2020	6:34	4/8/2020	17:45	35.18	Scheduled	Preventive Maintenance



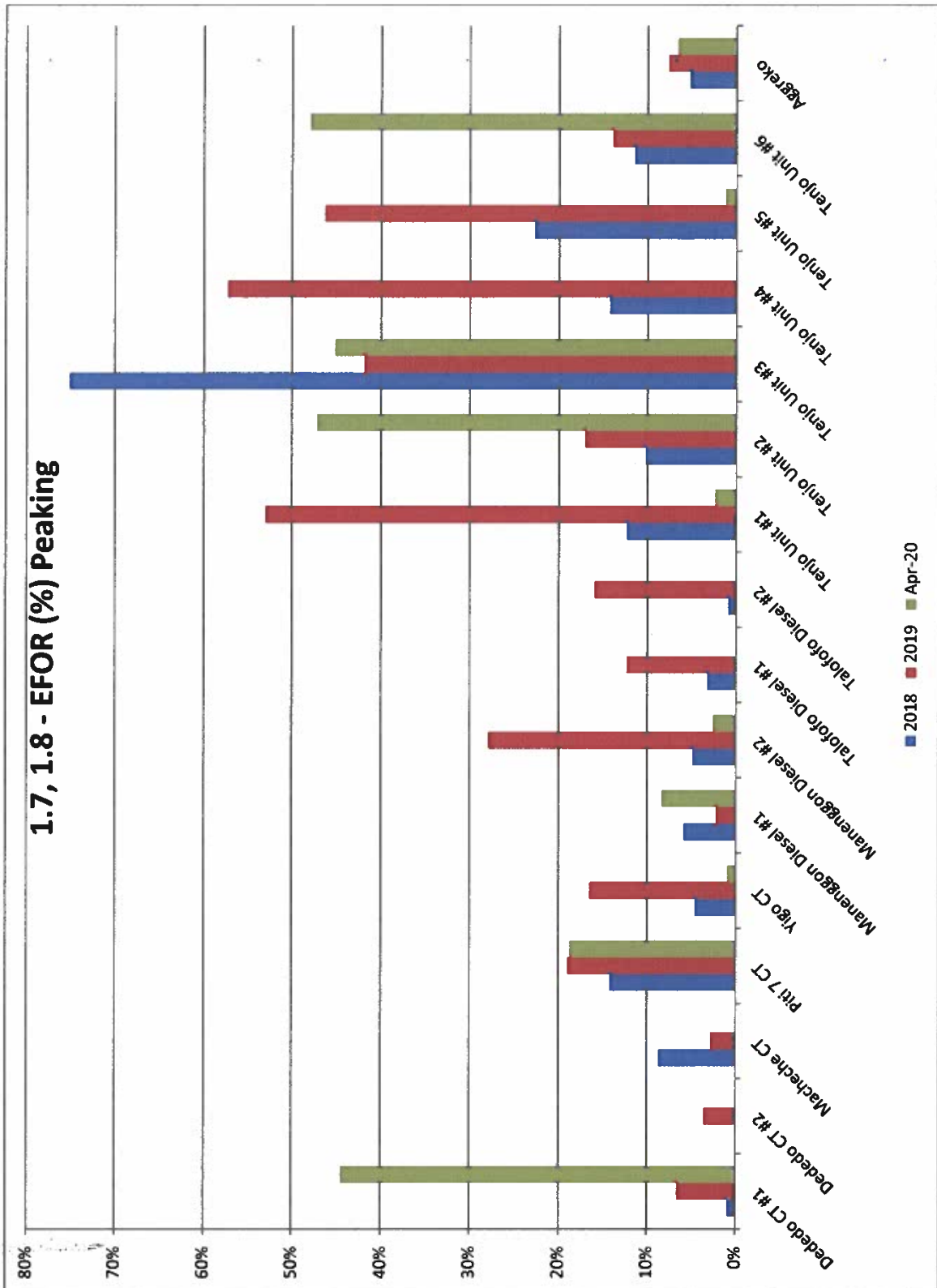
ATTACHMENT #4



ATTACHMENT #5



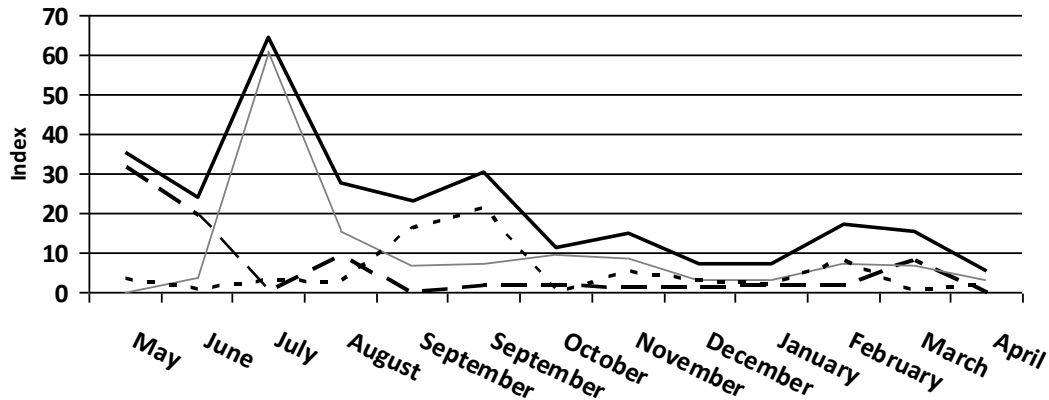
ATTACHMENT #6



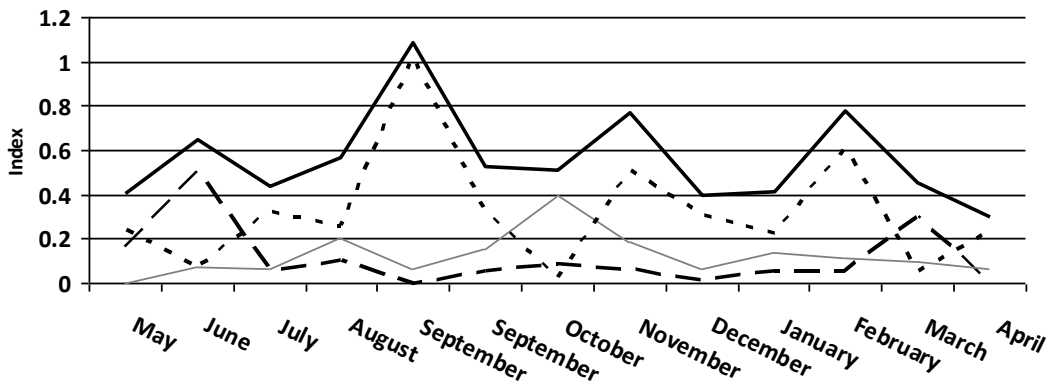
ATTACHMENT #7



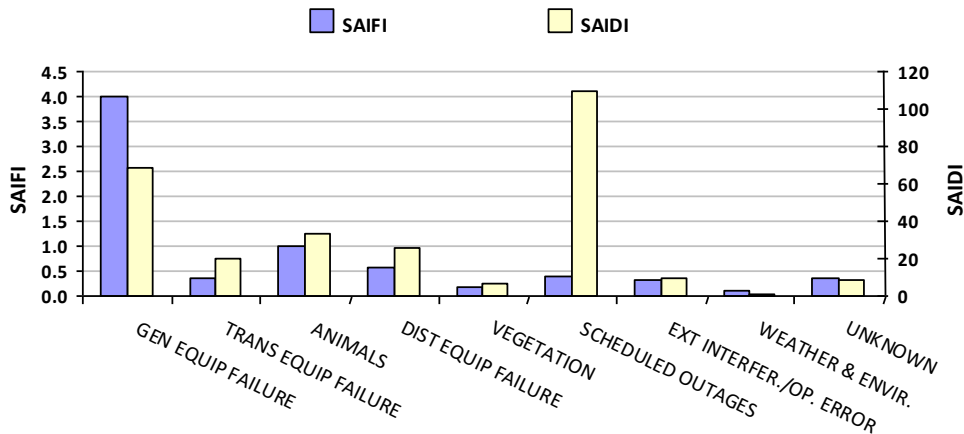
(Item 1.1,1.2,1.5) April 2020 SAIDI = 285.02 ↓ (293.18)



(Item 1.1,1.2,1.5) April 2020 SAIFI = 7.30 ↓ (7.69)

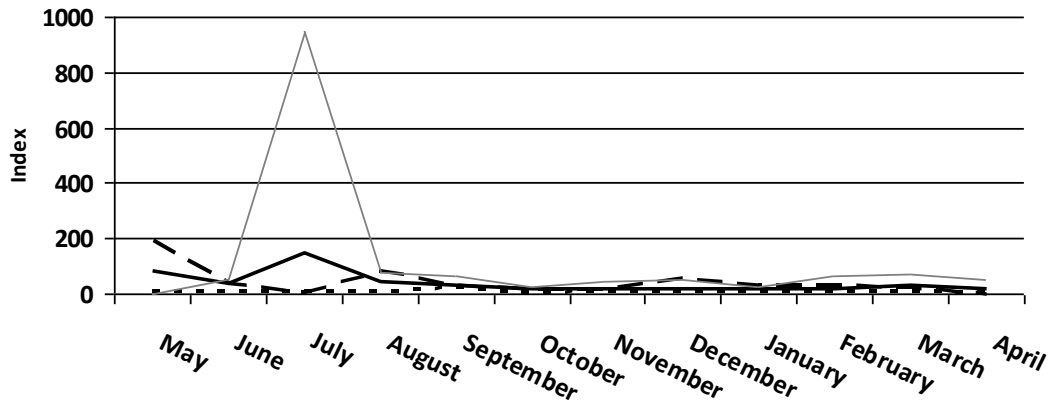


(Item 1.9) 12-Month Cause Contributions to Reliability



GEN EQUIP FAILURE
F:52.5% D:24.2%
TRANS EQUIP FAILURE
F:4.8% D:6.9%
ANIMALS
F:13.8% D:11.7%
DIST EQUIP FAILURE
F:7.4% D:9.0%
VEGETATION
F:2.8% D:2.5%
SCHEDULED OUTAGES
F:6.9% D:38.5%
EXT INTERFER./OP. ERROR
F:5.0% D:3.5%
WEATHER & ENVIR.
F:1.5% D:0.4%
UNKNOWN
F:5.2% D:3.2%

As of April 30, 2020

(Item 1.1,1.2,1.5) April 2020 CAIDI = 39.04 ↑ (38.14)

ALL

GEN=16.73

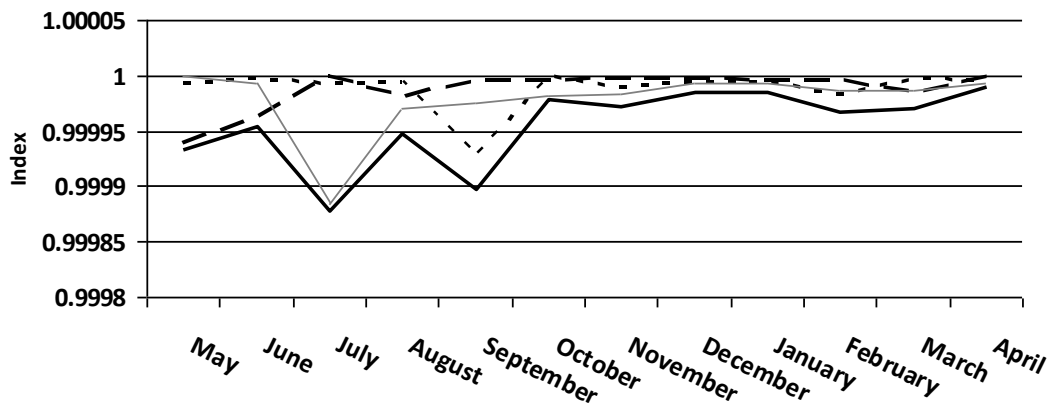
(16.35) ↑

TRANS=53.79

(51.86) ↑

DIST=83.99

(84.38) ↓

(Item 1.1,1.2,1.5) April 2020 ASAI = 0.9995 ↑ (0.9994)

ALL

GEN=0.9999

(0.9999) UNC*

TRANS=0.9999

(0.9998) ↑

DIST=0.9997

(0.9997) UNC*

(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P340	11
2	P294	10
3	P261	8
4	P271	6
5	P301	6

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
568	350	218

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Overhead Equipment	34
2	Wind	22
3	Snakes	16
4	Vegetation	15
5	Substation Equipment	7

(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
90.43	5.06	17.85

GPA Work Session - May 21, 2020 - DIVISION REPORTS

ENGINEERING WORK ORDERS

Engineering Work Order Summary - April 2020	
Work Orders Received from CSR	60
Work Orders Processed & Released to T&D	44
Work Orders Processed & Released to CSR	1
Work Orders Cancelled	0
Work Orders Pending Survey	29
Total Pending WO at Engineering	448

Engineering Large Customer and Net Metering Tracking						
Date Received	Customer Name	Work Order Numbers	Location	KVA	Meter Qty	Status
12/20/2013	CoreTech International	Multiple	Dededo	300	48	Lada Estates, 450 kVA, Phase I, II and III are 100% Completed - 308 units energized. Phase IV currently in Construction phase, 80% completed.
1/27/2015	TG Engineers	422182-85, 90-93, 96-98	Agana Heights	100	11	10 Unit Apartment, 100 kVA, 80% Completed. Work currently on hold.
5/13/2015	CoreTech International Towers, Tower 101, 102, 103, and 104	426021	Tamuning	3,300	45	New condominiums, 2-1500kVA and 1 300 kVA, Tower 101, 102, 103 and the community center are 100% Completed. Work on Tower 104 is ongoing and is 66% Completed.
6/1/2017	New Underground Line (P-047)	466064	Tumon	1,500	1	New Underground line 99% completed, Riser terminated. Mandrelling completed on completed sections. T&D started pulling wire and installing splices in August 2019. Pending final outage at SV1A and SV1B.
3/1/2018	Docomo Pacific Inc., New Data Center	Pending Application	Talofofo	3,000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Still in Design Phase.
12/13/18	Simpson, Henry M	466907, 8, 466658	Santa Rita			New Subdivision. Design Ongoing. Demand load pending completion of subdivision design.
10/10/18	Don Sadwahni	465341	Harmon	2,000	1	New Industrial Subdivision, Inspection of civil work only, Proposed 12 Pad Mounted Xfmrs 95% Completed.
11/19/18	TNN Guam Primary Meter	466064	Tumon	1,500	1	Permanent primary meter for Tsubaki Hotel and Nikko Hotel (1500 + 3000kVA Nikko), 100% Completed and released to T&D.
10/01/19	Don Don Donkey "Don Quijote" Shopping Center	Pending Application	Tamuning	2,000	1	New Shopping Center at the intersection of Route 1 and 10A. Permitting phase.
12/01/19	GTA Landing Site	Pending Application	Piti	2,000	1	New Landing station, 30% completed, 2000 kVA, Clearance issues need to be resolved.
12/01/19	Pacific Unlimited Inc. (Cold Storage)	471784	Tiyan	2,000	1	New Cold Storage, 10% Completed, Temp Power installed, 2000kVA.
12/01/19	Irownwood Villa Del Mar Phase II	Multiple Applications	Toto	440	88	New 88 Unit Apartment complex, 10% Completed, multiple xfmrs.
02/25/20	The Church of Jesus Christ LDS	474921	Yigo	750	1	New Church across Yigo Substation, 25% completed, 750 kVA.
03/11/20	Citi Development & Construction	478020-23, 25, 27-30	Tamuning	60	10	New 10 Unit Town Homes, 100 kVA.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		1	Pending Net Metering Customers as of April 30, 2019.
Total				18,950	211	

Infrared Inspection Worksheet

	Circuit	Last Infrared Inspection	
		Fiscal Year	Quarter
1	X065-X183	FY2017	4
2	X038-X124	FY2017	4
3	X123-X143	FY2017	4
4	H710/H760 - H502	FY2017	4
5	X023-X043	FY2017	4
6	X087-X073	FY2018	1
7	X247-X140		
8	X082-X160	FY2017	4
9	X020-X311-X336	FY2017	4
10	X039-X250	FY2018	1
11	X161-X070		
12	X006-X015/X016		
13	X024-X110	FY2017	4
14	X054-X246	FY2017	4
15	X056-X185		
16	X394-X126		
17	X173-X245		
18	H322/H326 - H401/H404		
19	H342/H346 - H402/H403		
20	H362/H366 - H750/H760		
21	H403/H404 - H602	FY2017	4
22	H612 - H501	FY2017	4
23	X021-X315-X334		
24	X022-X037-X190	FY2017	4
25	X036-X305		
26	X040-X112	FY2017	4
27	X045-X055		
28	X053-X209	FY2017	4
29	X081-X178		
30	X088-X151/X154	FY2017	4
31	X134-X180		
32	X150/X152-X221		
33	X214-X263		
34	X222-X067	FY2017	4
35	X150/X155-X071		
36	X080-X260		
37	X086-X101		
38	X093-X103		
39	X097-X227		
40	X098-X130		
41	X133-X170		
42	X174-X175		
43	X210-X226		
44	X301-X324		
45	X309-X326		

Top 10 Worst Circuits
Underground Circuits

Infrared Inspection Worksheet

	Sector	Circuit	Last Infrared Inspection	
			Fiscal Year	Quarter
1	North	P332	FY2019	4
2		P403		
3		P089		
4		P244		
5		P111		
6		P271	FY2017	4
7		P330		
8		P322	FY2019	4
9		P270		
10		P046	FY2018	1
11		P087		
12		P321	FY2019	4
13		P088	FY2017	4
14		P331		
15		P323	FY2019	4
16		P245		
17		P272		
18		P240		
19		P242		
20	Central	P212	FY2019	4
21		P213	FY2019	4
22		P202	FY2019	4
23		P201	FY2019	4
24		P210	FY2019	4
25		P007		
26		P250	FY2019	4
27		P205	FY2019	4
28		P206	FY2019	4
29		P203	FY2019	4
30		P253	FY2019	4
31		P283	FY2019	4
32		P280	FY2019	4
33		P311	FY2019	4
34		P007		
35		P211	FY2019	4
36		P202	FY2019	4
37		P251	FY2019	4
38		P252	FY2019	4
39		P201		
40		P282	FY2019	4
41		P310	FY2019	4
42		P204	FY2019	4
43		P312	FY2019	4
44		P281	FY2019	4
45		P400		
46	South	P340	FY2019	4
47		P261	FY2019	4
48		P221	FY2019	4
49		P294	FY2019	4
50		P341	FY2019	4
51		P005	FY2019	4
52		P260		
53		P003	FY2019	4
54		P220	FY2019	4
55		P298		
56		P262	FY2019	4
57		P223	FY2019	4
58		P301	FY2019	4
59		P005		
60		P260	FY2019	4

Top 10 Worst Circuits

NET METERING

April 2020

	<u>Quantity</u>	<u>Connected kVA</u>
Completed	2,081	23,927
Pending	1	7
Grand Total	2,082	23,934

Rate Class and Technology			
Technology	Schedule	Customer Count	Total kW
Solar Energy	R - Residential	1,959	18,528.49
	J - Gen Service Dmd	49	2,829.13
	K - Small Gov Dmd	9	317.80
	L - Large Government	2	122.80
	P - Large Power	7	640.70
	G - Gen Serv Non-Dmd	46	1,405.76
	S - Sm Gov Non-Dmd	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		2,081	23,927.08

Projection Date Ending 12/31/2020					
Customer Rate Class	Sum of Size (kW)	*Annual Projected kWh Generated	Non-Fuel Yield \$/kWh	Estimated Annual Revenue Loss	
R	18,532.09	30,565,175	0.087492 \$	2,674,209.14	
J	2,829.13	4,666,005	0.125682 \$	586,432.96	
K	317.80	518,889	0.133883 \$	69,470.44	
L	122.80	203,743	0.129809 \$	26,447.73	
P	640.70	1,056,495	0.109950 \$	116,161.70	
G	1,405.76	2,328,743	0.145397 \$	338,592.37	
S	78.80	125,245	0.147902 \$	18,524.03	
Grand Total	23,927.08	39,464,296		\$ 3,829,838.38	

*Estimated number of hours from NREL for Guam (13.4 degrees North and 144 degrees East).

Estimated Annual Revenue Loss		
Year	Estimated kWh	*Total Estimated Cost
2019	36,806,287	\$ 3,546,649.04
2018	34,981,036	\$ 3,521,130.12
2017	28,242,917	\$ 2,828,834.71
2016	21,867,383	\$ 2,200,794.56
2015	7,383,621	\$ 856,921.27
2014	3,137,212	\$ 410,558.94
2013	1,556,949	\$ 178,996.00
2012	494,672	\$ 58,545.89
2011	170,070	\$ 18,177.13
2010	98,830	\$ 8,483.27
2009	23,912	\$ 1,656.87

*Source for effective yield rate from the Year End Revenue Reports (12 month Average Yield)

NET METERING

April 2020

Customer Count and Connected kW by Feeder					
Status	Feeder	Net Metering Connected kW	Customer Count	% of Feeder Maximum kW	% of Feeder Minimum Daytime kW
Completed	P-005	302.73	27	17.5%	35.2%
	P-046	300.29	36	7.1%	10.8%
	P-088	731.72	78	12.2%	19.2%
	P-089	627.97	77	14.0%	33.8%
	P-111	190.00	3	3.5%	6.2%
	P-203	553.89	42	7.4%	21.0%
	P-204	150.38	17	3.2%	6.6%
	P-205	44.00	5	0.9%	1.6%
	P-210	612.14	58	12.0%	16.2%
	P-212	1,086.12	105	26.3%	68.0%
	P-213	322.13	13	12.3%	16.5%
	P-220	187.22	21	30.7%	96.5%
	P-221	598.28	61	13.6%	27.1%
	P-223	554.95	60	23.3%	33.3%
	P-240	58.55	2	0.9%	7.9%
	P-245	242.60	5	4.8%	10.4%
	P-250	1,363.06	126	21.0%	36.8%
	P-251	145.50	7	5.9%	9.0%
	P-253	611.03	61	13.6%	21.5%
	P-262	1,144.89	115	30.1%	72.1%
	P-270	482.77	41	9.5%	19.1%
	P-271	323.37	18	5.5%	11.7%
	P-272	280.91	20	11.0%	24.9%
	P-280	371.54	30	20.7%	38.4%
	P-281	204.90	5	7.3%	20.4%
	P-282	31.75	4	0.8%	2.6%
	P-283	666.95	59	18.4%	31.6%
	P-294	1,295.43	122	29.9%	59.3%
	P-301	233.76	24	16.5%	29.4%
	P-311	1,098.11	63	27.5%	47.1%
	P-322	2,108.43	118	27.8%	55.2%
	P-323	316.52	21	6.7%	20.8%
	P-330	689.01	86	12.7%	25.5%
	P-331	827.91	91	13.1%	21.2%
	P-332	687.24	72	12.2%	17.8%
	P-340	560.12	50	30.9%	68.0%
	P-087	1,512.52	151	38.5%	60.3%
	P-252	599.13	32	14.2%	29.0%
	P-321	374.86	35	6.7%	7.5%
	P-260	99.76	10	14.5%	49.9%
	P-067	86.20	10	1.0%	1.3%
	P-312	82.24	5	4.9%	5.7%
	P-206	26.08	3	2.7%	4.8%
	P-242	23.75	2	0.4%	1.1%
	P-310	181.57	8	6.6%	12.1%
	P-261	492.62	53	17.8%	30.6%
	P-201	115.86	10	3.3%	5.8%
	P-007	85.86	8	11.9%	25.3%
	P-244	36.56	2	2.1%	2.1%
	P-202	39.50	3	1.2%	2.9%
	P-341	4.30	1	0.4%	1.6%
	P-401	117.00	2	10.3%	17.3%
	P-400	43.14	3	4.5%	4.6%
Completed Total		23,927.08	2,081		
pending	Pending	7.31	1	0.0%	0.0%
pending Total		7.31	1	0.0%	0.0%
Grand Total		23,934.39	2,082		

	Feeders highlighted in red indicates renewable energy capacity has exceeded 25% of feeder maximum load.
	Feeders highlighted in yellow indicates renewable energy capacity has reached 75% of minimum daytime load.

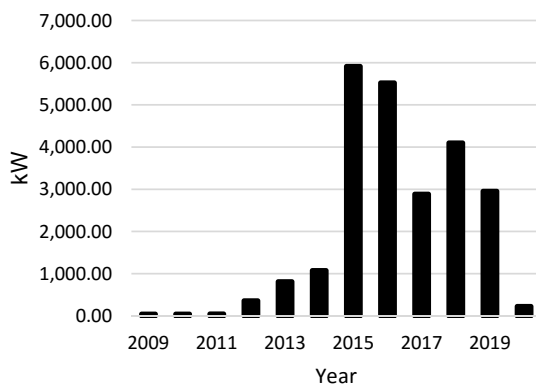
NET METERING

April 2020

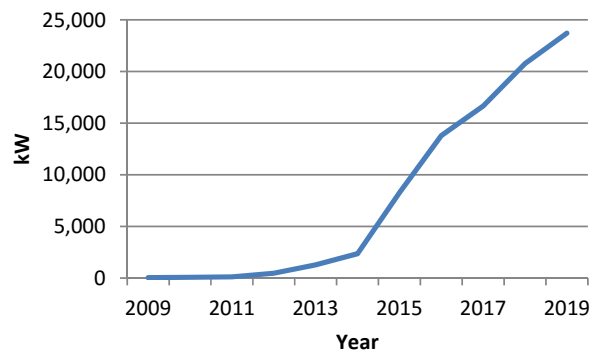
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	354.61	474.88
2013	808.15	1,283.03
2014	1,072.04	2,355.07
2015	5,908.91	8,263.98
2016	5,518.63	13,782.60
2017	2,880.40	16,663.00
2018	4,095.63	20,758.63
2019	2,949.09	23,707.72
2020	219.36	23,927.08
Grand Total	23,927.08	

Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	6	15
2012	27	42
2013	66	108
2014	94	202
2015	562	764
2016	530	1,294
2017	297	1,591
2018	291	1,882
2019	186	2,068
2020	13	2,081
Grand Total	2,081	

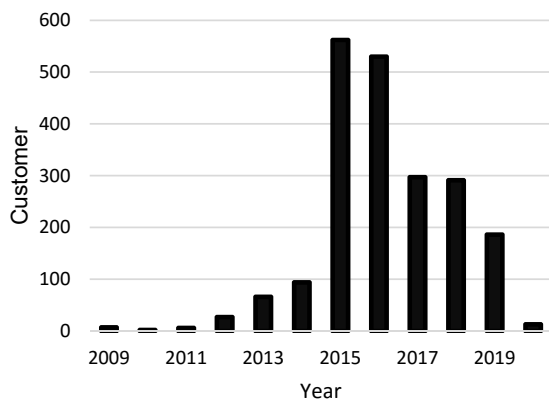
Yearly Installed kW



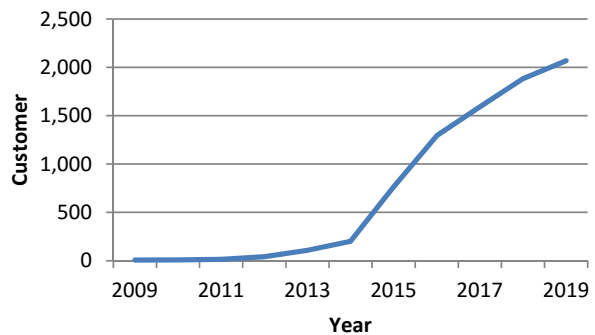
Cumulative Installed kW



Yearly Connected Customer Count



Cumulative Connected Customer Count





Production Data
30-Apr-20

SYSTEM											
YEAR	MONTH	# of DAYS	GROSS GENERATION	FUEL CONSUMPTION		GROSS FUEL EFFICIENCY (Target ≥ 15.99 kWh/gal)	COST per GROSS kWh	GROSS HEAT RATE (Baseloads) PUC Target less than 9,600	GROSS HEAT RATE (Peaking) PUC Target less than 13,600	Ave. MW	Peak MW
				(gal)	(bbl)						
2017	Sept	30	143,990,208	10,309,304	245,460	13.97	\$ 0.1152	9,541.20	13,107.05	200	254
	Oct	31	147,122,071	9,774,857	232,735	15.05	\$ 0.1079	9,590.71	11,375.81	198	254
	Nov	30	147,284,781	9,783,352	232,937	15.05	\$ 0.1061	9,563.85	11,257.17	205	253
	Dec	31	151,600,064	9,925,003	236,310	15.27	\$ 0.1122	9,607.13	11,035.82	204	250
2018	Jan	31	147,704,057	9,563,641	227,706	15.44	\$ 0.1078	9,755.40	11,029.21	199	246
	Feb	28	131,329,470	8,660,044	206,192	15.16	\$ 0.1150	9,763.94	11,125.15	195	241
	Mar	31	144,370,550	9,889,634	235,467	14.60	\$ 0.1345	9,183.77	11,853.09	194	244
	Apr	30	142,493,891	9,636,757	229,447	14.79	\$ 0.1232	9,558.86	11,901.02	198	247
	May	31	151,201,454	10,120,017	240,953	14.94	\$ 0.1342	9,549.70	11,703.13	203	249
	June	30	142,902,259	9,674,924	230,355	14.77	\$ 0.1399	9,563.51	11,494.36	198	246
	July	31	139,718,862	9,726,750	231,589	14.36	\$ 0.1468	9,647.53	11,909.20	188	242
	Aug	31	141,640,237	9,834,936	234,165	14.40	\$ 0.1437	9,817.09	13,623.96	190	238
	Sept	30	129,965,486	9,303,709	221,517	13.97	\$ 0.1526	9,383.54	13,625.29	181	240
	Oct	31	149,090,501	10,752,842	256,020	13.87	\$ 0.1592	9,870.49	12,783.94	200	243
	Nov	30	139,840,706	9,348,494	222,583	14.96	\$ 0.1446	9,772.22	12,091.07	194	241
	Dec	31	144,799,157	9,756,460	232,297	14.84	\$ 0.1497	9,443.41	11,943.41	195	237
2019	Jan	31	134,551,799	9,056,271	215,626	14.86	\$ 0.1172	9,677.80	11,506.72	181	224
	Feb	28	122,596,954	8,257,791	196,614	14.85	\$ 0.1152	9,592.63	11,923.40	182	226
	Mar	31	139,964,506	9,489,626	225,943	14.75	\$ 0.1309	9,586.39	12,331.54	188	234
	Apr	30	143,583,892	9,385,611	223,467	15.30	\$ 0.1249	9,597.50	11,794.45	199	244
	May	31	154,541,037	10,653,233	253,648	14.51	\$ 0.1378	9,854.93	12,008.47	208	254
	June	30	152,035,851	10,394,927	247,498	14.63	\$ 0.1378	9,756.34	11,985.93	211	255
	July	31	151,991,559	10,148,056	241,620	14.98	\$ 0.1230	9,789.72	11,505.06	204	251
	Aug	31	147,598,476	9,960,397	237,152	14.82	\$ 0.1259	9,622.68	11,430.55	198	253
	Sept	30	139,744,390	9,678,417	230,438	14.44	\$ 0.1259	10,019.86	11,676.24	194	243
	Oct	31	147,131,892	9,789,114	233,074	15.03	\$ 0.1294	9,742.17	12,670.15	198	247
	Nov	30	144,772,854	10,312,356	245,532	14.04	\$ 0.1437	9,631.16	12,353.82	201	245
	Dec	31	143,448,641	9,483,024	225,786	15.13	\$ 0.0993	9,649.19	11,794.69	193	236
2020	Jan	31	138,041,863	9,188,575	218,776	15.02	\$ 0.1286	9,706.87	11,592.61	186	227
	Feb	29	128,740,982	8,519,225	202,839	15.11	\$ 0.1226	9,833.72	11,408.84	192	230
	Mar	31	137,889,276	9,112,959	216,975	15.13	\$ 0.1034	9,421.93	11,671.89	185	233
	Apr	20	133,331,694	8,843,365	210,556	15.08	\$ 0.0847	9,991.96	11,780.63	185	228

GPA Work Session - May 21, 2020 - DIVISION REPORTS

T&D Vegetation Management

Percent Completion (per Sector Feeder)

Note: Feeders priority listing based on outages due to vegetation

Northern Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P332	6,830	19,600	9,561	427%
P322	7,265	930	4,800	79%
P330	2,635	320	12,599	490%
P087	4,245	4,870		115%
P046	1,245	360		
P321	4,045	550		
P088	3,310	720		
P089	670	490		73%
P331	1,925	440		23%
P323	2,810			
P271	50	1,405		2810%
P270	300	1,595		532%
P245	1,660	1,860		112%
P272	150	430		287%
P111	500	475		95%
P244	920	940		102%
P240	430	430		100%
P242	290	160		55%
Total	39,280	35,575	26,960	159%

Central Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P250	33,290	17,010	10,392	82%
P212	17,560	1,685		10%
P253	15,240	1,390		
P283	2,230	1,265	7,000	371%
P210	10,120	1,100		11%
P280	1,675	1,330		79%
P311	1,360	210		
P007	778	145		
P211	6,050	330		
P202	420	640		
P251	280			
P213	3,500	190		
P252	1,520	600	4,586	341%
P201	100	30		
P203	370			
P282	525	80		
P310	370	100		27%
P205	350	100		
P206	140	250		
P204	530	20		
P312	200	160		
P281	525			
P400	150			
Total	97,283	26,635	21,978	50%

Southern Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P294	9,430	2,805	22,801	272%
P261	4,930	4,070	9,939	284%
P340	13,240	2,260	27,675	226%
P262	5,185	1,795	19,236	406%
P221	1,570	3,545		226%
P223	2,500	7,025		281%
P341	880	2,335	450	316%
P301	19,915	2,224	1,675	20%
P005	990	400		40%
P220	1,250	580		46%
P260	12,630	2,650		21%
Total	72,520	29,689	81,776	154%



GUAM POWER AUTHORITY

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GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW March 2020

Attached are the financial statements and supporting schedules for the month and fiscal year ended March 31, 2020.

Summary

The increase in net assets for the month ended was \$1.8 million as compared to the anticipated net decrease of \$0.9 million projected at the beginning of the year. The total kWh sales for the month was 5.31% less than projected and non-fuel revenues were 4.03% less than the estimated amounts. O & M expenses for the month were \$5.6 million which was \$0.3 million less than our projections for this year. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$2.6 million, which was \$0.7 million less than projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	2.62	2.58	2
Days in Receivables	37	41	52
Days in Payables	26	25	30
LEAC (Over)/Under Recovery Balance -YTD	\$2,243,000	\$1,803,778	\$1,806,058
T&D Losses	5.41%	5.38%	<7.00%
Debt Service Coverage	1.54	1.55	1.75
Long-term equity ratio	1.98%	2.33%	30 – 40%
Days in Cash	200	199	60

The Quick Ratio has been a challenge for GPA historically. However, the influx of cash from insurance proceeds continued to improve this ratio. GPA has current obligations of approximately \$79 million and approximately \$203 million in cash and current receivables. The LEAC over-recovery for the month was \$0.4 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

Financial Statements
March 2020

Significant Assumptions

The significant assumptions in the financial statements are as follows:

- Accrual cutoff procedures were performed at month end
- An inventory valuation is performed at year-end only
- Accounts Receivable includes accruals based on prior months' usage.

Prepared by:



Lenora M. Sanz
Controller

Reviewed by:



John J.E. Kim
Chief Financial Officer

Approved by:



John M. Benavente, P.E.
General Manager

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Net Position March 31, 2020 and September 30, 2019			
	Unaudited March 2020	Unaudited September 2019	Change from Sept 30 2019
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 27,178,825	\$ 33,053,886	\$ (5,875,061)
Bond indenture funds	24,243,914	29,168,116	(4,924,202)
Held by Guam Power Authority:			
Bond indenture funds	159,074,095	154,027,791	5,046,304
Self insurance fund-restricted	19,456,211	19,378,387	77,824
Energy sense fund	356,752	333,528	23,224
Total cash and cash equivalents	230,309,797	235,961,708	(5,651,911)
Accounts receivable, net	42,116,721	41,867,589	249,132
Total current receivables	42,116,721	41,867,589	249,132
Materials and supplies inventory	14,571,219	12,521,306	2,049,913
Fuel inventory	41,401,065	41,214,022	187,043
Prepaid expenses	7,129,980	2,066,278	5,063,702
Total current assets	335,528,782	333,630,903	1,897,879
Utility plant, at cost:			
Electric plant in service	1,087,091,722	1,084,434,067	2,657,655
Construction work in progress	45,225,204	37,592,719	7,632,485
Total	1,132,316,926	1,122,026,786	10,290,140
Less: Accumulated depreciation	(651,229,504)	(633,190,295)	(18,039,209)
Total utility plant	481,087,422	488,836,491	(7,749,069)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,529,914	48,599,853	(69,939)
Unamortized debt issuance costs	2,086,988	2,221,160	(134,172)
Total other non-current assets	50,616,902	50,821,013	(204,111)
Total assets	867,233,106	873,288,407	(6,055,301)
Deferred outflow of resources:			
Deferred fuel revenue	1,803,778	9,943,732	(8,139,954)
Unamortized loss on debt refunding	23,592,924	24,733,104	(1,140,180)
Pension	8,932,987	8,932,987	0
Other post employment benefits	13,798,017	13,798,017	0
Unamortized forward delivery contract costs	238,958	318,638	(79,680)
Total deferred outflows of resources	48,366,664	57,726,478	(9,359,814)
	\$ 915,599,770	\$ 931,014,885	\$ (15,415,115)

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued March 31, 2020 and September 30, 2019			
	Unaudited March 2020	Unaudited September 2019	Change from Sept 30 2019
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 20,515,000	\$ 16,130,000	\$ 4,385,000
Current obligations under capital leases	3,304,531	3,304,531	0
Accounts payable			
Operations	26,365,005	27,385,427	(1,020,422)
Others	344,045	23,036	321,009
Accrued payroll and employees' benefits	3,006,638	2,348,815	657,823
Current portion of employees' annual leave	2,303,452	2,153,583	149,869
Interest payable	14,293,355	14,733,265	(439,910)
Customer deposits	8,379,939	8,912,096	(532,157)
Total current liabilities	<u>78,511,965</u>	<u>74,990,753</u>	<u>3,521,212</u>
Regulatory liabilities:			
Provision for self insurance	19,345,291	19,345,291	0
Total regulatory liabilities	<u>19,345,291</u>	<u>19,345,291</u>	<u>0</u>
Long term debt, net of current maturities	562,488,590	584,892,990	(22,404,400)
Obligations under capital leases, net of current portion	3,451,930	7,664,664	(4,212,734)
Net Pension liability	71,117,117	72,866,989	(1,749,872)
Other post employment benefits liability	145,955,861	145,955,861	0
DCRS sick leave liability	1,331,151	1,331,151	0
Employees' annual leave net of current portion	1,204,085	1,204,085	0
Customer advances for construction	395,462	394,540	922
Total liabilities	<u>883,801,452</u>	<u>908,646,324</u>	<u>(24,844,872)</u>
Deferred inflows of resources:			
Unearned forward delivery contract revenue	876,027	1,168,036	(292,009)
Pension	3,532,642	3,532,642	0
Other post employment benefits	14,804,043	14,804,043	0
Total deferred inflows of resources	<u>19,212,712</u>	<u>19,504,721</u>	<u>(292,009)</u>
Commitments and contingencies			
Net Position:			
Net investment in capital assets	(36,294,263)	(45,782,266)	9,488,003
Restricted	52,519,735	51,357,358	1,162,377
Unrestricted	(3,639,867)	(2,711,253)	(928,614)
Total net position	<u>12,585,605</u>	<u>2,863,840</u>	<u>9,721,767</u>
	<u>\$ 915,599,770</u>	<u>\$ 931,014,885</u>	<u>\$ (15,415,115)</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	March 31		% of change Inc (dec)	Six Months Ended March 31		% of change Inc (dec)
	Unaudited 2020	Unaudited 2019		Unaudited 2020	Unaudited 2019	
Revenues						
Sales of electricity	\$ 29,006,637	\$ 32,942,764	(12)	\$ 185,735,720	\$ 195,127,912	(5)
Miscellaneous	212,437	133,765	59	1,146,817	2,176,642	(47)
Total	29,219,074	33,076,529	(12)	186,882,537	197,304,554	(5)
Bad debt expense	(90,917)	(91,500)	(1)	(545,502)	(549,000)	(1)
Total revenues	29,128,157	32,985,029	(12)	186,337,035	196,755,554	(5)
Operating and maintenance expenses						
Production fuel	15,967,811	19,017,131	(16)	107,439,423	116,436,319	(8)
Other production	1,574,476	1,373,749	15	8,302,607	7,452,423	11
	17,542,287	20,390,880	(14)	115,742,030	123,888,742	(7)
Depreciation	3,102,807	3,010,419	3	18,749,774	18,874,664	(1)
Energy conversion cost	1,045,794	965,261	8	6,372,599	7,850,734	(19)
Transmission & distribution	1,003,988	1,104,822	(9)	6,415,911	5,513,447	16
Customer accounting	501,209	479,928	4	2,666,416	2,642,472	1
Administrative & general	2,552,901	2,818,871	(9)	15,181,056	15,412,900	(2)
Total operating and maintenance expenses	25,748,986	28,770,181	(11)	165,127,786	174,182,959	(5)
Operating income	3,379,171	4,214,848	(20)	21,209,249	22,572,595	(6)
Other income (expenses)						
Interest income	667,728	699,259	(5)	2,069,006	2,390,436	(13)
Interest expense and amortization	(2,305,096)	(2,438,409)	(5)	(13,898,012)	(14,480,655)	(4)
Bond issuance costs	89,228	88,022	1	535,368	527,132	2
Bid bond forfeiture	0	0	0	0	(1,245,000)	0
Allowance for funds used during construction	0	0	0	0	0	0
Losses due to typhoon	0	(324,817)	0	(168,101)	(609,915)	0
Other expense	(4,291)	(4,291)	0	(25,746)	(25,746)	0
	0	0				
Total other income (expenses)	(1,552,431)	(1,980,236)	(22)	(11,487,485)	(13,443,748)	(15)
Income (loss) before capital contributions	1,826,740	2,234,612	(18)	9,721,764	9,128,847	6
Capital contributions	0	186,700	0	0	215,537	0
Increase (decrease) in net assets	1,826,740	2,421,312	(25)	9,721,764	9,344,384	4
Total net assets at beginning of period (restated)	10,758,864	(11,385,578)	0	2,863,840	(18,308,650)	(116)
Total net assets at end of period	\$ 12,585,604	\$ (8,964,266)	(240)	\$ 12,585,604	\$ (8,964,266)	(240)

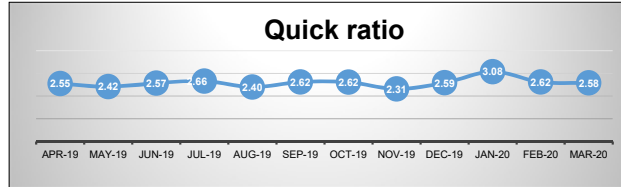
GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows Period Ended March 31, 2020		
	Month Ended 3/31/2020	YTD Ended 3/31/2020
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	\$56,635,549	\$ 186,039,738
Cash payments to suppliers and employees for goods and services	<u>36,596,939</u>	<u>146,283,059</u>
Net cash provided by operating activities	\$20,038,610	39,756,679
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	<u>923,822</u>	<u>2,069,006</u>
Net cash provided by investing activities	923,822	2,069,006
Cash flows from non-capital financing activities		
Interest paid on short term debt	(39,055)	(77,278)
Provision for self insurance funds	<u>(29,416)</u>	<u>(77,824)</u>
Net cash provided by noncapital financing activities	(68,471)	(155,102)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(3,042,274)	(11,000,703)
Principal paid on bonds and other long-term debt	-	(16,130,000)
Interest paid on bonds(net of capitalized interest)	-	(14,014,000)
Interest paid on capital lease obligations	(63,929)	(246,644)
Interest & principal funds held by trustee	(8,354,675)	5,875,061
Reserve funds held by trustee	52,338	69,939
Bond funds held by trustee	2,660,894	4,924,202
Principal payment on capital lease obligations	(1,432,604)	(4,212,734)
Grant from DOI/FEMA	-	-
Debt issuance costs/loss on defeasance	(629,800)	(1,889,400)
Net cash provided by (used in) capital and related financing activities	<u>(10,810,050)</u>	<u>(36,624,279)</u>
Net (decrease) increase in cash and cash equivalents	10,083,910	5,046,304
Cash and cash equivalents, beginning	<u>148,990,185</u>	<u>154,027,791</u>
Cash and cash equivalents-Funds held by GPA, March 31, 2020	\$ 159,074,095	\$ 159,074,095

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows, continued Period Ended March 31, 2020		
	Month Ended 3/31/2020	YTD Ended 3/31/2020
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	\$6,238,736	\$21,209,249
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	6,311,338	18,749,774
Other expense	166,586	341,521
(Increase) decrease in assets:		
Accounts receivable	1,495,843	(249,132)
Materials and inventory	(611,598)	(2,049,913)
Fuel inventory	(5,726,214)	(187,043)
Prepaid expenses	1,133,118	(5,063,702)
Unamortized debt issuance cost	44,724	134,172
Deferred fuel revenue	389,840	8,139,954
Unamortized loss on debt refunding	380,060	1,140,180
Unamortized forward delivery contract costs	26,560	79,680
Increase (decrease) in liabilities:		
Accounts payable-operations	10,933,796	(1,020,422)
Accounts payable-others	(878,090)	297,785
Accrued payroll and employees' benefits	893,759	657,823
Net pension liability	(666,491)	(1,749,872)
Employees' annual leave	122,748	149,869
Customers deposits	(121,246)	(532,157)
Customer advances for construction	2,477	922
Unearned forward delivery contract revenue	(97,336)	(292,009)
Net cash provided by operating activities	\$20,038,610	\$ 39,756,679

**Guam Power Authority
Financial Analysis
03/31/20**

Quick Ratio

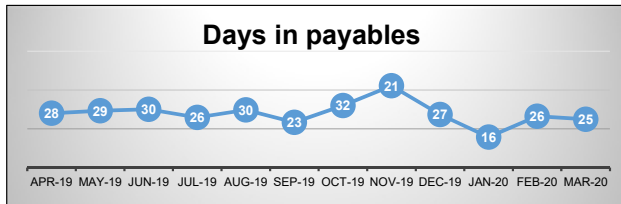
A	Reserve Funds Held by GPA	159,074,095
B	Current Accounts Receivable	43,597,569
C	Total Cash and A/R (A+B)	202,671,664
D	Total Current Liabilities	78,511,965
E	Quick Ratio (F/G)	2.58

**Days in Receivables**

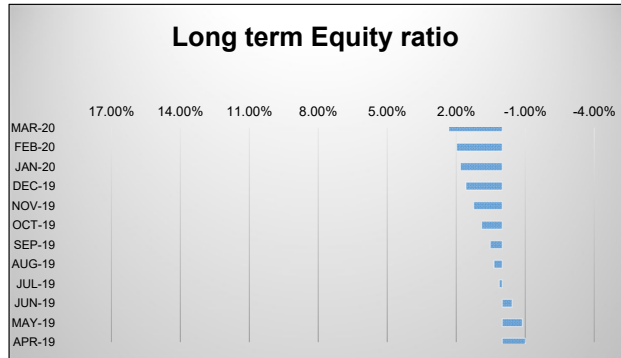
A	FY 20 Moving 12 Mos.-Actual	390,340,621
B	No. of Days	365
C	Average Revenues per day (A/B)	1,069,426
D	Current Accounts Receivable	43,597,569
E	Days in Receivables (D/C)	41

**Days in Payables**

A	FY 20 Moving 12 Months-Actual	391,361,876
B	No. of Days	365
C	Average Payables per day (A/B)	1,072,224
D	Current Accounts Payables	26,709,049
E	Days in Payables (D/C)	25

**Long term equity ratio**

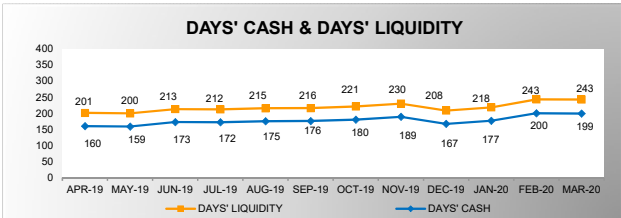
A	Equity	\$ 12,585,605.00
B	Total Long term Liability	\$ 528,344,667.00
C	Total Equity and liability	\$ 540,930,272.00
D	Long term equity ratio (A/C)	2.33%

**Days cash on hand**

A	Unrestricted cash & cash equivalents	159,074
B	No. of Days -YTD	183
C	A x B	29,110,559
D	Total Operating expenses excluding depreciation	146,375
E	Days cash on hand	199

Days' Liquidity

A	Unrestricted cash , cash equivalents & revolving C	194,074
B	No. of Days -YTD	183
C	A x B	35,515,559
D	Total Operating expenses excluding depreciation	146,375
E	Days liquidity	243



GPA 302 16-Apr-20		GUAM POWER AUTHORITY ACCRUED REVENUE MARCH 2020			
		FOR THE MONTH ENDED MARCH		SIX MONTHS ENDED MARCH	
		2020	2019	2020	2019
KWH SALES:					
Residential		43,576,314	40,399,698	242,446,295	235,179,280
Small Gen. Non Demand		5,015,822	6,549,399	31,267,026	38,595,735
Small Gen. Demand		14,883,043	15,250,813	94,397,182	89,704,214
Large General		21,597,825	24,793,966	143,827,827	148,562,189
Independent Power Producer		29,018	34,407	196,188	191,302
Private St. Lights		31,198	32,171	196,963	198,731
Sub-total		85,133,221	87,060,454	512,331,481	512,431,451
Government Service:					
Small Non Demand		667,442	1,192,582	4,275,993	6,812,153
Small Demand		8,360,160	8,144,760	50,677,591	46,956,070
Large		5,578,414	5,983,823	35,138,107	35,390,891
Street Lighting		540,956	710,856	3,521,039	4,588,216
Sub-total		15,146,971	16,032,021	93,612,730	93,747,329
Total		100,280,192	103,092,475	605,944,211	606,178,780
U. S. Navy		24,905,070	26,077,843	151,049,405	150,956,093
GRAND TOTAL		125,185,262	129,170,318	756,993,615	757,134,873
REVENUE:					
Residential		10,095,552	10,171,326	58,828,033	59,003,689
Small Gen. Non Demand		1,415,097	1,927,366	9,081,441	11,308,215
Small Gen. Demand		3,842,607	4,237,399	25,386,880	24,714,692
Large General		5,298,941	6,456,767	36,377,913	38,370,257
Independent Power Producer		6,916	9,896	51,679	54,255
Private St. Lights		24,414	25,651	152,434	155,617
Sub-total		20,683,525	22,828,405	129,878,380	133,606,726
Government Service:					
Small Non Demand		201,532	364,404	1,338,331	2,080,773
Small Demand		2,256,934	2,363,416	14,290,227	13,549,583
Large		1,461,575	1,668,683	9,580,834	9,845,611
Street Lighting		412,839	472,435	2,576,093	2,900,016
Sub-total		4,332,879	4,868,938	27,785,485	28,375,983
Total		25,016,404	27,697,343	157,663,865	161,982,709
U. S. Navy		3,990,233	5,245,421	28,071,854	33,145,202
GRAND TOTAL		29,006,637	32,942,764	185,735,719	195,127,911
NUMBER OF CUSTOMERS:					
Residential		44,509	44,144	44,567	44,027
Small Gen. Non Demand		4,233	4,183	4,107	4,177
Small Gen. Demand		998	985	1,075	985
Large General		119	121	120	119
Independent Power Producer		2	2	2	2
Private St. Lights		512	523	514	523
Sub-total		50,373	49,958	50,385	49,833
Government Service:					
Small Non Demand		630	675	643	678
Small Demand		385	357	384	352
Large		44	42	44	43
Street Lighting		616	629	617	628
Sub-total		1,675	1,703	1,688	1,701
Total		52,048	51,661	52,073	51,534
US Navy		1	1	1	1
		52,049	51,662	52,074	51,535

GPA Work Session - May 21, 2020 - DIVISION REPORTS

GPA403

GUAM POWER AUTHORITY
ACCRUED REVENUE

	TWELVE MONTHS ENDED	MARCH 2020	FEBRUARY 2020	JANUARY 2020	DECEMBER 2019	NOVEMBER 2019	OCTOBER 2019	SEPTEMBER 2019	AUGUST 2019	JULY 2019	JUNE 2019	MAY 2019	APRIL 2019
KWH SALES:													
Residential	504,039,641	43,576,314	35,110,181	38,780,579	41,139,080	41,832,586	42,007,555	39,850,588	41,847,978	45,512,584	46,454,816	45,901,332	42,026,049
Small General Non Demand	68,772,242	5,015,822	4,778,920	5,360,912	5,151,158	5,409,659	5,550,556	5,281,337	5,043,909	6,192,199	7,135,817	6,785,836	7,066,118
Small General Demand	192,333,042	14,883,043	14,757,497	16,008,372	16,007,245	16,236,716	16,504,309	16,034,273	16,546,802	17,132,421	16,196,923	16,473,837	15,551,604
Large General	296,544,566	21,597,825	22,344,580	24,478,138	25,153,208	24,973,240	25,280,835	24,400,150	25,901,704	25,960,590	25,905,882	25,831,230	24,717,184
Private Outdoor Lighting	394,691	31,198	32,183	34,228	31,725	33,968	33,660	32,707	34,326	31,882	34,779	33,473	30,560
Independent Power Producer	403,143	29,018	40,116	29,711	34,266	33,926	29,151	47,591	31,920	34,342	33,644	31,329	28,130
Sub-Total	1,062,487,325	85,133,221	77,063,477	84,691,941	87,516,681	88,520,094	89,406,066	85,646,645	89,406,638	94,864,018	95,761,862	95,057,036	89,419,645
Government Service:													
Small Non Demand	10,234,194	667,442	669,590	688,336	732,098	739,934	778,594	733,348	792,642	745,870	1,225,034	1,265,906	1,195,401
Small Demand	101,622,583	8,360,160	8,059,004	8,429,943	8,610,483	8,287,162	8,930,840	8,706,945	8,790,473	8,806,768	7,970,826	8,650,402	8,019,578
Large	71,734,595	5,578,414	5,396,114	5,741,099	5,917,603	6,140,795	6,364,082	6,031,079	6,328,596	6,026,050	5,952,146	6,344,614	5,914,002
Street Lighting (Agencies)	8,174,420	540,956	576,839	615,219	270,787	652,963	864,275	711,804	864,386	763,574	710,958	838,818	763,841
Sub-Total	191,765,791	15,146,971	14,701,547	15,474,596	15,530,972	15,820,854	16,937,791	16,183,177	16,776,096	16,342,261	15,858,964	17,099,740	15,892,823
Total	1,254,253,116	100,280,192	91,765,024	100,166,537	103,047,653	104,340,948	106,343,856	101,829,822	106,182,735	111,206,280	111,620,826	112,156,776	105,312,468
U.S. Navy	313,891,378	24,905,070	23,581,439	25,963,769	25,910,039	25,080,100	25,608,987	25,184,246	27,239,150	27,997,548	27,082,742	28,255,054	27,083,234
Grand Total	1,568,144,494	125,185,262	115,346,464	126,130,305	128,957,692	129,421,048	131,952,844	127,014,068	133,421,884	139,203,828	138,703,568	140,411,830	132,395,702
REVENUE:													
Residential	124,290,461	10,095,552	7,812,393	9,600,770	10,333,720	10,464,359	10,521,241	10,007,200	10,470,951	11,397,991	11,569,285	11,457,009	10,559,992
Small General Non Demand	20,078,690	1,415,097	1,295,574	1,582,611	1,544,644	1,595,257	1,648,259	1,579,415	1,492,266	1,835,976	2,060,263	1,943,284	2,086,044
Small General Demand	52,140,098	3,842,607	3,663,368	4,444,883	4,451,665	4,449,885	4,534,471	4,422,371	4,572,505	4,665,289	4,374,426	4,442,708	4,275,919
Large General	75,550,969	5,298,941	5,323,864	6,364,878	6,436,132	6,456,820	6,497,279	6,283,768	6,671,085	6,607,718	6,673,278	6,615,844	6,321,363
Private Outdoor Lighting	306,525	24,414	25,151	25,877	25,341	25,875	25,867	25,616	26,038	25,412	26,200	25,670	25,155
Independent Power Producer	107,612	6,916	10,647	7,776	9,864	8,849	7,628	13,738	9,248	8,337	8,701	8,600	7,310
Sub-Total	272,474,356	20,683,525	18,130,996	22,026,703	22,801,366	23,001,043	23,234,746	22,332,107	23,242,093	24,540,723	24,712,154	24,493,115	23,275,783
Government Service:													
Small Non Demand	3,176,326	201,532	200,103	221,791	232,560	236,107	246,239	232,567	250,901	235,628	373,461	383,585	361,853
Small Demand	28,872,333	2,256,934	2,164,921	2,445,544	2,461,603	2,407,924	2,553,302	2,491,735	2,527,222	2,494,451	2,319,401	2,465,281	2,284,016
Large	19,698,522	1,461,575	1,404,994	1,608,235	1,642,284	1,709,248	1,754,498	1,671,314	1,754,837	1,655,430	1,659,702	1,743,611	1,632,794
Street Lighting (Agencies)	5,485,620	412,839	419,563	438,899	342,012	459,553	503,228	471,713	503,316	482,461	471,543	497,965	482,529
Sub-Total	57,232,801	4,332,879	4,189,580	4,714,468	4,678,460	4,812,832	5,057,267	4,867,330	5,036,276	4,867,971	4,824,107	5,090,441	4,761,191
Total	329,707,157	25,016,404	22,320,576	26,741,172	27,479,826	27,813,875	28,292,013	27,199,437	28,278,369	29,408,694	29,536,261	29,583,556	28,036,974
U.S. Navy	60,633,464	3,990,233	3,736,819	4,966,520	5,433,030	4,632,403	5,312,849	4,808,157	5,647,382	5,623,735	6,373,008	5,183,974	4,925,354
Grand Total	390,340,621	29,006,637	26,057,395	31,707,692	32,912,856	32,446,278	33,604,862	32,007,594	33,925,751	35,032,429	35,909,269	34,767,531	32,962,328
NUMBER OF CUSTOMERS:													
Residential	44,496	44,509	44,748	44,755	44,203	44,602	44,584	44,479	44,497	44,408	44,329	44,640	44,200
Small General Non Demand	4,138	4,233	4,156	4,115	3,953	4,092	4,091	4,087	4,122	4,197	4,211	4,213	4,185
Small General Demand	1,048	998	1,109	1,098	1,079	1,085	1,082	1,080	1,086	1,014	971	983	985
Large General	120	119	120	121	120	120	121	120	121	120	119	119	118
Private Outdoor Lighting	517	512	512	510	517	515	517	520	518	519	520	520	522
Independent Power Producer	3	2	2	2	3	3	2	3	3	3	3	4	4
Sub-Total	50,321	50,373	50,647	50,601	49,875	50,417	50,397	50,289	50,347	50,261	50,153	50,479	50,014
Government Service:													
Small Non Demand	654	630	643	650	644	644	645	644	648	671	676	676	672
Small Demand	376	385	385	385	384	383	383	382	382	381	356	355	356
Large	44	44	44	44	44	44	44	44	44	43	43	42	42
Street Lighting (Agencies)	618	616	616	616	618	618	618	618	618	619	618	618	621
Sub-Total	1,691	1,675	1,688	1,695	1,690	1,689	1,690	1,688	1,692	1,714	1,693	1,691	1,691
Total	52,012	52,048	52,335	52,296	51,565	52,106	52,087	51,977	52,039	51,975	51,846	52,170	51,705
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	52,013	52,049	52,336	52,297	51,566	52,107	52,088	51,978	52,040	51,976	51,847	52,171	51,706

GPA Work Session - May 21, 2020 - DIVISION REPORTS

GPA303

**GUAM POWER AUTHORITY
ACCRUED REVENUE
MARCH 2020**

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		OIL	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
Month												
R Residential	44,509	43,576,314	\$ 10,095,552	\$ 23.17	\$ 23.17	\$ 10,095,552	979	\$ 227	\$ 9.72	\$ 4,235,670	\$ 13.45	\$ 5,859,881
G Small Gen. Non Demand	4,233	5,015,822	\$ 1,415,097	\$ 28.21	\$ 28.21	\$ 1,415,097	1,185	\$ 334	\$ 14.77	\$ 740,599	\$ 13.45	\$ 674,498
J Small Gen. Demand	998	14,883,043	\$ 3,842,607	\$ 25.82	\$ 25.82	\$ 3,842,607	14,913	\$ 3,850	\$ 12.38	\$ 1,842,135	\$ 13.44	\$ 2,000,472
P Large General	119	21,597,825	\$ 5,298,941	\$ 24.53	\$ 24.53	\$ 5,298,941	181,494	\$ 44,529	\$ 11.14	\$ 2,406,913	\$ 13.39	\$ 2,892,028
I Independent PowerProducer	2	29,018	\$ 6,916	\$ 23.83	\$ 23.83	\$ 6,916	14,509	\$ 3,458	\$ 11.31	\$ 3,281	\$ 12.53	\$ 3,635
H Private St. Lights	512	31,198	\$ 24,414	\$ 78.25	\$ 78.25	\$ 24,414	61	\$ 48	\$ 64.81	\$ 20,218	\$ 13.45	\$ 4,195
Sub-Total	50,373	85,133,221	\$ 20,683,525	\$ 24.30	\$ 24.30	\$ 20,683,525	1,690	\$ 411	\$ 10.86	\$ 9,248,816	\$ 13.43	\$ 11,434,710
Government Service:												
S Small Non Demand	630	667,442	\$ 201,532	\$ 30.19	\$ 30.19	\$ 201,532	1,059	\$ 320	\$ 16.75	\$ 111,778	\$ 13.45	\$ 89,754
K Small Demand	385	8,360,160	\$ 2,256,934	\$ 27.00	\$ 27.00	\$ 2,256,934	21,715	\$ 5,862	\$ 13.55	\$ 1,132,709	\$ 13.45	\$ 1,124,224
L Large	44	5,578,414	\$ 1,461,575	\$ 26.20	\$ 26.20	\$ 1,461,575	126,782	\$ 33,218	\$ 12.92	\$ 720,921	\$ 13.28	\$ 740,653
F Street Lighting (Agencies)	616	540,956	\$ 412,839	\$ 76.32	\$ 76.32	\$ 412,839	878	\$ 670	\$ 62.87	\$ 340,095	\$ 13.45	\$ 72,744
Sub-Total	1,675	15,146,971	\$ 4,332,879	\$ 28.61	\$ 28.61	\$ 4,332,879	9,043	\$ 2,587	\$ 15.22	\$ 2,305,503	\$ 13.38	\$ 2,027,376
U.S. Navy	52,048	100,280,192	\$ 25,016,404	\$ 24.95	\$ 24.95	\$ 25,016,404	1,927	\$ 481	\$ 11.52	\$ 11,554,319	\$ 13.42	\$ 13,462,085
	1	24,905,070	\$ 3,990,233	\$ 16.02	\$ 16.02	\$ 3,990,233			\$ 5.96	\$ 1,484,507	\$ 10.06	\$ 2,505,726
TOTAL	52,049	125,185,262	\$ 29,006,637	\$ 23.17	\$ 23.17	\$ 29,006,637	2,405	\$ 557	\$ 10.42	\$ 13,038,826	\$ 12.76	\$ 15,967,810.66
Six Months Ended March 2020												
R Residential	44,567	242,446,295	\$ 58,828,033	\$ 24.26	\$ 24.26	\$ 58,828,033	5,440	\$ 1,320	\$ 9.64	\$ 23,375,623	\$ 14.62	\$ 35,452,411
G Small Gen. Non Demand	4,107	31,267,026	\$ 9,081,441	\$ 29.04	\$ 29.04	\$ 9,081,441	7,614	\$ 2,211	\$ 14.41	\$ 4,504,868	\$ 14.64	\$ 4,576,573
J Small Gen. Demand	1,075	94,397,182	\$ 25,386,880	\$ 26.89	\$ 26.89	\$ 25,386,880	87,798	\$ 23,612	\$ 12.24	\$ 11,553,861	\$ 14.65	\$ 13,833,018
P Large General	120	143,827,827	\$ 36,377,913	\$ 25.29	\$ 25.29	\$ 36,377,913	1,196,903	\$ 302,729	\$ 10.59	\$ 15,231,118	\$ 14.70	\$ 21,146,795
I Independent PowerProducer	2	196,188	\$ 51,679	\$ 26.34	\$ 26.34	\$ 51,679	84,800	\$ 22,148	\$ 12.22	\$ 23,972	\$ 14.12	\$ 27,708
H Private St. Lights	514	196,963	\$ 152,434	\$ 77.39	\$ 77.39	\$ 152,434	383	\$ 297	\$ 62.60	\$ 123,307	\$ 14.79	\$ 29,127
Sub-Total	50,385	512,331,481	\$ 129,878,380	\$ 25.35	\$ 25.35	\$ 129,878,380	10,168	\$ 2,578	\$ 10.70	\$ 54,812,748	\$ 14.65	\$ 75,065,632
Government Service:												
S Small Non Demand	643	4,275,993	\$ 1,338,331	\$ 31.30	\$ 31.30	\$ 1,338,331	6,654	\$ 2,082	\$ 16.41	\$ 701,642	\$ 14.89	\$ 636,689
K Small Demand	384	50,677,591	\$ 14,290,227	\$ 28.20	\$ 28.20	\$ 14,290,227	131,916	\$ 37,198	\$ 13.43	\$ 6,804,131	\$ 14.77	\$ 7,486,096
L Large	44	35,138,107	\$ 9,580,834	\$ 27.27	\$ 27.27	\$ 9,580,834	798,593	\$ 217,746	\$ 12.65	\$ 4,445,429	\$ 14.61	\$ 5,135,405
F Street Lighting (Agencies)	617	3,521,039	\$ 2,576,093	\$ 73.16	\$ 73.16	\$ 2,576,093	5,707	\$ 4,175	\$ 58.37	\$ 2,055,098	\$ 14.80	\$ 520,995
Sub-Total	1,688	93,612,730	\$ 27,785,485	\$ 29.68	\$ 29.68	\$ 27,785,485	55,463	\$ 16,462	\$ 14.96	\$ 14,006,300	\$ 14.72	\$ 13,779,185
U.S. Navy	1	151,049,405	\$ 28,071,854	\$ 18.58	\$ 18.58	\$ 28,071,854			\$ 6.27	\$ 9,477,251	\$ 12.31	\$ 18,594,603
TOTAL	52,074	756,993,615	\$ 185,735,719	\$ 24.54	\$ 24.54	\$ 185,735,719	14,537	\$ 3,567	\$ 10.34	\$ 78,296,299	\$ 14.19	\$ 107,439,421
Twelve Months Ended March 2020												
R Residential	44,496	504,039,641	\$ 124,290,461	\$ 24.66	\$ 24.66	\$ 124,290,461	11,328	\$ 2,793	\$ 9.62	\$ 48,489,370	\$ 15.04	\$ 75,801,091
G Small Gen. Non Demand	4,138	68,772,242	\$ 20,078,690	\$ 29.20	\$ 29.20	\$ 20,078,690	16,620	\$ 4,852	\$ 14.13	\$ 9,717,237	\$ 15.07	\$ 10,361,452
J Small Gen. Demand	1,048	192,333,042	\$ 52,140,098	\$ 27.11	\$ 27.11	\$ 52,140,098	183,611	\$ 49,776	\$ 12.07	\$ 23,208,078	\$ 15.04	\$ 28,932,020
P Large General	120	296,544,566	\$ 75,550,969	\$ 25.48	\$ 25.48	\$ 75,550,969	2,474,642	\$ 630,467	\$ 10.44	\$ 30,961,232	\$ 15.04	\$ 44,589,737
I Independent PowerProducer	3	403,143	\$ 107,612	\$ 26.69	\$ 26.69	\$ 107,612	142,286	\$ 37,981	\$ 12.26	\$ 49,407	\$ 14.44	\$ 58,206
H Private St. Lights	517	394,691	\$ 306,525	\$ 77.66	\$ 77.66	\$ 306,525	764	\$ 593	\$ 62.48	\$ 246,606	\$ 15.18	\$ 59,919
Sub-Total	50,321	1,062,487,325	\$ 272,474,356	\$ 25.64	\$ 25.64	\$ 272,474,356	21,114	\$ 5,415	\$ 10.60	\$ 112,671,930	\$ 15.04	\$ 159,802,426
Government Service:												
S Small Non Demand	654	10,234,194	\$ 3,176,326	\$ 31.04	\$ 31.04	\$ 3,176,326	15,659	\$ 4,860	\$ 15.84	\$ 1,620,632	\$ 15.20	\$ 1,555,694
K Small Demand	376	101,622,583	\$ 28,872,333	\$ 28.41	\$ 28.41	\$ 28,872,333	269,974	\$ 76,703	\$ 13.31	\$ 13,528,379	\$ 15.10	\$ 15,343,953
L Large	44	71,734,595	\$ 19,698,522	\$ 27.46	\$ 27.46	\$ 19,698,522	1,649,071	\$ 452,840	\$ 12.53	\$ 8,987,161	\$ 14.93	\$ 10,711,360
F Street Lighting (Agencies)	618	8,174,420	\$ 5,485,620	\$ 67.11	\$ 67.11	\$ 5,485,620	13,231	\$ 8,879	\$ 51.95	\$ 4,246,878	\$ 15.15	\$ 1,238,742
Sub-Total	1,691	191,765,791	\$ 57,232,801	\$ 29.85	\$ 29.85	\$ 57,232,801	113,381	\$ 33,839	\$ 14.80	\$ 28,383,051	\$ 15.04	\$ 28,849,750
U.S. Navy	52,012	1,254,253,116	\$ 329,707,157	\$ 26.29	\$ 26.29	\$ 329,707,157	24,114	\$ 6,339	\$ 11.25	\$ 141,054,981	\$ 15.04	\$ 188,652,176
	1	313,891,378	\$ 60,633,464	\$ 19.32	\$ 19.32	\$ 60,633,464			\$ 6.19	\$ 19,414,389	\$ 13.13	\$ 41,219,075
TOTAL	52,013	1,568,144,494	\$ 390,340,621	\$ 24.89	\$ 24.89	\$ 390,340,621	30,149	\$ 7,505	\$ 10.23	\$ 160,469,370	\$ 14.66	\$ 229,871,251

GPA Work Session - May 21, 2020 - DIVISION REPORTS

GPA-318
318Mar20

ENERGY ACCOUNT
FY 2020 Versus FY 2019

FOR INTERNAL USE ONLY

	March 2020		March 2019		Y T D 2020		Y T D 2019		MOVING TWELVE MONTHS	
Gross Generation	31		31		183		183		366	
Number of days in Period	233		234		247		245		255	
Peak demand	03/03/20		03/25/19		10/23/19		11/04/19		06/06/19	
Date	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	42,454,000		67,527,000		322,425,000		358,890,000		721,351,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	30,754,400		27,160,600		170,299,600		135,487,700		313,260,100	
MEC (ENRON) Piti 9 (IPP)	27,037,200		22,355,100		156,840,500		142,950,600		304,971,270	
TEMES Piti 7 (IPP)	1,804,824		4,037,571		21,022,338		34,815,964		35,563,569	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:										
MDI 10MW	0		0		114,181		101,418		715,453	
NRG Solar Dandan	4,965,424		4,708,331		24,452,339		23,092,087		49,330,777	
Dededo CT #1	22,350		228,260		1,438,650		3,255,690		3,074,770	
Dededo CT #2	223,140		393,640		2,810,460		4,216,330		6,272,370	
Macheche CT	4,613,206		4,764,067		28,930,831		30,276,596		52,528,420	
Vigo CT (Leased)	4,665,988		1,666,471		24,856,000		27,054,737		47,071,689	
Tenjo	3,812,670		2,315,430		25,620,580		13,192,360		40,671,590	
Talofofo 10 MW	0		42,560		1,117,790		4,427,960		5,505,720	
Aggreko	17,654,250		8,571,986		56,782,052		59,064,699		147,136,998	
Wind Turbine*	0		52,293		130,953		62,724		213,027	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	138,007,451		143,823,309		836,841,274		836,888,864		1,727,666,752	
Ratio to last year		95.96		99.63		99.99		96.23		102.49
Station use	4,587,692		5,747,275		31,964,481		32,559,037		66,295,907	
Ratio to Gross generation		3.32		4.00		3.82		3.89		3.84
Net send out	133,419,759		138,076,034		804,876,793		804,329,828		1,661,370,845	
Ratio to last year		96.63		98.68		100.07		96.05		102.38
KWH deliveries:										
Sales to Navy (@34.5kv)	24,905,070		26,077,843		151,049,404		150,956,093		313,891,378	
Ratio to last year		95.50		100.34		100.06		96.66		104.20
GPA-metered	108,514,689		111,998,191		653,827,389		653,373,735		1,347,479,467	
Ratio to last year		96.89		98.29		100.07		95.91		101.97
Power factor adj.	0		0		0		0		0	
Adjusted	108,514,689		111,998,191		653,827,389		653,373,735		1,347,479,467	
GPA KWH Accountability:										
Sales to civilian customers-accrual basis	100,280,192		103,092,475		605,944,210		606,178,780		1,254,253,117	
Ratio to last year		97.27		96.61		99.96		95.08		102.04
GPA use-KWH	316,224		315,576		2,013,376		2,016,439		4,136,730	
Unaccounted For	7,918,273		8,590,140		45,869,803		45,178,516		89,089,620	
Ratio to deliveries		7.30		7.67		7.02		6.91		6.61
Ratio to Gross Generation		5.74		5.97		5.48		5.40		5.16
Ratio to Net Send Out		5.95		6.22		5.70		5.62		5.38

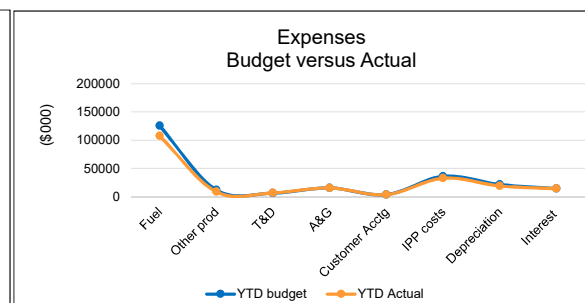
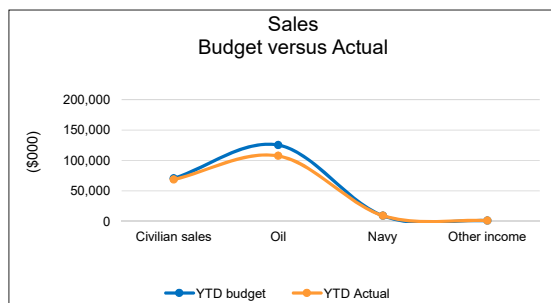
GPA Work Session - May 21, 2020 - DIVISION REPORTS

GPA-317Mar20

**Guam Power Authority
Fuel Consumption
FY 2020**

Description	March 2020		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARREL S	AMOUNT
FUEL FURNISHED:						
NAVY:						
Diesel	0	0	0	0	0	0
Low Sulfur	0	0	0	0	0	0
	0	0	0	0	0	0
GPA:						
RFO	137,944	\$7,537,174	830,839	\$ 48,996,965	1,581,167	\$ 101,850,948
Diesel	66,458	\$5,234,744	338,824	\$ 29,350,595	698,455	\$ 62,450,803
Low Sulfur	13,521	\$1,081,732	165,875	\$ 11,631,270	483,748	\$ 34,948,618
Deferred Fuel Costs	0	\$439,222	0	\$ 8,139,954	0	\$ 11,886,899
Fuel Adjustments	0	\$0		\$ 154,232	0	\$ 334,696
Fuel Handling Costs	0	\$1,674,939	0	\$ 9,166,405	0	\$ 18,399,287
	217,923	\$15,967,811	1,335,539	\$ 107,439,420	2,763,370	\$ 229,871,251
IWPS:						
GPA RFO	137,944	\$7,537,174	830,839	\$ 48,996,965	1,581,167	\$ 101,850,948
Diesel	66,458	\$5,234,744	338,824	\$ 29,350,595	698,455	\$ 62,450,803
Low Sulfur	13,521	\$1,081,732	165,875	\$ 11,631,270	483,748	\$ 34,948,618
Deferred Fuel Costs	0	\$439,222	0	\$ 8,139,954	0	\$ 11,886,899
Fuel Variance	0	\$0	0	\$ 154,232		\$ 334,696
Fuel Handling Costs	0	\$1,674,939	0	\$ 9,166,405	0	\$ 18,399,287
	217,923	\$15,967,811	1,335,539	\$ 107,439,420	2,763,370	\$ 229,871,251
AVERAGE COST/Bbl.						
GPA RFO		\$54.64		\$58.97		\$64.42
Diesel		\$78.77		\$86.62		\$89.41
Low Sulfur		\$80.00		\$70.12		\$72.25
AS BURNED						
Cabras 1 & 2						
RFO	68,582	\$ 3,737,445	457,335	\$ 26,924,032	916,007	\$ 59,241,453
Low Sulfur	4,097	\$ 327,761	95,236	\$ 6,642,481	315,032	\$ 22,866,473
Diesel	189	\$ 17,555	546	\$ 50,791	1,321	\$ 118,713
	72,868	\$ 4,082,761	553,117	\$ 33,617,304	1,232,360	\$ 82,226,639
Cabras 3 & 4						
RFO	0	\$ -	0	\$ -	0	\$ -
Low Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	0	\$ -	0	\$ -	0	\$ -
	0	\$ -	0	\$ -	0	\$ -
MEC (Piti Units 8&9)						
RFO	69,362	\$ 3,799,729	373,505	\$ 22,072,933	665,160	\$ 42,609,495
Low Sulfur	9,424	\$ 753,970	70,639	\$ 4,988,788	168,716	\$ 12,082,144
Diesel	0	\$ -	25	\$ 1,777	41	\$ 2,905
	78,786	\$ 4,553,699	444,169	\$ 27,063,498	833,917	\$ 54,694,545
Diesel & CT's - GPA:						
MDI Dsl	0	\$ -	166	\$ 15,694	1,130	\$ 96,822
Macheche CT	10,207	\$ 811,279	63,870	\$ 5,508,873	115,991	\$ 10,250,162
Yigo CT	10,353	\$ 792,298	54,715	\$ 4,677,228	103,566	\$ 9,081,113
Talofoto 10 MW	0	\$ -	1,887	\$ 164,739	9,716	\$ 876,857
Aggreko	32,981	\$ 2,502,350	105,953	\$ 8,882,243	273,329	\$ 24,005,947
Tenjo	6,688	\$ 609,804	43,909	\$ 4,067,537	70,002	\$ 6,893,487
TEMES (IPP)	5,220	\$ 429,841	54,705	\$ 4,794,102	94,608	\$ 8,489,653
GWA Generators	0	\$ -	219	\$ 29,215	378	\$ 49,740
	66,269	\$ 5,217,189	338,254	\$ 29,298,026	697,093	\$ 62,329,185
Deferred Fuel Costs	0	\$ 439,222		\$ 8,139,954		\$ 11,886,899
Adjustment		\$ -		\$ 154,232		\$ 334,696
Fuel Handling Costs	0	\$ 1,674,939		\$ 9,166,405		\$ 18,399,287
TOTAL	217,923	\$ 15,967,811	1,335,539	\$ 107,439,420	2,763,370	\$ 229,871,251

Statement of operations Comparison-Budget versus Actual For the month and year to date ended March 31, 2020						
	Budget	Actual March-20	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	106,919	100,280	6,639	628,727	620,109	8,618
Non-fuel yield	\$ 0.112305	\$ 0.115217	\$ (0.002912)	\$ 0.112332	\$ 0.110979	\$ 0.001353
KwH Sales-Navy	25,286	24,905	381	143,054	153,324	-10,270
Non-fuel yield	\$ 0.062452	\$ 0.059627	\$ 0.002825	\$ 0.063900	\$ 0.061823	\$ 0.002077
Operating revenue						
Civilian sales	\$ 12,008	\$ 11,554	\$ 454	\$ 70,747	\$ 68,819	\$ 1,928
Oil	23,505	15,968	7,537	125,344	107,439	17,905
Navy	1,579	1,485	94	9,141	9,479	(338)
Other income	180	212	(32)	1,080	1,147	(67)
	\$ 37,271	\$ 29,219	\$ 8,052	\$ 206,313	\$ 186,884	\$ 19,429
Bad debts expense	91	91	(0)	546	546	(0)
Total operating revenues	\$ 37,181	\$ 29,129	\$ 8,052	\$ 205,767	\$ 186,338	\$ 19,429
Operating expenses:						
Production fuel	\$ 23,505	\$ 15,968	\$ 7,537	\$ 125,344	\$ 107,439	\$ 17,905
O & M expenses:						
Other production	1,638	1,574	64	11,749	8,300	3,450
Transmission distribution	1,121	1,004	117	6,116	6,416	(300)
Administrative expense	2,705	2,553	152	15,286	15,181	105
Customer accounting	495	501	(6)	2,692	2,666	26
	5,959	5,633	327	35,844	32,563	3,281
IPP costs	1,246	1,046	200	7,477	6,373	1,104
Depreciation	3,543	3,103	440	21,259	18,750	2,509
	\$ 34,253	\$ 25,749	\$ 8,504	\$ 189,923	\$ 165,125	\$ 24,799
Operating income	\$ 2,927	\$ 3,380	\$ (452)	\$ 15,844	\$ 21,214	\$ (5,370)
Other revenue (expenses):						
Investment income	167	668	(501)	1,002	2,069	(1,067)
Interest expense	(2,315)	(2,305)	(10)	(13,891)	(13,898)	7
Losses due to typhoon	-	-	-	-	(168)	168
Bond issuance costs/Other expenses	139	85	54	834	510	324
Net income before capital contribution	918	1,827	(910)	3,788	9,726	(5,939)
Grants from the U.S. Government	-	-	-	-	-	-
Increase (decrease) in net assets	\$ 918	\$ 1,827	\$ (910)	\$ 3,788	\$ 9,726	\$ (5,939)

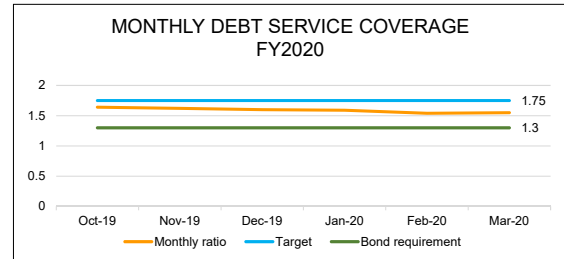


Guam Power Authority
Debt service coverage
March 31, 2020

	2016	Restated 2017	Audited 2018	YTD Unaudited 2019	YTD Unaudited 2020
Funds Available for Debt Service					
Earnings from Operations	\$ 37,981	\$ 36,522	\$ 38,164	\$ 44,818	\$ 21,209
Interest Income	57	122	620	5,008	1,556
Depreciation Expense	44,240	44,292	37,184	37,344	18,750
Balance Available for Debt Service	\$ 82,278	\$ 80,936	\$ 75,968	\$ 87,170	\$ 41,515
IPP - Capital Costs					
Principal	\$ 14,819	\$ 20,796	\$ 23,210	\$ 13,470	\$ 4,200
Interest	5,970	5,609	3,159	1,068	266
Total IPP Payments	\$ 20,789	\$ 26,400	\$ 26,369	\$ 14,538	\$ 4,465
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	-	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	7,999	2,000	-	-
Principal and Interest (2012 Senior TE Bond)	17,098	17,449	17,086	31,467	17,616
Principal and Interest (2014 Senior TE Bond)	10	5,084	5,083	5,084	2,544
Principal and Interest (2017 Senior TE Bond)	-	-	5,916	7,607	3,708
Total	\$ 25,107	\$ 30,532	\$ 30,086	\$ 44,158	\$ 23,868
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	2.45 x	1.79 x	1.65 x	1.64 x	1.55 x
Existing DSC Methodology (Senior+Subordinate)	2.45 x	1.79 x	1.65 x	1.64 x	1.55 x
Bond Covenant DSC	3.28 x	2.65 x	2.53 x	1.97 x	1.74 x
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75 x	1.75 x	1.75 x
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30 x	1.30 x	1.30 x
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20 x	1.20 x	1.20 x	1.20 x

Notes:

- (1) Source: Guam Power Authority, 2014 - 2018 Audited Financial Statements
- (2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit.
- (3) Existing DSC Methodology (Rating Agency Method):
(Operating Earnings + Depreciation Expense - IPP Principal & Interest Payments) /
(Senior and Subordinate Bond Principal & Interest Payments)
- (4) Bond Covenant DSC Methodology: (Operating Earnings + Depreciation Expense) /
(Senior and Subordinate Bond Principal & Interest Payments)

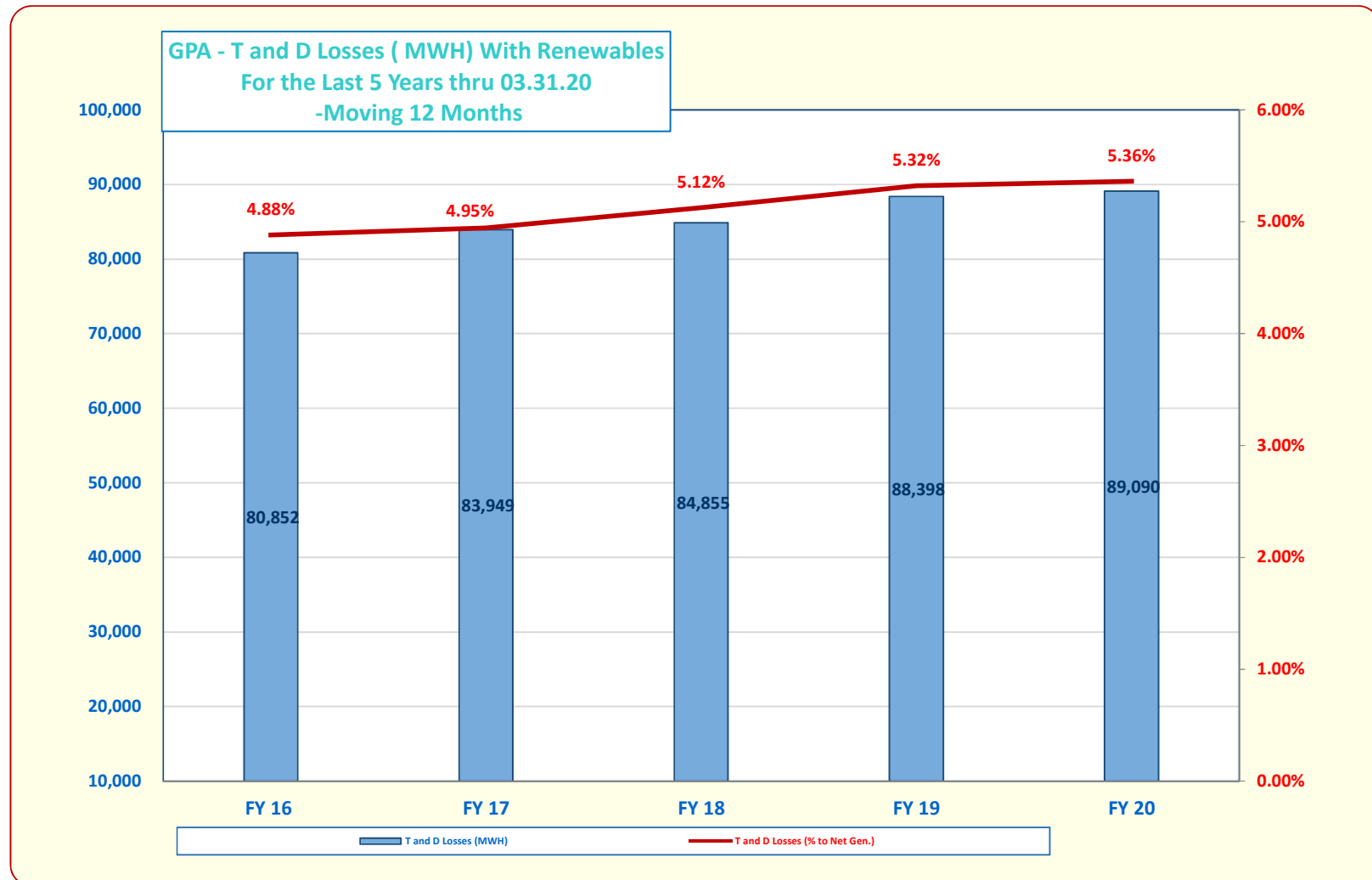


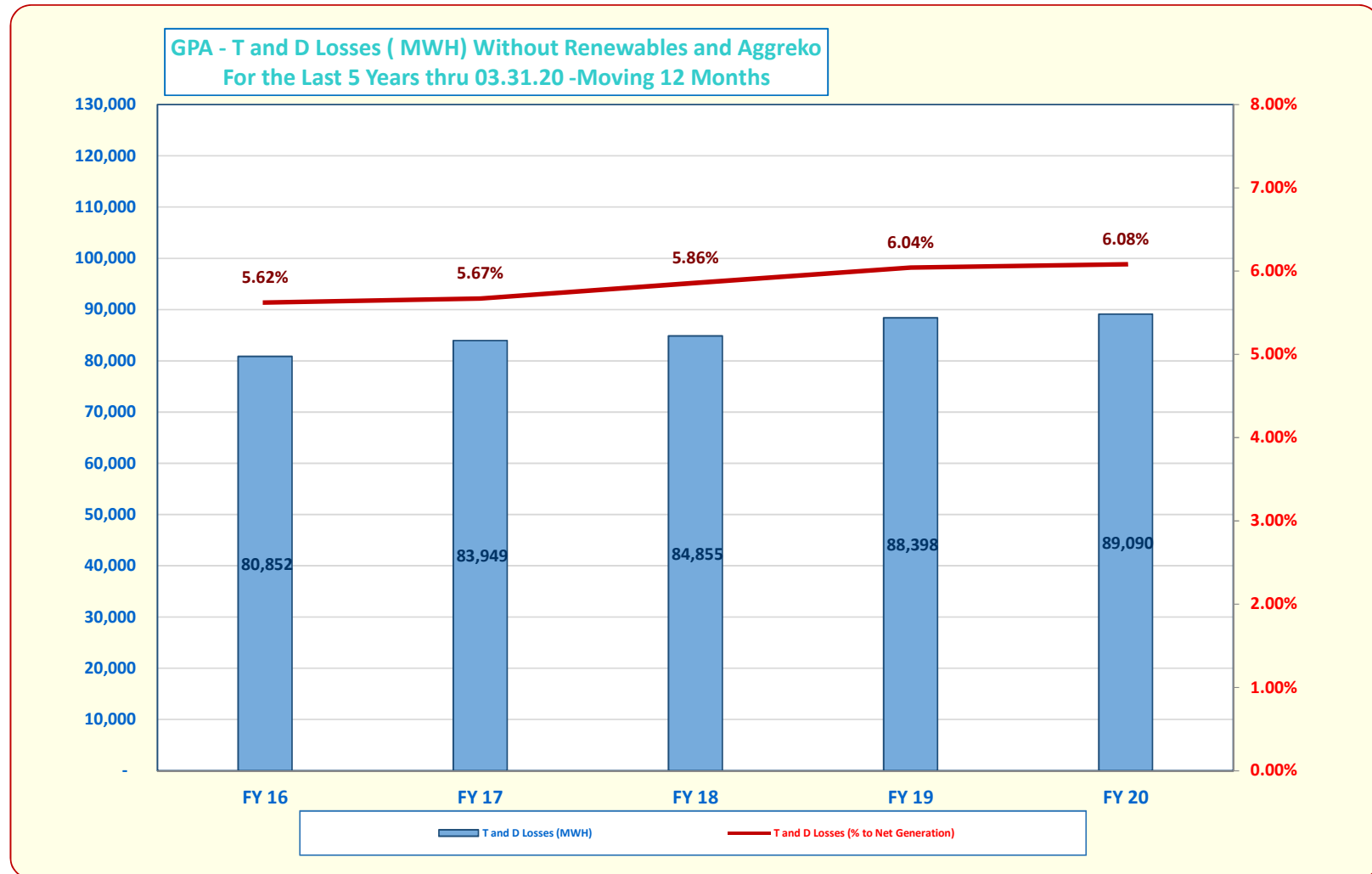
GPA Work Session - May 21, 2020 - DIVISION REPORTS

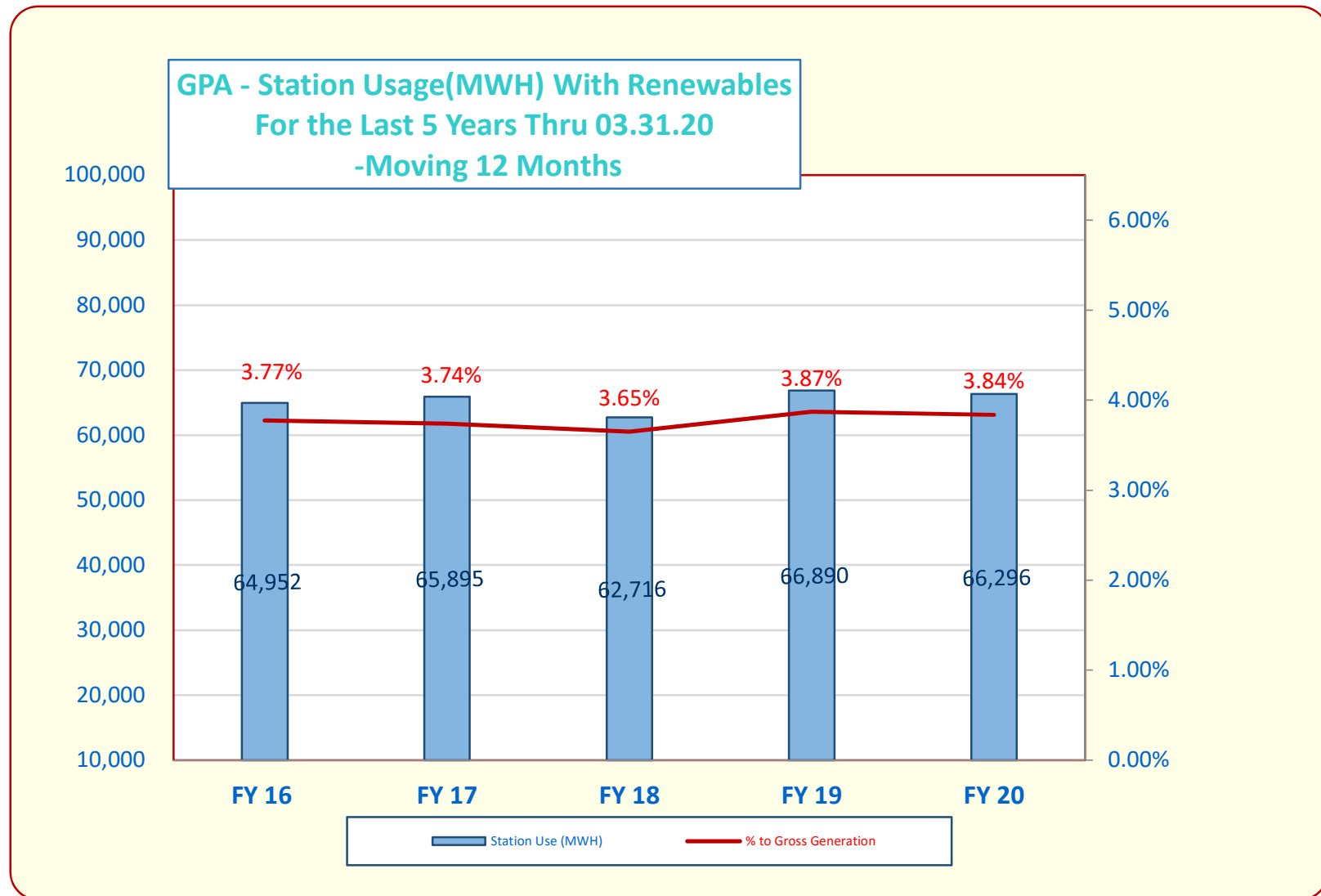
REVENUES-ACTUAL VS PROJECTIONS								
MONTHLY - MARCH 2020					YTD THRU 03/31/20			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	42,306,470	43,576,314	1,269,844	3.00%	246,279,198	242,446,295	(3,832,903)	-1.56%
Small General-Non-Demand	7,147,484	5,015,822	(2,131,662)	-29.82%	42,120,260	31,267,026	(10,853,234)	-25.77%
Small General-Demand	15,121,501	14,883,043	(238,458)	-1.58%	88,943,610	94,397,182	5,453,572	6.13%
Large	25,892,321	21,597,825	(4,294,496)	-16.59%	155,143,388	143,827,827	(11,315,562)	-7.29%
Independent Power Producers	32,699	29,018	(3,681)	-11.26%	195,929	196,188	258	0.13%
Private St. Lites	4,959	31,198	26,239	529.09%	30,635	196,963	166,328	542.93%
Sub-total	90,505,435	85,133,221	(5,372,214)	-5.94%	532,713,021	512,331,481	(20,381,541)	-3.83%
Government								
Small_Non Demand	1,265,830	667,442	(598,388)	-47.27%	7,230,552	4,275,993	(2,954,559)	-40.86%
Small-Demand	7,911,606	8,360,160	448,554	5.67%	45,611,893	50,677,591	5,065,698	11.11%
Large	6,548,554	5,578,414	(970,141)	-14.81%	38,730,954	35,138,107	(3,592,847)	-9.28%
Public St. Lites	688,028	540,956	(147,072)	-21.38%	4,440,870	3,521,039	(919,832)	-20.71%
Sub-total	16,414,018	15,146,971	(1,267,047)	-7.72%	96,014,269	93,612,730	(2,401,539)	-2.50%
Total-Civilian	106,919,453	100,280,192	(6,639,260)	-6.21%	628,727,291	605,944,211	(22,783,080)	-3.62%
USN	25,286,104	24,905,070	(381,034)	-1.51%	146,372,974	151,049,405	4,676,431	3.19%
Grand Total	132,205,557	125,185,262	(7,020,294)	-5.31%	775,100,264	756,993,615	(18,106,649)	-2.34%
Non-Oil Yield								
Residential	0.096264	0.097201	0.000937	0.97%	0.096264	0.096416	0.000151	0.16%
Small General-Non-Demand	0.136877	0.147653	0.010776	7.87%	0.136877	0.144077	0.007201	5.26%
Small General-Demand	0.120054	0.123774	0.003721	3.10%	0.120054	0.122396	0.002343	1.95%
Large	0.104208	0.111442	0.007234	6.94%	0.104208	0.105898	0.001690	1.62%
Independent Power Producers	0.626461	0.113059	(0.513403)	0.00%	0.626461	0.122187	(0.504274)	0.00%
Private St. Lites	0.114929	0.648052	0.533123	463.87%	0.114929	0.626040	0.511111	444.72%
Sub-total	0.105911	0.108639	0.002728	2.58%	0.105957	0.106987	0.001030	0.97%
Government								
Small_Non Demand	0.150486	0.167472	0.016987	11.29%	0.150486	0.164089	0.013603	9.04%
Small-Demand	0.135060	0.135489	0.000429	0.32%	0.135060	0.134263	(0.000797)	-0.59%
Large	0.127855	0.129234	0.001379	1.08%	0.127855	0.126513	(0.001342)	-1.05%
Public St. Lites	0.473421	0.628692	0.155272	32.80%	0.473421	0.583662	0.110242	23.29%
Sub-total	0.147558	0.152209	0.004651	3.15%	0.148965	0.149620	0.000655	0.44%
Total-Civilian	0.112305	0.115220	0.002915	2.60%	0.116193	0.113573	(0.048120)	-29.76%
USN	0.062452	0.059607	(0.002845)	-4.56%	0.062452	0.062743	0.000291	0.47%
Grand Total	0.102770	0.104156	0.001386	1.35%	0.103069	0.103431	0.000362	0.35%
Non-Oil Revenues								
Residential	4,072,611	4,235,670	163,060	4.00%	23,707,940	23,375,623	(332,318)	-1.40%
Small General-Non-Demand	978,324	740,599	(237,725)	-24.30%	5,765,280	4,504,868	(1,260,412)	-21.86%
Small General-Demand	1,815,390	1,842,135	26,745	1.47%	10,677,996	11,553,861	875,865	8.20%
Large	2,698,184	2,406,913	(291,271)	-10.80%	16,167,164	15,231,118	(936,046)	-5.79%
Independent Power Producers	20,485	3,281	(17,204)	-83.98%	122,742	23,972	(98,770)	-80.47%
Private St. Lites	570	20,218	19,648	3447.27%	3,521	123,307	119,786	3402.14%
Sub-total	9,585,563	9,248,816	(336,747)	-3.51%	56,444,643	54,812,748	(1,631,895)	-2.89%
Government								
Small_Non Demand	190,489	111,778	(78,711)	-41.32%	1,088,094	701,642	(386,453)	-35.52%
Small-Demand	1,068,540	1,132,709	64,169	6.01%	6,160,335	6,804,131	643,796	10.45%
Large	837,265	720,921	(116,344)	-13.90%	4,951,946	4,445,429	(506,517)	-10.23%
Public St. Lites	325,726	340,095	14,368	4.41%	2,102,400	2,055,098	(47,302)	-2.25%
Sub-total	2,422,021	2,305,503	(116,518)	-4.81%	14,302,774	14,006,300	(296,475)	-2.07%
Total-Civilian	12,007,584	11,554,319	(453,265)	-3.77%	70,747,418	68,819,048	(1,928,370)	-2.73%
USN	1,579,158	1,484,507	(94,651)	-5.99%	9,141,231	9,477,251	336,020	3.68%
Grand Total	13,586,742	13,038,826	(547,916)	-4.03%	79,888,648	78,296,299	(1,592,350)	-1.99%
% of Total Revenues	36.63%	44.95%			38.93%	42.15%		
Oil Revenues								
Residential	7,521,621	5,859,881	(1,661,740)	-22.09%	39,808,441	35,452,411	(4,356,031)	-10.94%
Small General-Non-Demand	1,270,743	674,498	(596,246)	-46.92%	6,804,341	4,576,573	(2,227,767)	-32.74%
Small General-Demand	2,688,435	2,000,472	(687,963)	-25.59%	14,388,101	13,833,018	(555,082)	-3.86%
Large	4,603,367	2,892,028	(1,711,339)	-37.18%	25,083,203	21,146,795	(3,936,408)	-15.69%
Independent Power Producers	5,814	3,635	(2,179)	-37.47%	31,677	27,708	(3,970)	-12.53%
Private St. Lites	882	4,195	3,314	375.82%	4,961	29,127	24,166	487.12%
Sub-total	16,090,862	11,434,710	(4,656,153)	-28.94%	86,120,724	75,065,632	(11,055,092)	-12.84%
Government								
Small_Non Demand	225,050	89,754	(135,297)	-60.12%	1,170,536	636,689	(533,847)	-45.61%
Small-Demand	1,406,596	1,124,224	(282,372)	-20.07%	7,386,421	7,486,096	99,675	1.35%
Large	1,164,260	740,653	(423,607)	-36.38%	6,264,038	5,135,405	(1,128,633)	-18.02%
Public St. Lites	122,324	72,744	(49,579)	-40.53%	719,215	520,995	(198,220)	-27.56%
Sub-total	2,918,230	2,027,376	(890,855)	-30.53%	15,540,211	13,779,185	(1,761,025)	-11.33%
Total-Civilian	19,009,093	13,462,085	(5,547,007)	-29.18%	101,660,934	88,844,817	(12,816,117)	-12.61%
USN	4,495,589	2,505,726	(1,989,863)	-44.26%	23,682,997	18,594,603	(5,088,394)	-21.49%
Grand Total	23,504,681	15,967,811	(7,536,871)	-32.07%	125,343,931	107,439,421	(17,904,510)	-14.28%
% of Total Revenues	63.37%	55.05%			61.07%	57.85%		
Grand Total								
Residential	11,594,232	10,095,552	(1,498,680)	-12.93%	63,516,382	58,828,033	(4,688,348)	-7.38%
Small General-Non-Demand	2,249,067	1,415,097	(833,970)	-37.08%	12,569,620	9,081,441	(3,488,179)	-27.75%
Small General-Demand	4,503,825	3,842,607	(661,218)	-14.68%	25,066,097	25,386,880	320,783	1.28%
Large	7,301,551	5,298,941	(2,002,611)	-27.43%	41,250,367	36,377,913	(4,872,454)	-11.81%
Independent Power Producers	26,298	6,916	(19,383)	-73.70%	154,419	51,679	(102,740)	-66.53%
Private St. Lites	1,452	24,414	22,962	1581.76%	8,482	152,434	143,952	1697.17%
Sub-total	25,676,425	20,683,525	(4,992,900)	-19.45%	142,565,367	129,878,380	(12,686,987)	-8.90%
Government								
Small_Non Demand	415,540	201,532	(214,008)	-51.50%	2,258,631	1,338,331	(920,300)	-40.75%
Small-Demand	2,475,136	2,256,934	(218,202)	-8.82%	13,546,756	14,290,227	743,471	5.49%
Large	2,001,526	1,461,575	(539,951)	-26.98%	11,215,984	9,580,834	(1,635,150)	-14.58%
Public St. Lites	448,050	412,839	(35,211)	-7.86%	2,821,615	2,576,093	(245,522)	-8.70%
Sub-total	5,340,252	4,332,879	(1,007,373)	-18.86%	29,842,985	27,785,485	(2,057,500)	-6.89%
Total-Civilian	31,016,677	25,016,404	(6,000,273)	-19.35%	172,408,352	157,663,865	(14,744,487)	-8.55%
USN	6,074,747	3,990,233	(2,084,514)	-34.31%	32,824,227	28,071,854	(4,752,374)	-14.48%
Grand Total	37,091,424	29,006,637	(8,084,787)	-21.80%	205,232,580	185,735,719	(19,496,860)	-9.50%

GPA Work Session - May 21, 2020 - DIVISION REPORTS

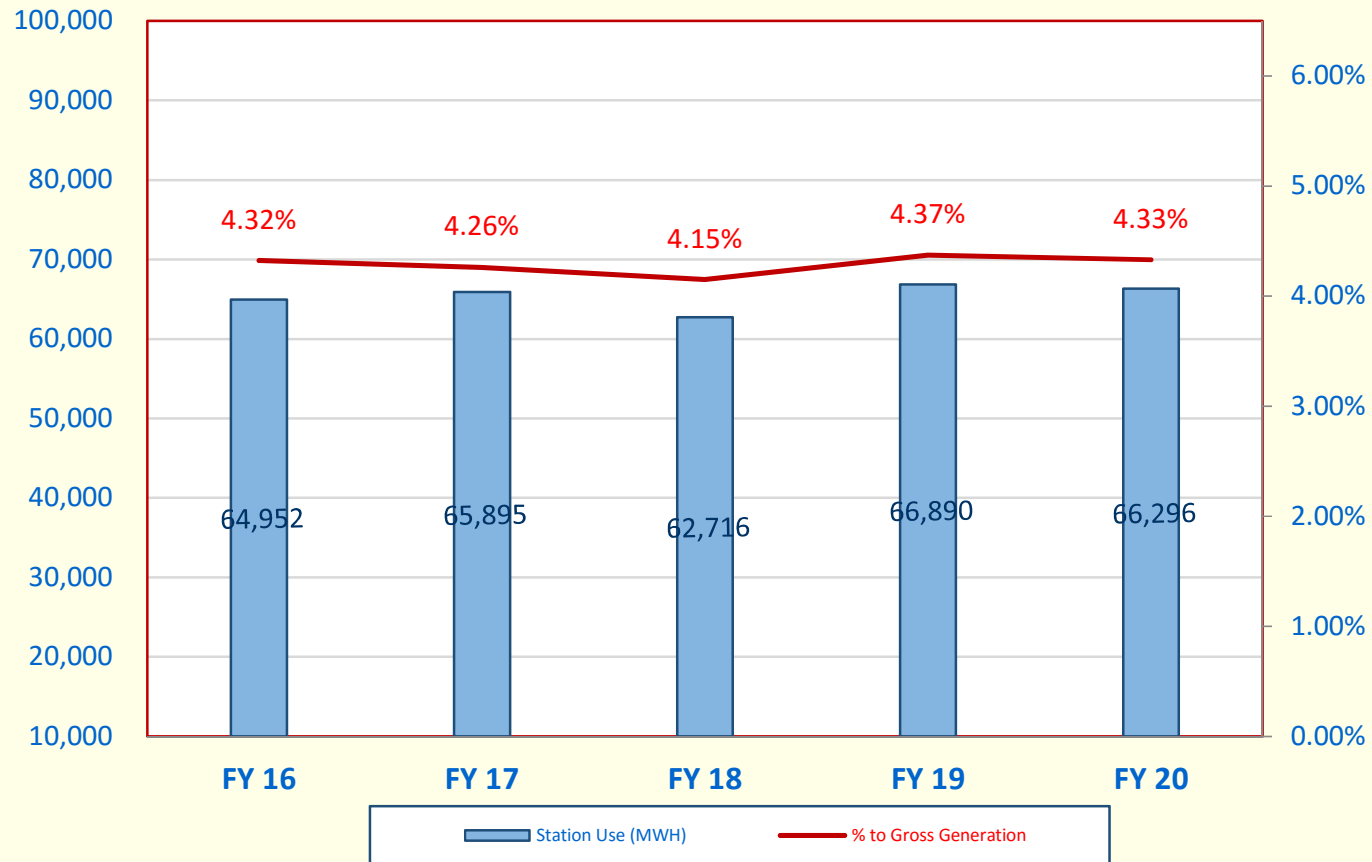
	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 6 MONTHS ENDED MARCH 31				ACTUALS - MONTH ENDED MARCH 31			
	2020	2019	VARIANCE	% VARIANCE	2020	2019	VARIANCE	% VARIANCE
KWH								
Residential	242,446,295	235,179,280	7,267,015	3.09%	43,576,314	40,399,698	3,176,617	7.86%
Small General-Non-Demand	31,267,026	38,595,735	(7,328,709)	-18.99%	5,015,822	6,549,399	(1,533,578)	-23.42%
Small General-Demand	94,397,182	89,704,214	4,692,968	5.23%	14,883,043	15,250,813	(367,770)	-2.41%
Large	143,827,827	148,562,189	(4,734,363)	-3.19%	21,597,825	24,793,966	(3,196,141)	-12.89%
Independent Power Producers	196,188	191,302	4,886	2.55%	29,018	34,407	(5,389)	-15.66%
Private St. Lites	196,963	198,731	(1,768)	-0.89%	31,198	32,171	(972)	-3.02%
Sub-total	512,331,481	512,431,451	(99,970)	-0.02%	85,133,221	87,060,454	(1,927,233)	-2.21%
Government								
Small_Non Demand	4,275,993	6,812,153	(2,536,160)	-37.23%	667,442	1,192,582	(525,140)	-44.03%
Small-Demand	50,677,591	46,956,070	3,721,521	7.93%	8,360,160	8,144,760	215,400	2.64%
Large	35,138,107	35,390,891	(252,784)	-0.71%	5,578,414	5,983,823	(405,409)	-6.78%
Public St. Lites	3,521,039	4,588,216	(1,067,177)	-23.26%	540,956	710,856	(169,900)	-23.90%
Sub-total	93,612,730	93,747,329	(134,599)	-0.14%	15,146,971	16,032,021	(885,050)	-5.52%
Total-Civilian	605,944,211	606,178,780	(234,570)	-0.04%	100,280,192	103,092,475	(2,812,283)	-2.73%
USN	151,049,405	150,956,093	93,312	0.06%	24,905,070	26,077,843	(1,172,773)	-4.50%
Grand Total	756,993,615	757,134,873	(141,258)	-0.02%	125,185,262	129,170,318	(3,985,056)	-3.09%
Non-Oil Yield								
Residential	0.096416	0.096646	-0.000230	-0.24%	0.097201	0.097525	-0.000324	-0.33%
Small General-Non-Demand	0.144077	0.138749	0.005328	3.84%	0.147653	0.140039	0.007613	5.44%
Small General-Demand	0.122396	0.121337	0.001059	0.87%	0.123774	0.123673	0.000101	0.08%
Large	0.105898	0.104753	0.001146	1.09%	0.111442	0.106845	0.004597	4.30%
Independent Power Producers	0.122187	0.134838	-0.012651	-9.38%	0.113059	0.138932	-0.025874	-18.62%
Private St. Lites	0.626040	0.628810	-0.002770	-0.44%	0.648052	0.643095	0.004957	0.77%
Sub-total	0.106987	0.106710	0.000277	0.26%	0.108639	0.108176	0.000463	0.43%
Government								
Small_Non Demand	0.164089	0.151208	0.012880	8.52%	0.167472	0.151317	0.016155	10.68%
Small-Demand	0.134263	0.134317	-0.000054	-0.04%	0.135489	0.135944	-0.000445	-0.33%
Large	0.126513	0.125813	0.000700	0.56%	0.129234	0.126433	0.002801	2.22%
Public St. Lites	0.583662	0.477816	0.105847	22.15%	0.628692	0.510358	0.118334	23.19%
Sub-total	0.149620	0.149146	0.000474	0.32%	0.152209	0.150134	0.002075	1.38%
Total-Civilian	0.113573	0.113273	0.000300	0.26%	0.115220	0.114701	0.000519	0.45%
USN	0.062743	0.066429	-0.003686	-5.55%	0.059607	0.080559	-0.020952	-26.01%
Grand Total	0.103431	0.103933	-0.000503	-0.48%	0.104156	0.107808	-0.003652	-3.39%
Non-Oil Revenues								
Residential	23,375,623	22,729,167	646,456	2.84%	4,235,670	3,939,996	295,674	7.50%
Small General-Non-Demand	4,504,868	5,355,132	(850,264)	-15.88%	740,599	917,173	(176,574)	-19.25%
Small General-Demand	11,553,861	10,884,435	669,426	6.15%	1,842,135	1,886,118	(43,983)	-2.33%
Large	15,231,118	15,562,263	(331,145)	-2.13%	2,406,913	2,649,119	(242,206)	-9.14%
Independent Power Producers	23,972	25,795	(1,823)	-7.07%	3,281	4,780	(1,500)	-31.37%
Private St. Lites	123,307	124,964	(1,657)	-1.33%	20,218	20,689	(471)	-2.27%
Sub-total	54,812,748	54,681,755	130,993	0.24%	9,248,816	9,417,875	(169,060)	-1.80%
Government								
Small_Non Demand	701,642	1,030,053	(328,412)	-31.88%	111,778	180,458	(68,680)	-38.06%
Small-Demand	6,804,131	6,306,985	497,147	7.88%	1,132,709	1,107,152	25,558	2.31%
Large	4,445,429	4,452,641	(7,212)	-0.16%	720,921	756,552	(35,631)	-4.71%
Public St. Lites	2,055,098	2,192,321	(137,223)	-6.26%	340,095	362,791	(22,696)	-6.26%
Sub-total	14,006,300	13,982,000	24,300	0.17%	2,305,503	2,406,953	(101,450)	-4.21%
Total-Civilian	68,819,048	68,663,755	155,293	0.23%	11,554,319	11,824,828	(270,509)	-2.29%
USN	9,477,251	10,027,836	(550,585)	-5.49%	1,484,507	2,100,805	(616,298)	-29.34%
Grand Total	78,296,299	78,691,591	(395,292)	-0.50%	13,038,826	13,925,633	(886,807)	-6.37%
% of Total Revenues								
Oil Revenues								
Residential	35,452,411	36,274,523	(822,112)	-2.27%	5,859,881	6,231,330	(371,449)	-5.96%
Small General-Non-Demand	4,576,573	5,953,083	(1,376,510)	-23.12%	674,498	1,010,192	(335,695)	-33.23%
Small General-Demand	13,833,018	13,830,257	2,762	0.02%	2,000,472	2,351,282	(350,810)	-14.92%
Large	21,146,795	22,807,994	(1,661,199)	-7.28%	2,892,028	3,807,648	(915,619)	-24.05%
Independent Power Producers	27,708	28,461	(754)	-2.65%	3,635	5,116	(1,481)	-28.94%
Private St. Lites	29,127	30,653	(1,526)	-4.98%	4,195	4,962	(767)	-15.45%
Sub-total	75,065,632	78,924,971	(3,859,339)	-4.89%	11,434,710	13,410,530	(1,975,820)	-14.73%
Government								
Small_Non Demand	636,689	1,050,720	(414,031)	-39.40%	89,754	183,946	(94,193)	-51.21%
Small-Demand	7,486,096	7,242,598	243,498	3.36%	1,124,224	1,256,264	(132,040)	-10.51%
Large	5,135,405	5,392,969	(257,565)	-4.78%	740,653	912,131	(171,478)	-18.80%
Public St. Lites	520,995	707,696	(186,700)	-26.38%	72,744	109,644	(36,899)	-33.65%
Sub-total	13,779,185	14,393,983	(614,798)	-4.27%	2,027,376	2,461,985	(434,610)	-17.65%
Total-Civilian	88,844,817	93,318,954	(4,474,137)	-4.79%	13,462,085	15,872,515	(2,410,429)	-15.19%
USN	18,594,603	23,117,366	(4,522,763)	-19.56%	2,505,726	3,144,616	(638,890)	-20.32%
Grand Total	107,439,421	116,436,321	(8,996,900)	-7.73%	15,967,811	19,017,130	(3,049,320)	-16.03%
% of Total Revenues								
Grand Total								
Residential	58,828,033	59,003,689	(175,656)	-0.30%	10,095,552	10,171,326	(75,775)	-0.74%
Small General-Non-Demand	9,081,441	11,308,215	(2,226,774)	-19.69%	1,415,097	1,927,366	(512,269)	-26.58%
Small General-Demand	25,386,880	24,714,692	672,187	2.72%	3,842,607	4,237,399	(394,792)	-9.32%
Large	36,377,913	38,370,257	(1,992,344)	-5.19%	5,298,941	6,456,767	(1,157,826)	-17.93%
Independent Power Producers	51,679	54,256	(2,577)	-4.75%	6,916	9,896	(2,980)	-30.12%
Private St. Lites	152,434	155,617	(3,183)	-2.05%	24,414	25,651	(1,237)	-4.82%
Sub-total	129,878,380	133,606,726	(3,728,346)	-2.79%	20,683,525	22,828,405	(2,144,879)	-9.40%
Government								
Small_Non Demand	1,338,331	2,080,773	(742,443)	-35.68%	201,532	364,404	(162,873)	-44.70%
Small-Demand	14,290,227	13,549,583	740,644	5.47%	2,256,934	2,363,416	(106,482)	-4.51%
Large	9,580,834	9,845,611	(264,777)	-2.69%	1,461,575	1,668,683	(207,108)	-12.41%
Public St. Lites	2,576,093	2,900,016	(323,923)	-11.17%	412,839	472,435	(59,596)	-12.61%
Sub-total	27,785,485	28,375,983	(590,498)	-2.08%	4,332,879	4,868,938	(536,059)	-11.01%
Total-Civilian	157,663,865	161,982,709	(4,318,844)	-2.67%	25,016,404	27,697,343	(2,680,939)	-9.68%
USN	28,071,854	33,145,202	(5,073,348)	-15.31%	3,990,233	5,245,421	(1,255,188)	-23.93%
Grand Total	185,735,719	195,127,911	(9,392,192)	-4.81%	29,006,637	32,942,764	(3,936,127)	-11.95%

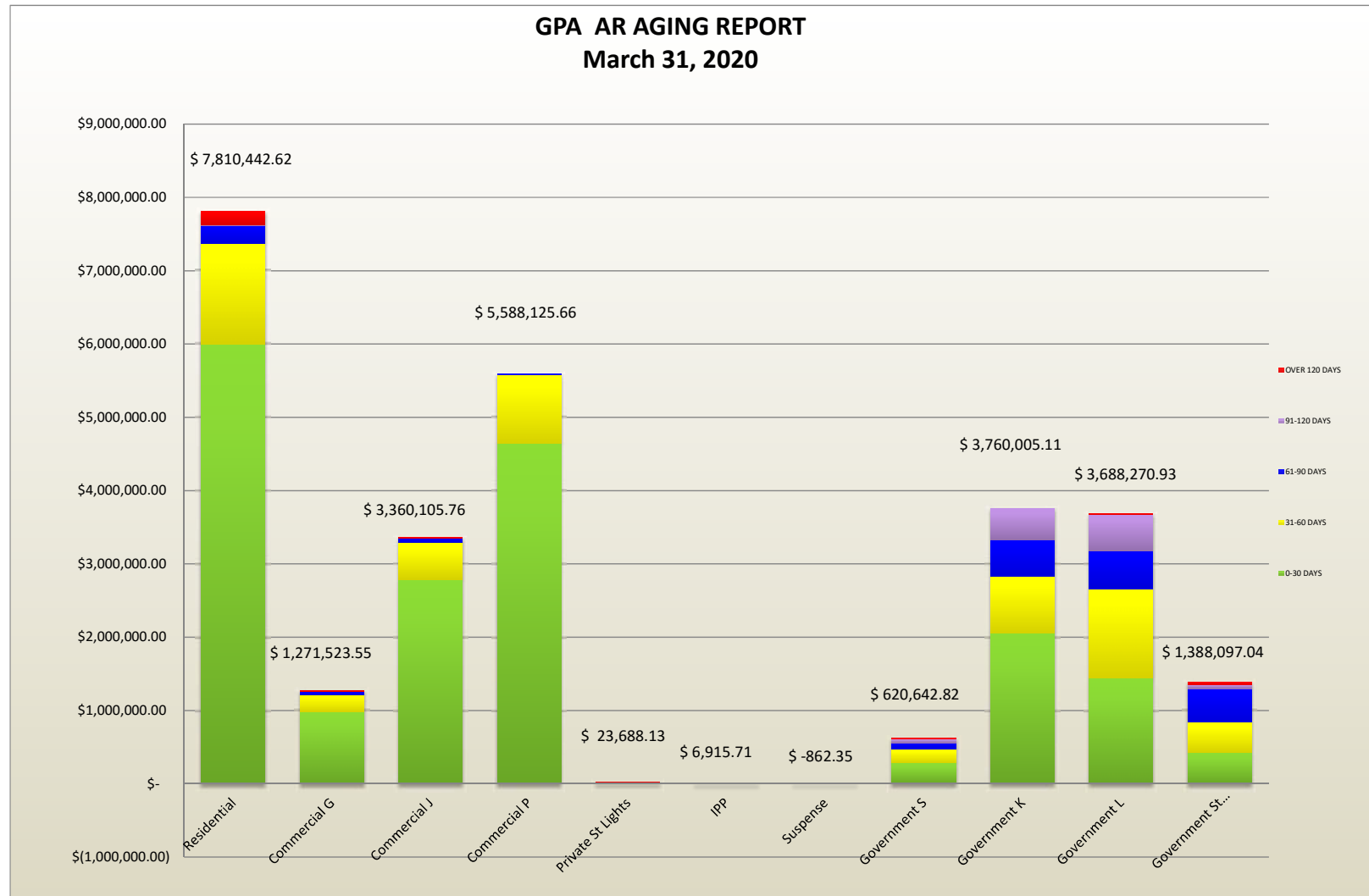






**GPA - Station Usage(MWH) Without Renewables and Aggreko
For the Last 5 Years Thru 03.31.20-Moving 12 Months**





GPA Work Session - May 21, 2020 - DIVISION REPORTS

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
Billing up to April 30, 2020 and payments as of 05/19/2020

Current (04/20 Billing due 05/31/20)
30 days Arrears (3/31/20 due 04/30/20)
60 days and over Arrears (02/20 billing due 3/31/20)

CC&B ACCT NUMBER	CC&B New Acct Number	DEPARTMENT	CC&B BALANCE 03/31/2020	CANCEL/REBILL SPEC CHARGE 04/30/2020	BILLING 04/30/2020	PAYMENT UP TO 05/19/2020	CC&B BALANCE 05/19/2020
Line Agencies							
0237100000	1073430238	Dept. of Corrections	75,713.86	-	72,455.18	-	148,169.04
0437100000	0040515913	Dept. of Parks & Rec	31,669.96	(131.63)	11,187.76	-	42,726.09
0537100000	0453170939	Guam Fire Department	15,843.57	-	16,348.66	(15,843.57)	16,348.66
6995000000	8564647941	DOA Supply Mgmt (NET METERED)	2,892.62	(13.32)	982.73	(1,775.71)	2,086.32
7895000000	4211873236	Dept. of Administration	9,287.89	(45.27)	3,133.27	(6,036.15)	6,339.74
1337100000	4554808900	Nieves Flores Library	7,697.77	-	8,137.56	-	15,835.33
2206200000	9541109130	General Services Agency	778.97	(3.93)	252.05	(524.57)	502.52
2237100000	1621790133	DOA-Data Processing	8,624.71	-	8,408.35	-	17,033.06
2337100000	1896187753	Dept. of PH&SS	36,247.14	-	34,264.86	-	70,512.00
3237100000	7252821074	Dept. of Education	3,932,794.59	-	735,025.35	(1,108,076.98)	3,559,742.96
3337100000	0266069082	Guam Police Department	94,060.91	(346.80)	45,342.11	(94,060.91)	44,995.31
3569100000	6069461950	Dept. of Youth Affairs (Federal)	360.48	-	120.78	-	481.26
4437100000	2913461537	Dept. of Youth Affairs (Local)	11,566.64	-	11,398.04	-	22,964.68
4737100000	3404311949	Guam Environmental Protect	12,435.51	-	5,307.11	-	17,742.62
5437100000	3227759982	Mental Health/Subst	81,627.61	-	40,992.60	(41,365.58)	81,254.63
	6841080463	Guam Behavioral Health & Wellness	3,563.67	-	1,884.26	-	5,447.93
7200300000	0070861777	Veteran Affairs	3,589.54	-	1,602.90	-	5,192.44
	6243861917	Guam Veterans Affairs Office	0.00	-	-	-	0.00
7437100000	8300435373	Civil Defense (Military Affairs)	35,864.12	(177.16)	11,480.45	-	47,167.41
7463300000	7813165805	Pacific Energy Resource Center	1,102.64	(5.19)	193.23	-	1,290.68
8137100000	1595186609	Dept. of Agriculture	17,445.22	(66.98)	7,472.00	(17,445.22)	7,405.02
8337100000	2535590089	DPW-FAC Adm Account	53,246.35	(206.62)	24,146.18	-	77,185.91
8437100000	7928924534	Guam Visitors Bureau	3,590.64	-	3,235.84	-	6,826.48
8446300000	7663706771	Yona Senior Citizen Center	2,510.59	(11.88)	701.08	-	3,199.79
9437100000	4129948191	Dept. of Chamorro Affairs/Chamorro Village	5,792.98	(22.18)	2,326.98	(2,959.39)	5,138.39
	3558733700	Dept. of Chamorro Affairs/Chamorro Village (NET METERED)	282.76	(1.06)	140.85	(140.85)	281.70
5247210000	5247210000	Mayors Council	39,140.57	(246.17)	6,283.64	-	45,178.04
6293410000	6293410000	Office of the Governor	69,641.00	(348.55)	22,131.14	-	91,423.59
8555858369	8555858369	Dept. of Chamorro Affairs (Guam Museum)	40,720.08	(156.00)	17,579.76	-	58,143.84
	1099514147	Dept. of Chamorro Affairs/Repository	803.01	(3.21)	343.47	-	1,143.27
Sub Total			4,598,895.40	(1,785.95)	1,092,878.19	(1,268,228.93)	4,401,758.71
MAYORS							
0637100000	3832327736	Santa Rita Mayor	10,421.33	(52.94)	2,822.48	-	13,190.87
0737100000	9351070242	Ordol/Chalan Pago Mayor	2,983.19	(15.09)	621.16	-	3,589.26
1537100000	6393530237	Hagatna Mayor	1,622.77	(8.42)	499.53	-	2,113.88
1637100000	3293808984	Piti Mayor	3,805.11	(19.69)	932.80	-	4,718.22
1737100000	8715052935	Mongmong/Toto/Marte Mayor	4,413.76	(22.66)	1,128.76	-	5,519.86
2637100000	0492244686	Asan/Maina/Adelup Mayor	2,195.84	(10.42)	837.13	-	3,022.55
2737100000	8433959204	Sinajana Mayor	9,988.87	(51.22)	2,233.92	-	12,171.57
3637100000	8041715847	Dededo Mayor	17,852.68	(93.17)	4,575.72	-	22,325.23
4637100000	7037924246	Yigo Mayor	11,771.39	(61.45)	2,616.73	-	14,326.67
5637100000	7202265287	Umatac Mayor	3,633.23	(17.93)	1,053.88	-	4,699.18
6537100000	8472200165	Agaña Hts. Mayor	13,447.90	(68.70)	2,747.79	-	16,126.99
6637100000	4469579998	Manito Mayor	3,211.95	(16.98)	653.49	-	3,848.46
6737100000	5763167341	Barrigada Mayors Office	7,871.35	(41.83)	1,663.67	-	9,493.19
7537100000	7247791682	Agat Mayor	8,009.38	(43.27)	2,048.75	-	10,014.87
7637100000	6078244037	Inarajan Mayor	7,401.63	(35.98)	2,327.99	-	9,693.64
8537100000	6957205325	Tamuning Mayor	17,330.31	(87.24)	5,051.18	-	22,294.25
8637100000	1880297633	Talofolo Mayor	5,881.56	(29.36)	1,765.42	-	7,617.61
9537100000	3631627996	Mangilao Mayor	12,439.95	(63.95)	3,672.44	-	16,048.44
9637100000	1837525565	Yona Mayor	4,167.62	(21.26)	979.60	-	5,125.96
Sub Total			\$ 148,449.81	\$ (761.56)	\$ 38,232.45	\$ -	\$ 185,920.70
DPW ACCOUNTS							
4337100000	3045433600	DPW-Village St. Lights	1,009,541.90	(5,156.38)	319,599.36	-	1,323,984.88
5337100000	0930959866	DPW- Primary St. Lights	322,251.54	(1,870.55)	70,384.30	-	390,765.29
6337100000	3088040552	DPW-Sec/Col St. Lights	65,152.69	(341.10)	19,420.86	-	84,232.45
7337100000	0832698062	DPW-Signal Lights	20,017.38	(75.33)	9,040.28	-	28,982.33
Sub Total			\$ 1,416,963.51	\$ (7,443.36)	\$ 418,444.80	\$ -	\$ 1,827,964.95
(B) AUTONOMOUS/PUBLIC CORP							
1437100000	1540692966	Retirement Fund	12,265.03	(46.62)	5,493.66	(12,265.03)	5,447.04
1915500000	0563872892	Guam Housing Corp Rental Division	1,658.78	(45.63)	834.63	-	834.63
2437100000	5434075703	University of Guam	158,521.73	-	143,177.96	(158,521.73)	143,177.96
4237100000	7736362694	Guam Airport Authority	476,079.30	(3,408.76)	303,074.45	(476,079.30)	299,665.69
5357510000	5357510000	University of Guam (NET METERED)	69,905.88	-	61,356.43	(69,905.88)	81,356.43
6237100000	1699407298	G H U R A	31,547.91	(126.87)	21,201.47	(31,029.29)	21,593.22
6437100000	6518220019	Guam Community College	43,304.89	-	38,366.91	(43,304.89)	38,366.91
7237100000	830237726	Guam Memorial Hospital	35,985.39	(167.58)	27,116.45	(35,985.39)	27,548.87
8426836906	8426836906	Guam Memorial Hospital (NET METERED)	131,545.99	(953.41)	121,221.77	(131,545.99)	120,268.36
9137100000	4474308144	Port Authority of Guam	174,410.34	(636.87)	90,582.55	(264,356.02)	-
9157510000	9157510000	Guam Community College (NET METERED)	30,054.53	-	25,458.47	(30,054.53)	25,458.47
9173210000	9173210000	Guam Solid Waste Authority	5,432.59	-	5,272.00	-	10,704.59
9337100000	0838495949	Guam Waterworks Authority	1,232,679.78	-	1,142,776.64	(1,232,679.78)	1,142,776.64
8237100000	4075014800	GPA	-	(75,445.41)	75,445.41	-	221.44
	9699497595	Guam Power Authority - Wake St Light	221.44	-	-	-	221.44
Sub Total			\$ 2,403,613.58	\$ (80,831.15)	\$ 2,061,978.80	\$ (2,487,340.98)	\$ 1,897,420.25
(C) OTHERS							
0337100000	7541928173	Guam Legislature	657.22	(2.54)	297.20	(657.22)	294.66
9503154359	9503154359	Guam Legislature (NET METERED)	14,949.43	(57.60)	6,512.89	(14,949.43)	6,455.29
1237100000	8353274954	Superior Court of Guam	51,124.52	-	43,568.13	(51,124.52)	43,568.13
2537100000	8108458168	Guam Post Office (Agana)	5,522.60	-	4,646.55	(10,169.15)	-
2570200000	8972267005	Customs & Quarantine Agency	1,744.36	(8.45)	608.82	-	2,344.73
3537100000	4530787043	U S Post Office	35,022.64	-	32,405.51	(35,022.64)	32,405.51
5537100000	8607446812	Dept. of Military Affairs	67,050.92	(505.21)	64,797.05	(67,050.92)	64,291.84
3209463043	3209463043	Dept. of Military Affairs (NET METERED)	15,243.04	(112.57)	16,257.03	(15,243.04)	16,144.46
5737100000	8000770568	KGTF	19,356.72	(97.00)	5,930.52	-	25,190.24
7281000000	6602568745	Tamuning Post Office	4,775.06	-	4,764.66	(9,539.72)	-
Sub Total			\$ 215,446.51	\$ (783.37)	\$ 179,788.36	\$ (203,756.64)	\$ 190,894.86
GRAND TOTAL			\$ 8,783,368.81	\$ (91,605.39)	\$ 3,791,322.80	\$ (3,979,326.55)	\$ 4,603,759.17