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From: Speaker's Office <speaker@guamlegislature.org>
Sent: Friday, June 26, 2020 4:05 PM
To: Clerks Office
Cc: Rennae Meno
Subject: Messages and Communications
Attachments: Documents related to the CCU meeting of 06-23-20.pdf

06-26-20	12:16 PM	06-23-20	Documents related to the CCU meeting of 06-23-20.*	Consolidated Commission on Utilities	35GL-20-1920

Sinseru yan Minagåhet,

Office of the Speaker • Tina Rose Muña Barnes
Committee on Public Accountability, Human Resources & the Guam Buildup

35th Guam Legislature
I Mina'trentai Singko na Liheslaturan Guåhan

Guam Congress Building | 163 Chalan Santo Papa | Hagatna, GU 96910
T: (671) 477-2520/1
speaker@guamlegislature.org

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Gumai pribilehu yan konfedensia este siha na mensåhi. Solo espesiåtmente para hågu ma entensioña pat ma aturisa para unrisibi. Sen prubidu kumu ti un ma aturisa para manribisa, na'setbe, pat mandespåtcha. Yanggen lachi rinisibu-mu nu este na mensåhi , put fabot ago' guatu gi I numa'huyong gi as speaker@guamlegislature.org yan despues destrosa todu siha I kopian mensåhi. Si Yu'os ma'åse'.

clerks@guamlegislature.org

From: Speaker's Office <speaker@guamlegislature.org>
Sent: Friday, June 26, 2020 4:47 PM
To: Clerks Office
Cc: Rennae Meno
Subject: M&C Fwd: l.sablan@gpagwa.com sent you files via WeTransfer AMEND

Buenas and Hafa Adai Clerks,
Please Attach the forwarded email to Messages and Communications 35GL-20-1920.
Thank you and Have a nice day.

Sinseru yan Minagåhet,

Office of the Speaker • Tina Rose Muña Barnes
Committee on Public Accountability, Human Resources & the Guam Buildup

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sent you some files

8 items, 8.87 MB in total · Expires on 3 July, 2020

Dear Governor & Speaker:

Pursuant to P.L. 31-233 attached are the meeting materials, minutes and resolutions that were presented and discussed at the CCU meeting on June 23, 2020.

Respectfully,
B. Lou Sablan
CCU Board Secretary

Get your files

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https://wetransfer.com/downloads/355186c6169ebf6d842a394a1f11f8eb20200626013705/7f3239b31266846ecee89024e938e4a320200626021614/6196db

8 items

CCU 6.23.20.pdf

6.61 MB

Minutes April 28, 2020.pdf
764 KB

Resolution 2020-13 Approval of PMC Contract Cabras 1&2.pdf
68.7 KB

Resolution 2020-14 Retirment of Piti 8&9.pdf
71.7 KB

Resolution 2020-15 COVID-19 Related Payment Plan.pdf
96.2 KB

Resolution 28-FY2020 Amendment for Indefinite Delivery_Qty Professional Project Constr Mgmt Svcs Contract.pdf
587 KB

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CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., June 23, 2020

AGENDA

1. **CALL TO ORDER**

2. **APPROVAL OF MINUTES**

3. **GPA**
   - 3.1 **GM Report**
   - 3.2 **Financials**
   - 3.3 **Resolution 2020-13 Authorization of Cabras 1&2 PMC Contract**
   - 3.4 **Resolution 2020-14 Authorization the Retirement of Piti 8&9 Slow Speed Diesel Units**

4. **GWA**
   - 4.1 **GM Report**
   - 4.2 **Financials**
   - 4.3 **Resolution 28-FY2020 Relative to Approval of Amendment for the Indefinite Delivery/Indefinite Quantity Professional Project/Construction Management Services Contract**
   - 4.4 **Resolution 29-FY2020 Relative to Approving the Guam Waterworks Authority's "2020-2024 Capital Improvement Plan (CIP) Supplement"**

5 **OTHER DISCUSSION**
   - 5.1 **Past Actions Relative to Pay Adjustments**
   - 5.2 **Proposed CCU Rules**

6 **ANNOUNCEMENTS**
   - 6.1 **Next CCU Meetings: GWA WS – 7/22; GPA WS - 7/23; CCU Mtg – 7/28**

7. **ADJOURNMENT**

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., April 28, 2020

MINUTES

1. CALL TO ORDER

The CCU Chairman called the regular meeting of April 28, 2020 to order at 5:36 p.m. He said all five (5) Commissioners were present – Comm. Santos was present via GoToMeeting. Others in attendance include:

Commissioners:

Joseph T. Duenas	CCU Chairman
Francis E. Santos	CCU Vice Chairman [via GoTo Mtg]
Michael T. Limtiaco	CCU Secretary
Judith P. Guthertz	CCU Treasurer
Simon A. Sanchez	Commissioner

Executive Mgmt.:

Miguel Bordallo	GM / GWA
John Benavente	GM / GPA
Tricee Limtiaco	AGMA / GPA
John Kim	CFO / GPA
Taling Taitano	CFO / GWA

Management & Staff:

Vien Wong	IT Support / GPA
Vladimir Navaska	IT Support / GPA
Lou Sablan	Board Secretary / CCU, GPA, GWA

2. APPROVAL OF MINUTES

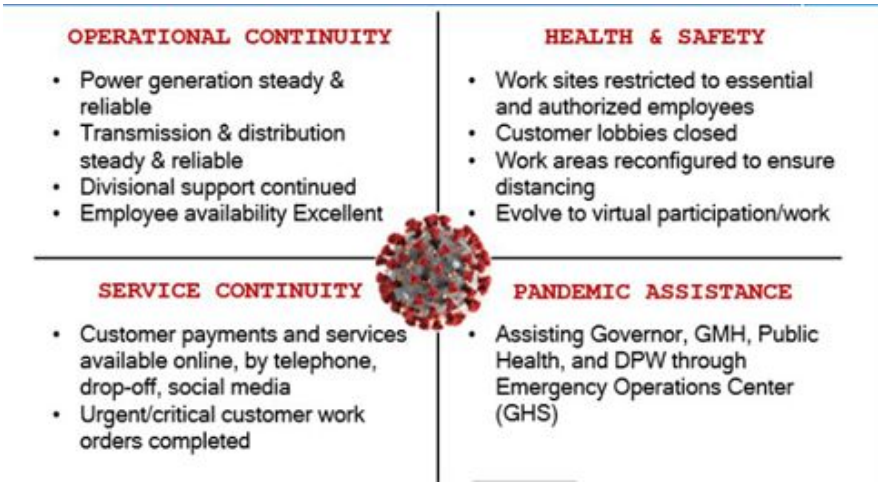
The Minutes of November 26, 2019, January 28, 2020 and February 21, 2020 were presented for approval.

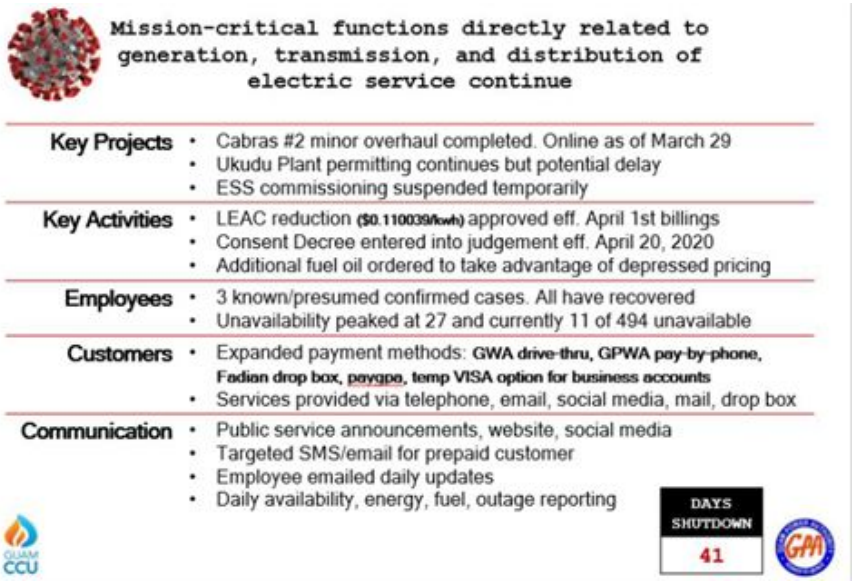
Comm. Limtiaco motioned to approve both Minutes subject to verification & written correction. There was no further discussion or objection and the motion carried unanimously.

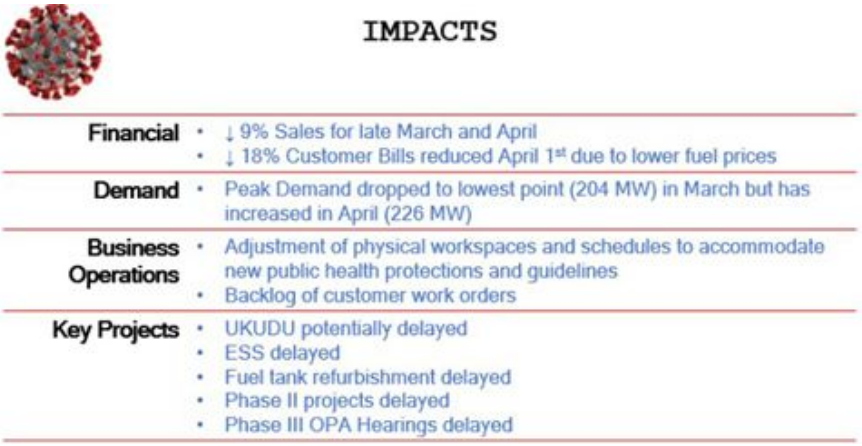
3. GPA

3.1 GM Report

GM Benavente updated the Commission on COVID-19 related status – highlights are noted below.


OPERATIONAL CONTINUITY
• Power generation steady & reliable
• Transmission & distribution steady & reliable
• Divisional support continued
• Employee availability Excellent
HEALTH & SAFETY
• Work sites restricted to essential and authorized employees
• Customer lobbies closed
• Work areas reconfigured to ensure distancing
• Evolve to virtual participation/work
SERVICE CONTINUITY
• Customer payments and services available online, by telephone, drop-off, social media
• Urgent/critical customer work orders completed
PANDEMIC ASSISTANCE
• Assisting Governor, GMH, Public Health, and DPW through Emergency Operations Center (GHS)


Mission-critical functions directly related to generation, transmission, and distribution of electric service continue
Key Projects
• Cabras #2 minor overhaul completed. Online as of March 29
• Ukudu Plant permitting continues but potential delay
• ESS commissioning suspended temporarily
Key Activities
• LEAC reduction ($0.110039/kwh) approved eff. April 1st billings
• Consent Decree entered into judgement eff. April 20, 2020
• Additional fuel oil ordered to take advantage of depressed pricing
Employees
• 3 known/presumed confirmed cases. All have recovered
• Unavailability peaked at 27 and currently 11 of 494 unavailable
Customers
• Expanded payment methods: GWA drive-thru, GPWA pay-by-phone, Fadian drop box, paygpa, temp VISA option for business accounts
• Services provided via telephone, email, social media, mail, drop box
Communication
• Public service announcements, website, social media
• Targeted SMS/email for prepaid customer
• Employee emailed daily updates
• Daily availability, energy, fuel, outage reporting
DAYS SHUTDOWN
41


IMPACTS
Financial
• ↓ 9% Sales for late March and April
• ↓ 18% Customer Bills reduced April 1st due to lower fuel prices
Demand
• Peak Demand dropped to lowest point (204 MW) in March but has increased in April (226 MW)
Business Operations
• Adjustment of physical workspaces and schedules to accommodate new public health protections and guidelines
• Backlog of customer work orders
Key Projects
• UKUDU potentially delayed
• ESS delayed
• Fuel tank refurbishment delayed
• Phase II projects delayed
• Phase III OPA Hearings delayed

FY 2020 REVENUE LOSS - $5.7M

PROJECTED REVENUE LOSS:

Month	FY 2019 KWH	FY 2020 KWH	% Change	KWH Variance	Base Revenue Variance Base @$0.098/Kwh
Oct	132,488,734	131,952,844	-0.4%	(535,890)	
Nov	129,537,402	129,421,048	-0.1%	(116,353)	
Dec	132,189,902	128,957,692	-2.4%	(3,232,210)	
Jan	122,589,564	126,130,305	2.9%	3,540,741	
Feb	111,158,952	115,346,464	3.8%	4,187,511	
Mar	129,170,318	125,185,262	-3.1%	(3,985,056)	($390,535)
Apr	132,395,702	120,480,088	-9.0%	(11,915,613)	($1,167,730)
May	140,411,830	*127,774,765*	-9.0%	(12,637,065)	($1,238,432)
Jun	138,703,568	*127,607,282*	-8.0%	(11,096,285)	($1,087,436)
Jul	139,203,828	*129,459,560*	-7.0%	(9,744,268)	($954,938)
Aug	133,421,884	*126,750,790*	-5.0%	(6,671,094)	($653,767)
Sep	127,049,848	*124,508,851*	-2.0%	(2,540,997)	($249,018)
TOTAL	**1,568,321,532**	**1,513,574,952**	**-3.5%**	**(54,746,580)**	***($5,741,857)***

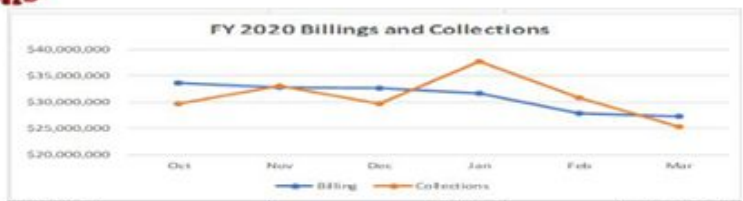
SALES BY RATE CLASS



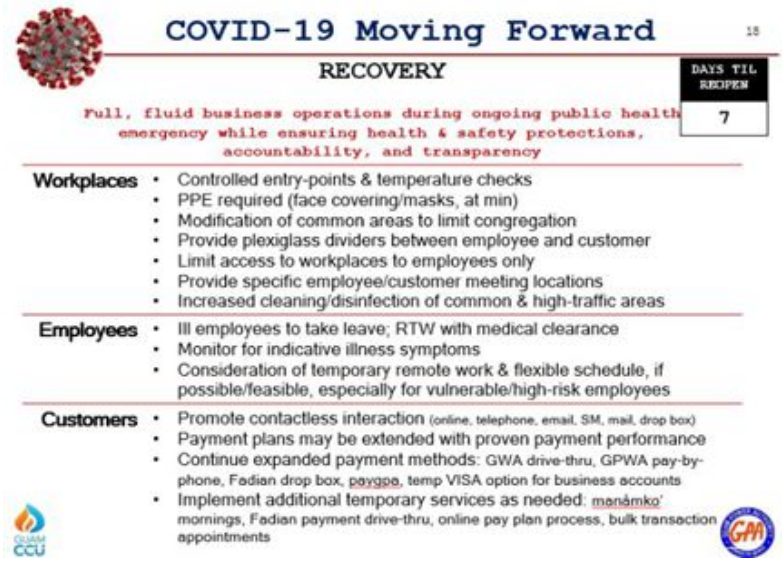
Rate Class MWH:

Rate Class	Mar-18	Mar-19	Mar-20	Mar 2020 versus Mar 2019
Residential	41,542	40,400	43,576	7.9%
Small General Non Demand	6,977	6,549	5,016	-23.4%
Small General Demand	15,917	15,251	14,833	-2.7%
Large Power	26,155	24,794	21,598	-12.9%
Government Small Non Demand	1,194	1,193	667	-44.1%
Small Government Demand	7,889	8,145	8,360	2.6%
Government Large	6,266	5,984	5,578	-6.8%
Navy	25,998	26,078	24,905	-4.5%

FY 2020 BILLINGS AND COLLECTIONS



FY 2020	Billing	Collections
Oct	$ 33,590,910	$ 29,641,313
Nov	$ 32,756,688	$ 33,066,937
Dec	$ 32,648,275	$ 29,708,886
Jan	$ 31,659,839	$ 37,674,261
Feb	$ 27,870,482	$ 30,805,800
Mar	$ 27,350,894	$ 25,352,559
April as of April 23th:		$ 17,900,000





Comm. Sanchez asked a guesstimate of the total double pay expense and CFO Kim said about $600k per month.

It was mentioned that the next LEAC adjustment is on June 15 and management plans to project LEAC from June 2020 to January 2021.

The GM reported that GPA will reopen on May 6 notwithstanding any further Government extensions.

3.2 Financials

Financials were not discussed

3.3 Division Reports

Division Reports were provided but not discussed.

The Chairman called for a 5-minute recess at this point. The time was 6:26pm.

3. GWA

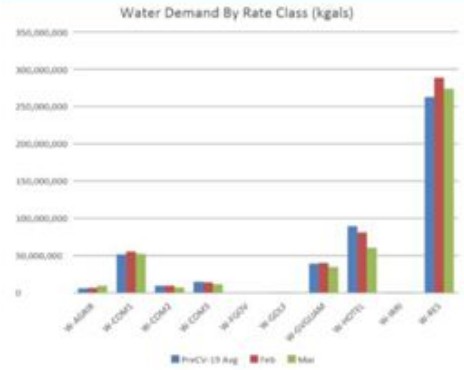
GM Bordallo gave an update on COVID-19 related status.

COVID-19 Impact: Continuity of Operations

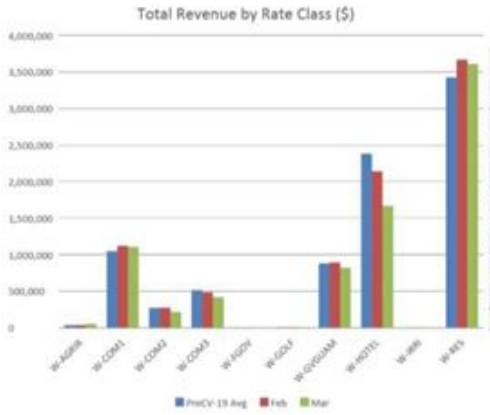
- Essential operations staff to operate as normal
- Non-essential staff
  - Work from home as required
  - On call as required
- Increased PPE where required
- Reduced staffing contingency plans developed
- Reserve operator contingency plans developed
- Emergency pay for essential workers reporting to work sites through the public emergency period
- External Coordination Efforts
  - Regulatory coordination for continued compliance reporting
  - Supply Chain confirmation for critical supplies
  - GUNG activation coordination for Ops staff
  - GHS-OCD Response Action Coordinator activation
  - One-Guam coordination
- Disconnections have been suspended and some previously disconnected customers have been reconnected
- Transition to on-line business processes for customers
- Increase public messaging for service and payment alternatives (including drive thru payment option)
- Working with vendors to move to ACH

COVID-19: Impact on Operations

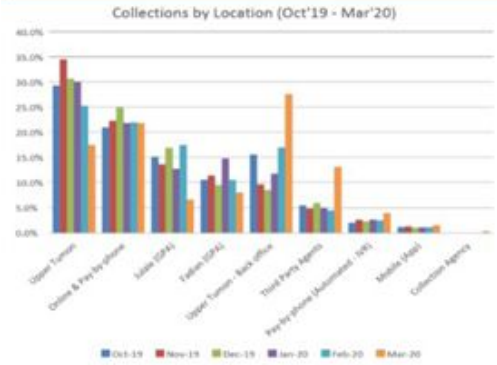
Demand Information FY2020 through March

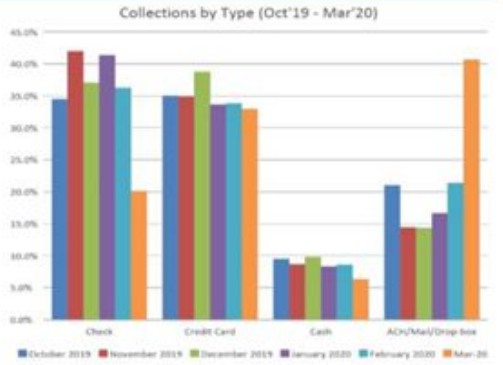


Rate Class	Water Demand (kgals) PreCV-19 Avg (Oct - Jan)	Feb 2020	Mar 2020	% Change Mar vs Pre CV-19
W-AGRIR	5,987,982	6,388,141	9,028,895	50.78%
W-COM1	55,245,410	55,209,956	55,872,694	1.22%
W-COM2	9,390,447	9,443,480	6,992,913	-25.53%
W-COM3	14,768,991	13,841,979	11,337,879	-23.23%
W-FGOV	110,835	128,795	116,805	5.36%
W-GOUF	514,205	541,869	464,933	-9.58%
W-GWGUAM	38,946,241	38,872,889	34,422,782	-11.61%
W-HOTEL	89,231,464	80,752,939	59,979,496	-32.78%
W-IRRI	507,700	576,568	779,599	53.56%
W-RES	262,470,904	288,693,443	273,550,004	4.22%
TOTAL	473,174,179	495,449,989	448,546,000	-5.20%



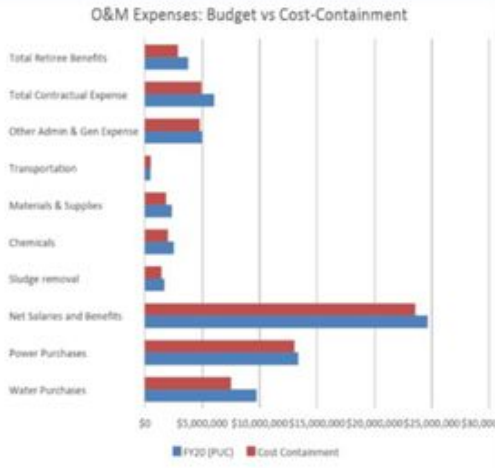
	Total W and WW Revenue ($)				
Rate Class	PreCV-19 Avg (Oct-Jan)	Feb 2020	Mar 2020	% Change Mar20 vs PreCV-19	% Change Mar20 vs Mar19
W-AGRIR	34,838	36,544	50,543	45.1%	15%
W-COM1	1,046,616	1,120,913	1,103,609	5.4%	6%
W-COM2	271,876	274,059	213,047	-21.6%	-13%
W-COM3	516,130	482,773	416,310	-19.0%	-8%
W-FGOV	2,677	3,079	2,979	11.3%	-20%
W-GOLF	8,115	8,436	7,726	-4.8%	61%
W-GVGUAM	880,866	892,602	816,299	-7.3%	14%
W-HOTEL	2,379,925	2,141,413	1,665,452	-30.0%	-24%
W-IRRI	3,223	3,716	4,876	51.3%	45%
W-RES	3,425,527	3,667,326	3,605,207	5.2%	2%
TOTAL	8,567,793	8,630,862	7,886,048	-8.0%	-2%





Initiated Cost Containment Plan based on the following actions to better manage our finances through the balance of this fiscal year

- Personnel expenses:
  - Suspend all hiring EXCEPT for identified critical Operations positions.
  - Suspend any new detailing of positions
  - Suspend all overtime except for emergency situations
  - Suspend Saturday Customer Service hours through September 30, 2020. All other Customer Service centers will resume upon reinstatement of normal operations.
  - Schedule O&M work during the normal workweek only, except where 3-shifts are required (Rovers, SCC, Dispatch)
- Contractual expenses
  - Suspend contracted CCTV work
  - Reduce pump-truck rental
  - Reduce grounds maintenance work by 50%
  - Reduce motor rewinding services
  - Reduce / suspend subscription services
- Operational expenses
  - Maximize the number of wells on standby
  - Reduce and monitor fuel purchases
  - Suspend travel and training except for required certification training
- Other measures to reduce cash outlays
  - Defer IFCIP transfers / expenditures
  - Prioritize outlays that provide a corresponding efficiency or O&M expense reduction



- E.O. 2020-04 (issued 16MAR2020) suspended all non-essential government operations
- E.O. 2020-05 (issued 19MAR2020) clarified essential infrastructure includes utility operations and services supporting those operations
- DPHSS Guidance (issued 19MAR2020) clarified essential infrastructure include public works construction
- GWA issued CIP Memorandum (19MAR2020) to GWA Engineering staff, contractors, engineers and construction managers to ensure continuity of CIP projects
- Initially, a handful of contractors notified GWA of COVID-19 impacts to staffing/schedule
  - ProPacific Builder Corp.: Route 4 Sewerline Rehabilitation project
  - Infratech: Route 1 (Asan – Adelup) Sewerline Rehabilitation project
  - Giant Construction: Talofofo Sewer Improvements project
  - Giant Construction: GWA Line Replacement – Phase IV (permitting stage)
  - Giant Construction: Pale Ferdinand Waterline Replacement (permitting stage)
  - Black Construction: NDWWTP Upgrades
  - AIC: Hyundai Reservoir Project (subcontractor DN Tanks affected by travel restrictions)
- Work was suspended at two sites temporarily; Contractors have resumed operations

CIPs affected by GovGuam closure

- **Tamuning Hot Spots Sewer Line Rehabilitation and Replacement** - building permit stage
- **Sinifa, Santa Rosa, Santa Rita Reservoirs** - building permit stage
- **Fire Hydrant Replacement Phase 1** - building permit stage
- **Piti Reservoir** - waiting on comments from Department of Agriculture for easement request
- **Yigo & Astumbo Reservoirs** - waiting on contractor license renewals to complete electrical work and remainder of punch list items
- **Northern & Southern Reservoirs** - requires meeting with GFD for Agfayan & Inarajan BPS design

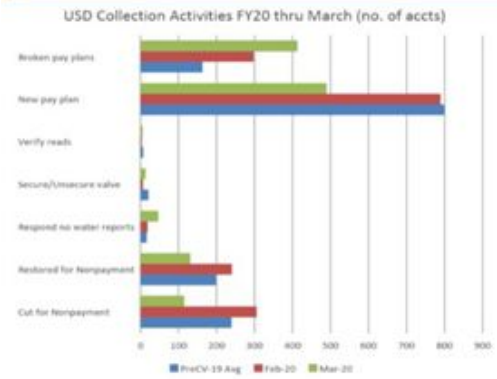
CIPs in pipeline delayed if PHE extends

- **Pressure Zone Realignment Phase 1** – NTP issuance
- **Tank Repair and Bypass Construction** – NTP issuance (Hold up of these 2 permits will impact construction/repair/inspection schedules for the tanks)
- **Water well meter replacement** - NTP issued
- **NWWTP outfall diffuser** – Selection stage
- **Bayside Sewer PS rehabilitation** – Selection stage

- All water and wastewater services are being provided as normal
- Transitioned handling of regular service issues to "on-line" options
  - Customer Service: new service requests, billing issues, and inquiries
  - Engineering: utility verifications, inspections, permits (new construction service inspections suspended; to be evaluated)
- Payment for GWA services provided
  - Suspension of disconnection through emergency period
  - Payment plans / deferrals for residential customers impacted by CV-19
  - Increased/promote payment options / keeping accounts current
  - Suspend limits on credit card transactions

7-Ways to Pay

1. Mobile App: **PAY GPWA**
2. Pay On-line: **PAYGWA.COM**
3. Pay By Phone: **647-4PAY**
4. Auto Pay: ACH form on website
5. Drop Box: Upper Tumon, Fadian
6. Pay Via Mail: POB 3010, Hagatna
7. Drive-Thru: Upper Tumon



	Collection Activities			
	Oct - Jan			% Change
Activity	PreCV-19 Avg	Feb-20	Mar-20	Mar vs PreCV-19
Cut for Nonpayment	239	305	115	-51.8%
Restored for Nonpayment	199	240	130	-34.8%
Respond no water reports	16	18	46	187.5%
Secure/Unsecure valve	20	6	13	-35.8%
Verify reads	7	3	5	-25.9%
New pay plan	800	789	489	-38.9%
Broken pay plans	163	297	412	153.1%

Pay Plan Detail

PERIOD	TOTAL BROKEN	TYPE OF PAY PLAN BROKEN		
		ARREARS	BACK BILL	HARDSHIP
03/01/20 THRU 03/16/20	187	174	13	0
03/16/20 THRU 03/21/20	102	96	6	0
03/22/20 THRU 03/28/20	124	121	3	0
03/29/20 THRU 04/04/20	83	67	16	0
04/05/20 THRU 04/11/20	18	17	1	0
04/12/20 THRU 04/18/20	16	14	2	0
04/19/20 THRU 04/25/20	13	10	2	1
TOTAL	543	499	43	1

GWA Workforce availability
as of April 23, 2020

1	Healthy	352	93.37%
2	Sick, not COVID-19 related	9	2.39%
3	COVID-19 Medical Risk	2	0.53%
4	COVID-19 Quarantined	2	0.53%
5	Military Leave	8	2.12%
6	LTD	4	1.06%
Grand Total		377	100.00%

GWA Workforce availability
as of April 23, 2020

[12]	Healthy/Reporting for duty at worksite	261	69.23%
[13]	Healthy/Reporting for duty - Teleworking	90	23.87%
[14]	Military Leave	8	2.12%
[15]	LTD/Workers Comp	4	1.06%
[04]	Employee sick - symptoms unrelated to COVID-19	9	2.39%
[05]	Employee's direct exposure to a household member - COVID-19 confirmed case	1	0.27%
[06]	Employee's direct exposure to a household member being tested for COVID-19	1	0.27%
[09]	Employee or household member is at medical risk (i.e. COVID-19 vulnerable)	2	0.53%
[11]	Employee wants to electively self-quarantine; status not considered vulnerable - does not report for duty	1	0.27%
Grand Total		377	100.00%

- Essential workers reporting to work sites
  - PPE and sanitation supplies provided
  - Vehicle sanitation between each shift
  - Interaction minimized
  - Social distancing practiced to the extent possible
  - Daily safety messaging and updates
- Non-essential workers teleworking from home
  - VPN access expanded
  - GWA equipment deployed
  - Telework Policy and Procedures issued
  - Telework Work Plan & Agreements being finalized

CFO Kim said all of Finance team have been all been set up with their computers and VPN but is some connectivity issues and employees are using their own internet / power etc.

There was discussion on teleworking and Comm. Santos said this is the new normal.

Comm. Limtiaco asked about timeclocks and commented that this is one large multi-million dollar business that still does manual time sheets. Comm. Duenas added that the E-One software will help with this issue.

Comm. Sanchez said hotels are our largest customers and they are down by 33% and referencing agriculture, he said this sector is up by 45%. GM Bordallo said its due to dry season irrigation.

Comm. Sanchez asked for status on the Asan Adelup. GM Bordallo updated that the project has been delayed perhaps until the end of the calendar year.

The GM update the Commission on GWA's Series 2020 Bond Process. Following is brief highlights.

- All needed approvals obtained with PUC action on March 26th
- Document development
  - Consulting Engineers Report: Near Final Draft in review (complete April 30th)
  - Preliminary Official Statement: Updated Draft in development (post May 19th)
  - Call to discuss CER and POS scheduled for Thursday this week
- Ratings Activity
  - COVID-19 and PUC Approved Rate Plan presented April 16th
  - Ratings presentation scheduled May 8th
- Marketing and Pricing
  - Timing and final scheduling are market dependent
  - GWA, GEDA and team are monitoring market developments
  - EMMA Notice of Proposed Issuance posted March 24th – no feedback yet
  - Soonest to be in the market is mid-May

Top 20 Reported Guam Investors – As of April 2020 (in $millions)

As of April 2020, Guam's top 20 reported holders own over $1.7 billion in Guam's municipal bonds

	GWA	BPT	HOT	GPA	GIAA	Section 30	GDOE	GovGuam GO	PAG	Total Guam Holdings ($000s)
Nuveen	89.64	195.23	6.57	42.03	12.41	39.26	19.61	3.43	2.06	410.23
MacKay Shields	82.02	80.74	20.62	18.59	21.43	10.17	-	-	11.33	244.89
Vanguard	56.13	64.30	-	61.62	13.07	4.39	-	-	-	219.50
AllianceBernstein	12.25	65.50	-	23.52	0.88	22.94	1.97	6.34	-	133.39
Capital Research	18.09	35.54	11.51	21.59	15.64	5.53	-	-	5.82	113.72
Invesco	5.97	15.94	-	48.07	13.00	6.25	-	2.70	5.50	97.42
GSAM	37.80	9.76	-	4.87	18.54	12.03	5.86	2.70	5.70	96.93
USAA / Victory Capital	44.16	5.00	-	26.61	2.26	12.25	-	-	1.50	91.77
MFS	15.29	11.03	-	7.31	1.91	3.92	35.03	-	0.80	75.29
Franklin	16.26	-	10.38	25.99	5.00	-	-	-	-	57.62
Thornburg Investment	10.43	11.48	-	24.54	-	-	-	-	-	46.44
Wells Capital	13.89	5.04	-	1.00	6.12	0.60	5.24	-	7.26	39.15
PineBridge	-	16.61	-	1.46	-	6.90	-	-	0.50	25.47
American Century	9.34	1.00	-	8.37	-	-	2.50	-	1.50	22.71
Macquarie	5.84	8.78	-	1.00	-	-	-	-	2.13	17.74
Van Eck	5.41	6.65	-	0.85	0.20	1.62	1.10	-	-	15.86
Fidelity	-	-	-	6.68	8.79	-	-	-	-	15.47
DWS Investment	2.80	-	-	6.21	3.00	-	-	-	2.00	13.71
Putnam Investment	-	-	0.25	3.00	-	-	1.00	4.90	3.77	12.91
SIT Investment	2.00	2.75	-	0.50	-	0.50	2.73	-	-	8.48
Total	426.79	555.37	49.33	333.76	122.33	126.35	75.03	20.05	49.86	1,758.66

4.2 Financials

In response to the Global Health Emergency declared by the World Health Organization and the national emergency declared by President Donald Trump, on March 14, 2020, Governor Lourdes A. Leon Guerrero, issued Executive Order 2020-03 declaring a state of emergency to respond to Novel Coronavirus (COVID-19). Further, Executive Order 2020-04 ordered the closure of all non-essential Government of Guam offices, the prohibition of large gatherings, and restricted entry into Guam from countries with confirmed COVID-19 cases.

From October 2019 through February 2020, 56% of payments came through the customer service offices in Upper Tumon, Julale, and Fadian. Based on the Executive Orders, GPWA customer service offices were closed on March 16. However, on March 23, 2020, GWA reopened its Upper Tumon drive-thru for the convenience of our cash paying customers as well as those who prefer to make payments in person. GWA has also been encouraging its customers through flyers, social media, and press releases to use alternate ways of paying their water bills.

While YTD consumption improved compared to last year (water consumption +1%, wastewater consumption +3%), March 2020 consumption was down compared to March 2019 (water consumption -15%, wastewater consumption -2%). We continue to monitor bills as they drop in April to determine the impact on hotel consumption due to the lack of tourists as well as on business and government demand due to the closure of non-essential businesses and government agencies. See Schedule K for Water Demand for FY2015 to FY2020.

Revenues are being continuously monitored and a cost containment plan has been put into effect. However, the public health emergency has required additional outlays for emergency pay and other COVID-19 related expenses. While sufficient cash reserves are in place, management will continue to assess the situation and make any course corrections required to ensure continuity of services to our customers while keeping the safety of our staff the highest priority.

Balance Sheet

- Total Assets & Deferred Outflows of Resources were about the same at $912.1M in March 2020 compared to $913.0M in September 2019 or a decrease of $885K. Current Assets decreased by $5.6M, Property, Plant and Equipment increased by $19.5M, and Other Noncurrent Assets decreased by $14.4M. Note that Schedule F contains a schedule of restricted and unrestricted cash and investments.
- The $17.0M or -2% decrease in Liabilities & Deferred Inflow of Resources of $696.7M at March 2020 from $713.8M September 2019 was primarily due to decreases in Current Liabilities of $16.3M.
- Accounts Receivable days were 47 in March 2020 as compared to 50 in September 2019 and Accounts Payable days were 37 in March 2020 as compared to 38 in September 2019.

Statement of Operations and Retained Earnings

- Total Operating Revenues for March 2020 of $8.8M were 13% or $1.3M less than budget and 9% or $856K less than March 2019 due to the impact of the COVID-19 emergency.
- Year to Date Operating Revenues as of March 2020 of $55.5M were $5.2M or 9% less compared to budget and were about the same as last year. Note that the budget, as adopted by the PUC rate order, projected a 5% increase for the entire fiscal year. The rate increase went into effect in March 2020 slightly offsetting reductions in consumption.
- Total Operating Expenses for March 2020 of $7.1 M were $547.2K or 7% less than budget, with all expenses coming in below budget except for Depreciation; there were three pay periods processed in March. Total Operating Expenses for March 2020 were 3% or $176.7K more than March 2019 with the increases in Utilities of $77.5K and Depreciation of $253.5K offset by decreases in Salaries and Benefits of $4.8K, Administrative & General Expenses of $32.1K, Contractual Expense of $72.2K and Retiree Benefits of $45.2K.
- Year to Date Operating Expenses at March 2020 of $43.6.M were $2.2M less than budget of $45.7M with expenses coming in below budget expect for Depreciation, and Provision for Bad Debts. Year to Date Operating Expenses at March 2020 were $2.1M or 5% more than last year's $43.6M with increases in Utility Costs of $1.1M, Administrative & General Expense of 213.9K and Depreciation of $1.50M offset by decreases in Net Salaries and Benefits of $150K, Contractual Expenses of $313.5K, and Retiree Benefits of $278.7K.
- Earnings from Operations for March 2020 of $1.7M were 30% or $756.9K less than budget and 37% or $1.0M less than March 2019. Net Assets for March 2020 of -$88.8K were $3.3M less than budget mainly due to no activity in Grants from US Government and -$4.4M less than March 2019 due to no activity in AFUDC and Grants from US Government.
- Year to Date Earnings from Operations as of March 2020 of $11.9M were 20% or $3.0M less than budget and 14% or $1.9M less than YTD Earnings as of March 2019. Year to Date Change in Net Assets as of March 2020 of $15.5M were $3.6M less than budget mainly due $5.2M less in Grants from US Government than projected. Year to Date Change in Net Assets as of March 2020 were $3.6M or 19% less than YTD as of March 2019.

Key Financial Indicators

Indicator	Target	February 2020	March 2020
DSC YTD			
• Per Section 6.12 of Indenture	1.25	1.45	1.42
• Per PUC / CCU	1.40	1.45	1.42
Days – Cash on Hand	120 days	221 days	187 days
Collection Ratio			
• Month to Date	98%	101%	95%
• Year to Date	98%	99%	98%
Days Billed	30	29	29
Account Receivable Days	45	45	47
Account Payable Days	45	34	37
Employee Count	400 FTE	379FTE	379 FTE
Water Customers	42,644	42,722	42,250
Wastewater Customers	29,687	29,419	29,194

4.3 Resolution No. 22-FY2020 Relative to Approval of Change Order No. 5 and Approving Additional Contingency Funds for the Route 4 Relief Sewer Line Rehabilitation and Replacement

The objective of the Route 4 Relief Sewerline Rehabilitation and Replacement Project is to install cured in place pipe (CIPP) lining in an existing sewer to rehabilitate the sewer by eliminating infiltration into the existing sewer main so that it can be placed into service and relieve excess flows in the adjacent sewer main serving Sinajana, Ordot, Chalan Pago, and nearby villages connected to the main sewer trunk line coming into Hagatna on Route 4. The CIPP work is being done under a contract with InsituForm Inc and is nearing completion.

In order to compensate InsituForm for performing unanticipated significant and excessive cleaning and to seal four sewer service lines encountered while performing work under the original scope of work in the contract, two Change Orders are needed to finish the contract work. The additional work is within the general scope of work for the contract and it is most practical and efficient to have InsituForm perform the work as an integral part of their construction. In order to have installed the CIPP liner, the additional cleaning had to be done. In order to re-connect the four unanticipated existing sewer service lines to the newly lined CIPP main to maintain service to those customers, the re-instatement of those lines is necessary and must be done at this time.

The contract contingency amount previously authorized by the CCU when the contract was awarded has been used on four Change Orders preceding the work discussed herein and consequently, the contingency amount remaining is currently insufficient to execute the two necessary Change Orders to complete the work outlined above. Additional contingency funds must be authorized by the Commission so that GWA can execute the change orders.

The segments of existing sewer that required additional cleaning are on Route 4 as it approaches Route 1 and on segments on Route 1 downstream of the intersection with Route 4. The four sewer service lines to be reinstated are on Route 1 in front of Chamorro Village and serve Chamorro Village.

Change Order 5 will cost $165,245.12 and require an additional authorization of $114,058.57 in contingency funds for the contract. A Change Order for the service line sealing is estimated to cost $75,000. In total, these amounts sum to $189,058.57. This Resolution requests a contingency increase in the amount of $200,000.00 to provide a modest amount in anticipation of a cost proposal from the contractor for the service line reinstatements. The funding source for the contract and for the additional contingency funds requested in this Resolution is the System Development Charge as well as EPA grant funds.

Work on the additional cleaning has already been performed as it was required to advance the project and prepare for the installation of the CIPP liner. The Project Manager required the contractor to support

and justify his claim for the amount of cleaning judged to be additional. Once the requisite information and data was provided and the amount negotiated, the Project Manager recommended that GWA approve the addition cleaning and cost. The service line reinstatement will be completed soon after the cost is approved and GWA executes a Change Order for this additional work.

It was mentioned that some additional work has to be done, lots of debris on the line and 4 active service laterals that wasn't seen before and need to be sealed. Change orders necessary to fund these pieces of work.

Comm. Sanchez motioned to approve Resolution 22-FY2020 second by Comm. Guthertz

Comm. Sanchez said this will this take this project to $4M+ with estimated completion by end of summertime.

On the motion there was no further discussion or objection and the motion passed unanimously.

4.4 Resolution No. 23-FY2020 Relative to Approval of the COVID-19 Regulatory Asset Issues for Decision

Setting up a regulatory asset to capitalize extraordinary expenses incurred during the COVID-19 response will allow Guam Waterworks Authority (GWA) to offset these expenses against any future relief provided by the local or federal government and / or amortize the expenses next fiscal year when revenues rebound. The action is necessary to minimize impacts to GWA's ability to meet bond indenture requirements, and is urgent in light of the rapidly changing conditions resulting from the current pandemic.

In response to the Global Health Emergency declared by the World Health Organization and the national emergency declared by President Donald Trump, on March 14, 2020, Governor Lourdes A. Leon Guerrero, issued Executive Order 2020-03 declaring a state of emergency to respond to Novel Coronavirus (COVID-19). Further, Executive Order 2020-04 ordered the closure of all non-essential Government of Guam offices and the prohibition of large gatherings.

Executive Order 2020-05 ordered the closure of businesses or public accommodations except for certain exemptions such as healthcare operations, grocery stores, gas stations and hardware stores during the COVID-19 emergency period through March 30, 2020. Executive order 2020-06 and 2020-09 extended the emergency period through April 13, 2020 and May 5, 2020 respectively.

Although revenues are likely to be impacted by the near shutdown of the tourism market and the closure of certain government agencies and businesses, Guam Waterworks Authority (GWA) must continue to provide essential water and wastewater services needed for the health and safety of the community. Extraordinary expenses in response to the COVID19 emergency may include but are not limited to:

- Additional pay for employees required to report to work
- Equipment and tools to allow employees to work from home
- Alternate or enhanced methods for customers to pay their bills such as opening a drive thru, lifting credit card
- Development and distribution of communications materials to employees and customers

Upon approval by the Consolidated Commission on Utilities, GWA will petition the Public Utility Commission (PUC) to capitalize expenses related to the COVID-19 emergency in the form of a regulatory asset and amortize those expenses in FY2021, or over a period determined by the PUC, when revenues are expected to rebound.

This action seeks to capitalize the extraordinary costs expended to address the COVID19 emergency declaration. Revenues will be used to fund these expenditures and possibly other COVID fund resources. If cash from Revenues is insufficient, the Working Capital Reserve will be used. As the Regulatory Asset is amortized over the next fiscal year, the Working Capital Reserve will be reimbursed.

Upon approval by the Public Utility Commission (PUC), the Regulatory Asset will be set up and amortized in FY2021 or over a period determined by PUC.

Comm. Sanchez asked what this estimate is for COVID double pay. Management said about $370k per payperiod. It was mentioned that payroll subsidy is not covered by FEMA

Comm. Guthertz motioned to pass Resolution 23-FY2020, second by Comm. Limtiaco. There was no further objection or discussion and the motion passed with 5 ayes.

4.5 Resolution No. 24-FY2020 Relative to Ratification of Suspension of Credit Card Payment Limits on Non-Residential Accounts

Effective April 13, and thru this emergency period, Guam Waterworks Authority (GWA) will make it easier for its non-residential customers to make payments against their billings by lifting credit card limits. This will enable non-residential customers to safely make payments online while minimizing the time and staff needed to process payments made by cash or check and will make funds available more immediately.

GWA currently has a $500 monthly limit on Visa and Discover credit card payments made for non-residential accounts. This requires non-residential customers to make payments by check or cash or not fully pay their bill on-line. There is currently no limit on Mastercard. This action will be effective April 13, 2020 thru the COVID-19 public health emergency period.

The fees are as follows:

Type	**Fee**
Credit and Signature Debit Cards (Merchant Fee)	.1033% of amount
PIN Debit Cards (Merchant Fee)	$.06 per transaction
Visa and Discover (Network Fees)	1% - 3%

If the Public Utilities Commission authorizes the COVID-19 Regulatory Asset, the additional merchant fees will be capitalized and amortized over a period determined by the PUC. The fees will be paid from Revenues, or if Revenues are not sufficient, the Working Capital Reserve.

Comm. Guthertz motioned to approve Resolution 24-FY2020, second by Comm. Sanchez.

In discussion, the Commission inquired the guesstimate monetary impact for this program and management responded about $20k.

On the motion there was no further discussion or objection and the motion passed. The vote was unanimous.

4.6 Division Reports

The Division Reports were submitted but not discussed.

5. OTHER DISCUSSION

5.1 Proposed CCU Rules

Comm. Limtiaco, Chairperson for the CCU Rules Committee, updated that the DRAFT CCU Rules were distributed to the Commission and he would like it placed on the May Agenda. Comm. Santos said he would like to have a working session for review and discussion. Chairman Duenas said he will look at the CCU calendar and get back to the Commission.

6. ANNOUNCEMENTS

6.1 Next CCU Meetings

The Chairman announced that the next CCU meeting is a work session for GWA on May 19, a GPA work session on May 21 and the regular monthly CCU meeting on May 26

The Chairman called for a 5-minute recess before Executive Session. It was 7:45 p.m.

7. EXECUTIVE SESSION

7.1 (2) GWA Litigation Matters

8. ADJOURNMENT

There being no other business to bring before the Commission, the meeting adjourned at 2:08 p.m.

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Bls

Attested

_____ _____

JOSEPH T. DUENAS, Chairman MICHAEL T. LIMTIACO Secretary

GM REPORT

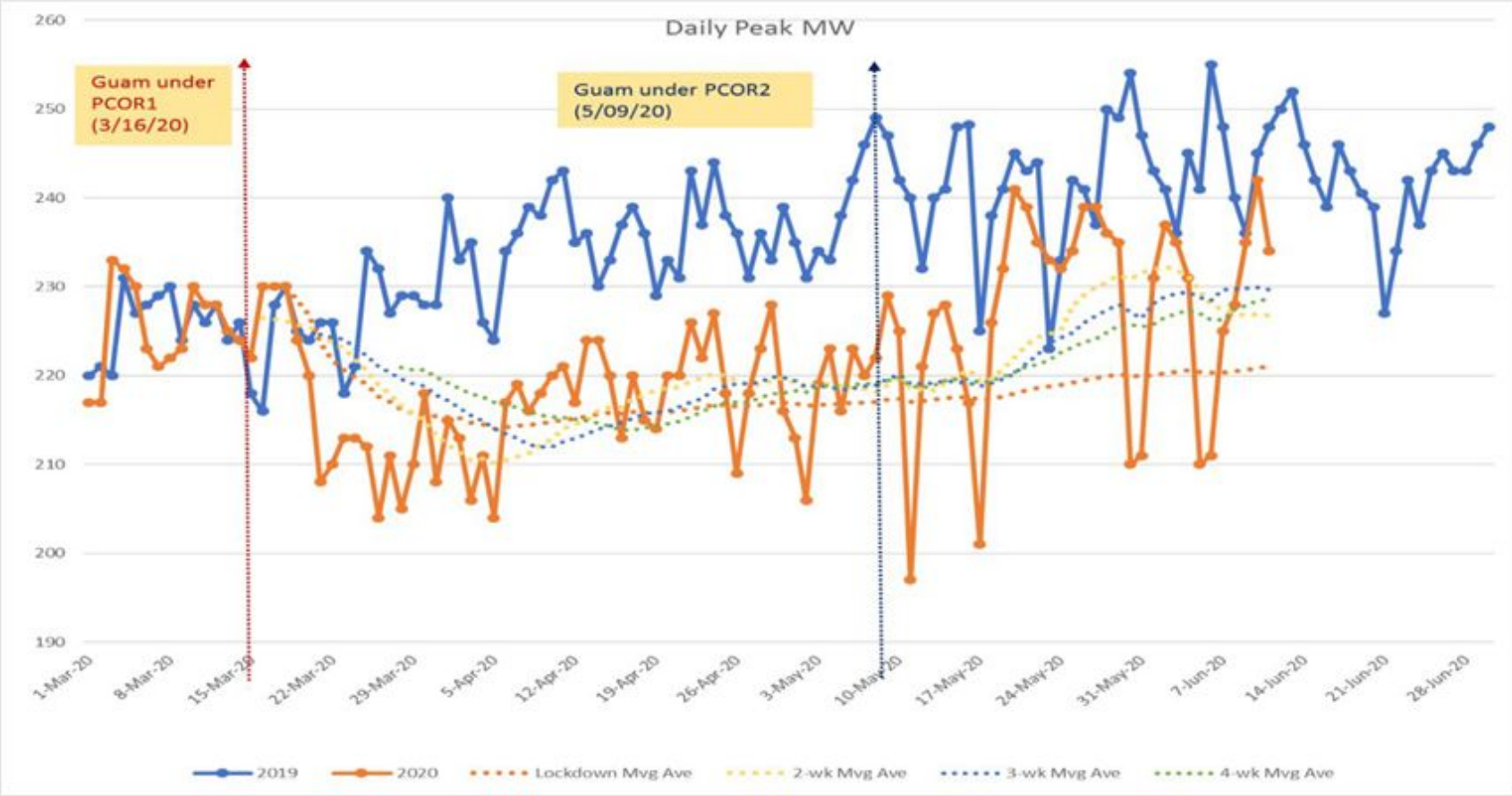
Presentation To:

Consolidated Commission on Utilities

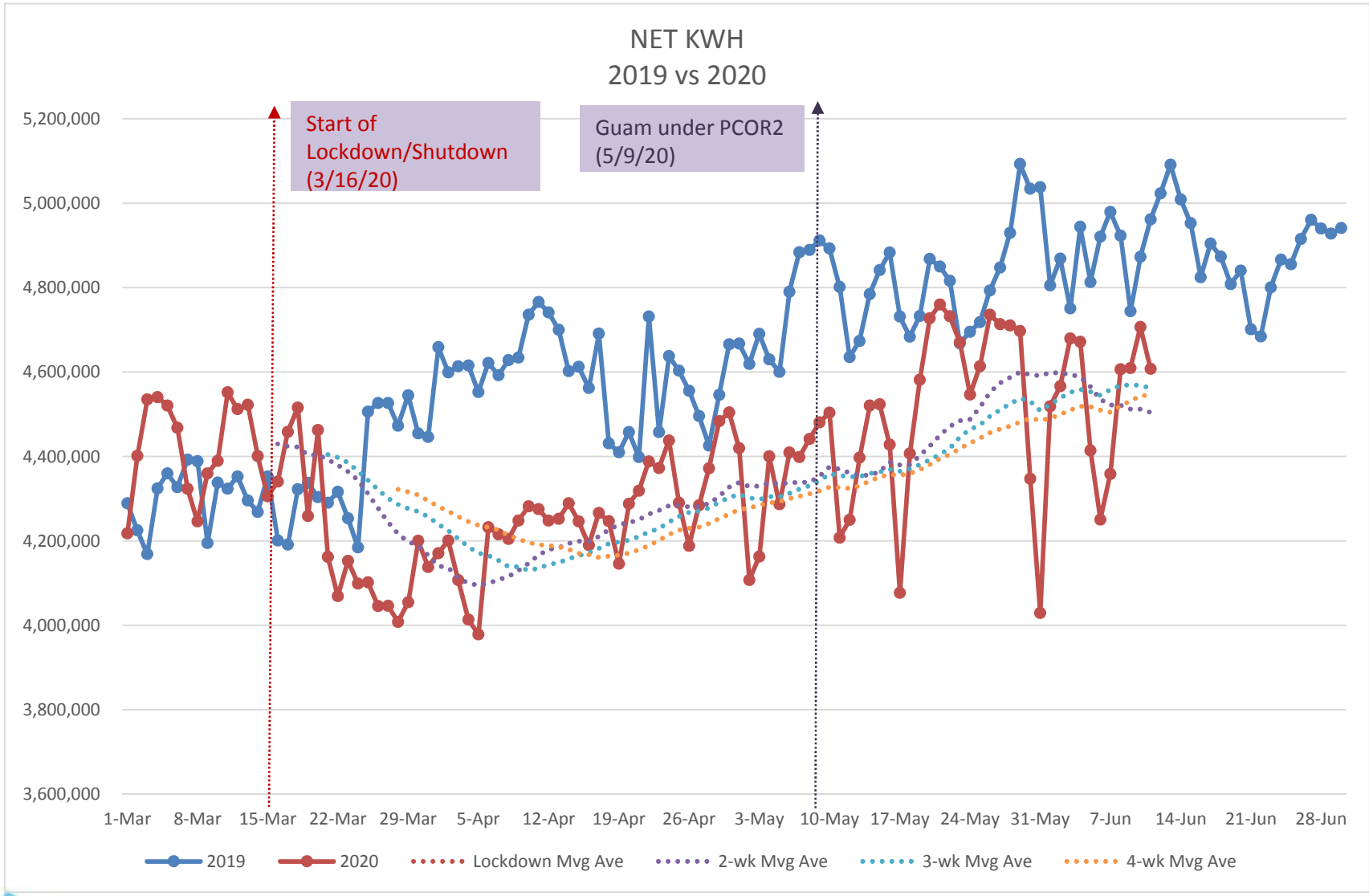
June 18, 2020

PEAK DEMAND RECOVERING TOWARDS 2019 LEVEL

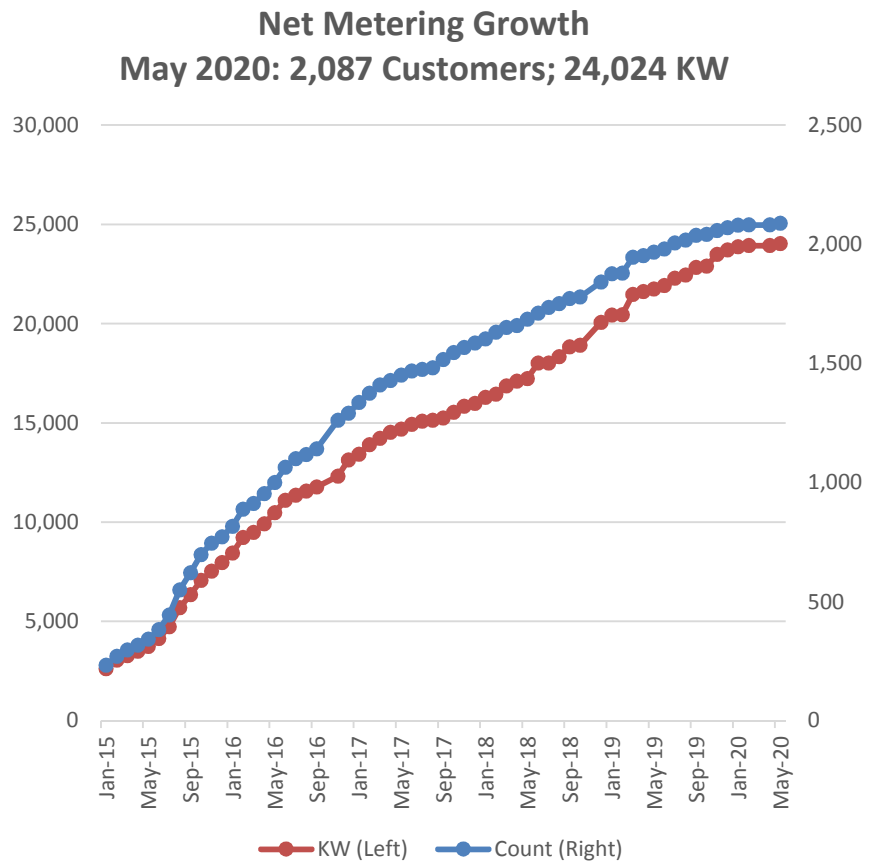
1. **Generation System:** Generation forecast for June 2020:
   Projected Available Capacity: 356 MW
   Projected Demand: 245 MW
   Anticipated Reserve Margin: 111 MW

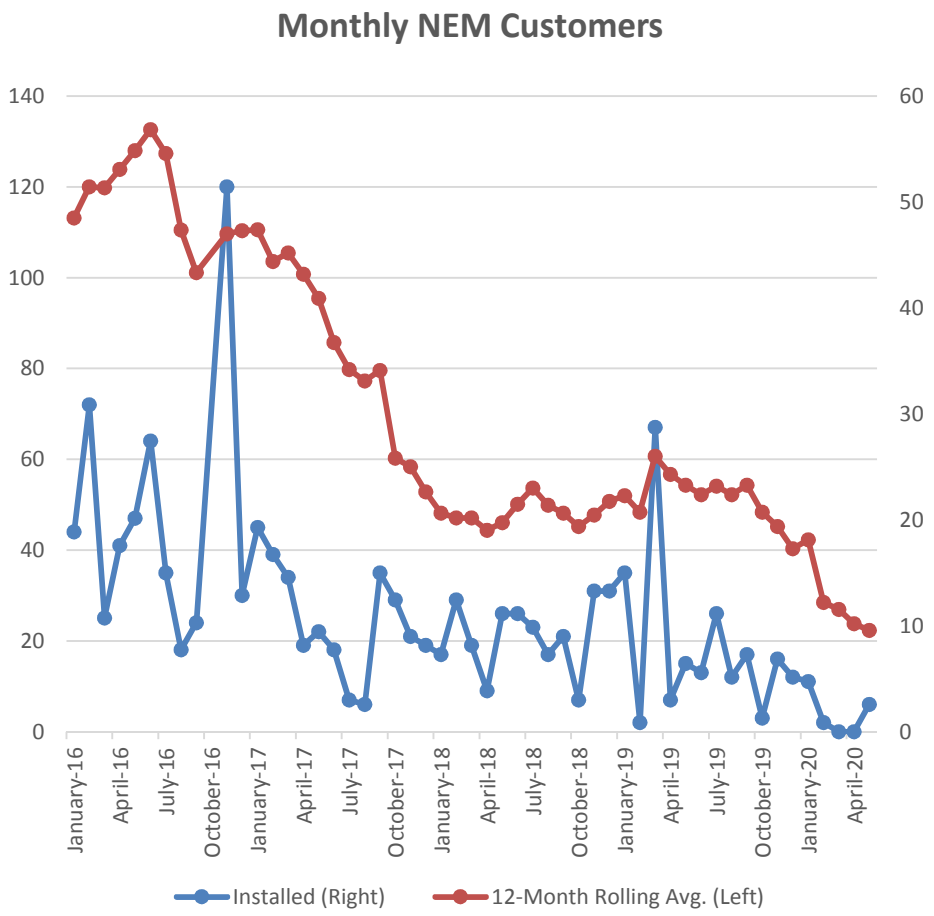


NET ENERGY PRODUCTION RECOVERING
GOOD INDICATOR FOR SALES



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

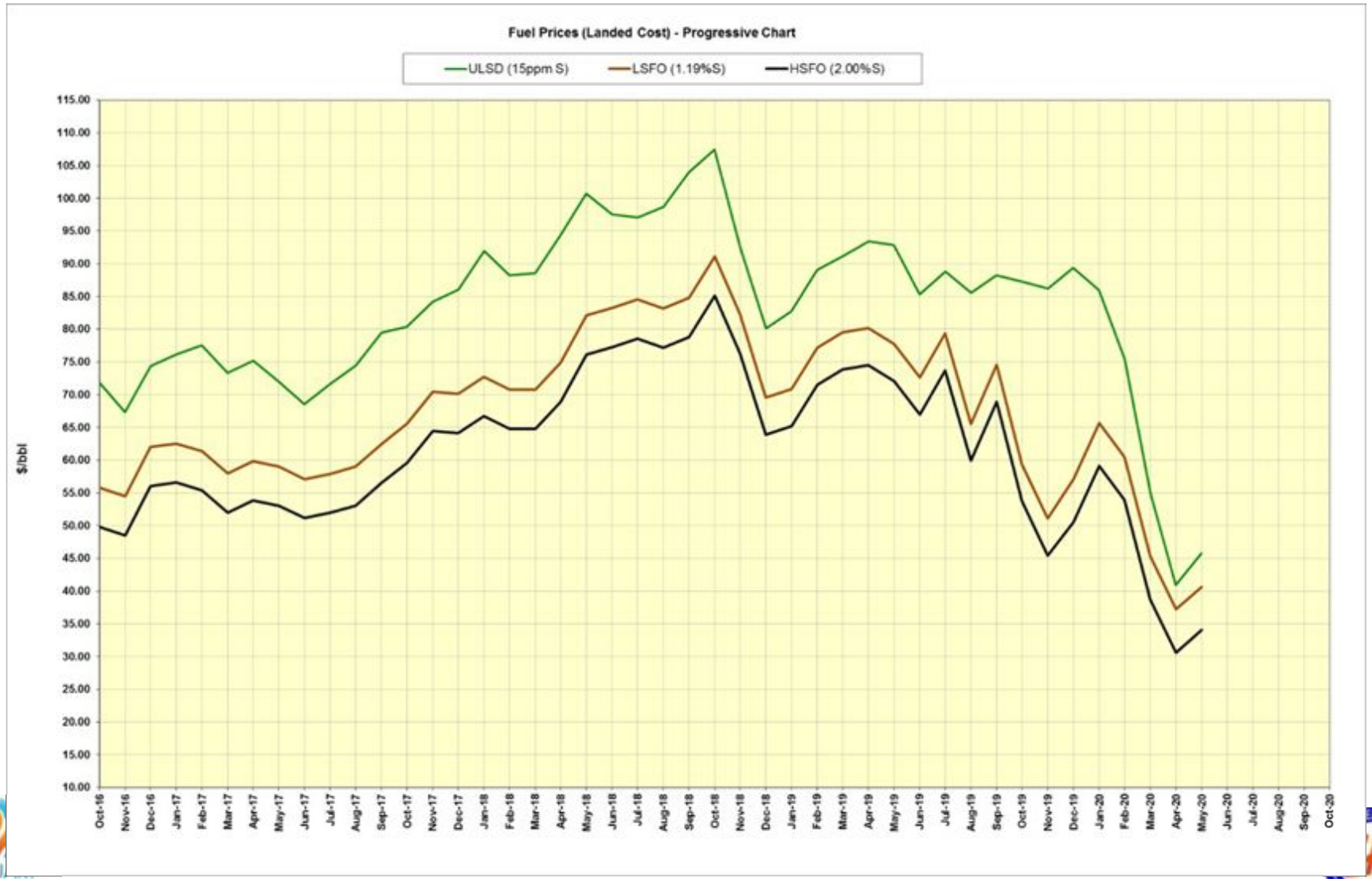




3. Demand Side Management Program:

Description	FY16	FY17	FY18	FY19	FY20 As of 5/31/20	Total to Date
Regular/OT Pay	$11,348.80	$22,256.00	$26,121.83	$50,715.19	$18,026.66	$128,468.48
Other Contractual	$28,278.50	$85,550.05	$116,977.50	$3,025.00	-	$233,831.05
Ads & Radio Announcements	-	-	-	$7,500.00	-	$7,500.00
Paid Rebates-Split AC	$154,700.00	$557,275.00	$1,349,825.00	$1,374,650.00	$317,575.00	$3,754,025.00
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	$28,400.00	$206,625.00
Total Expenses	**$200,527.30**	**$680,706.05**	**$1,554,524.33**	**$1,553,190.19**	**$364,501.66**	**$4,353,449.53**
Bank Interest (+)	$1,676.42	$1,722.74	$1,222.29	$730.05	$320.87	$5,672.37
Bank Fees	$155.00	$1,032.06	$1,085.08	$1,247.54	$240.00	$3,759.68

4. Fuel Purchases (Per Barrel) Ending May 2020



General Manager's Report (con't)

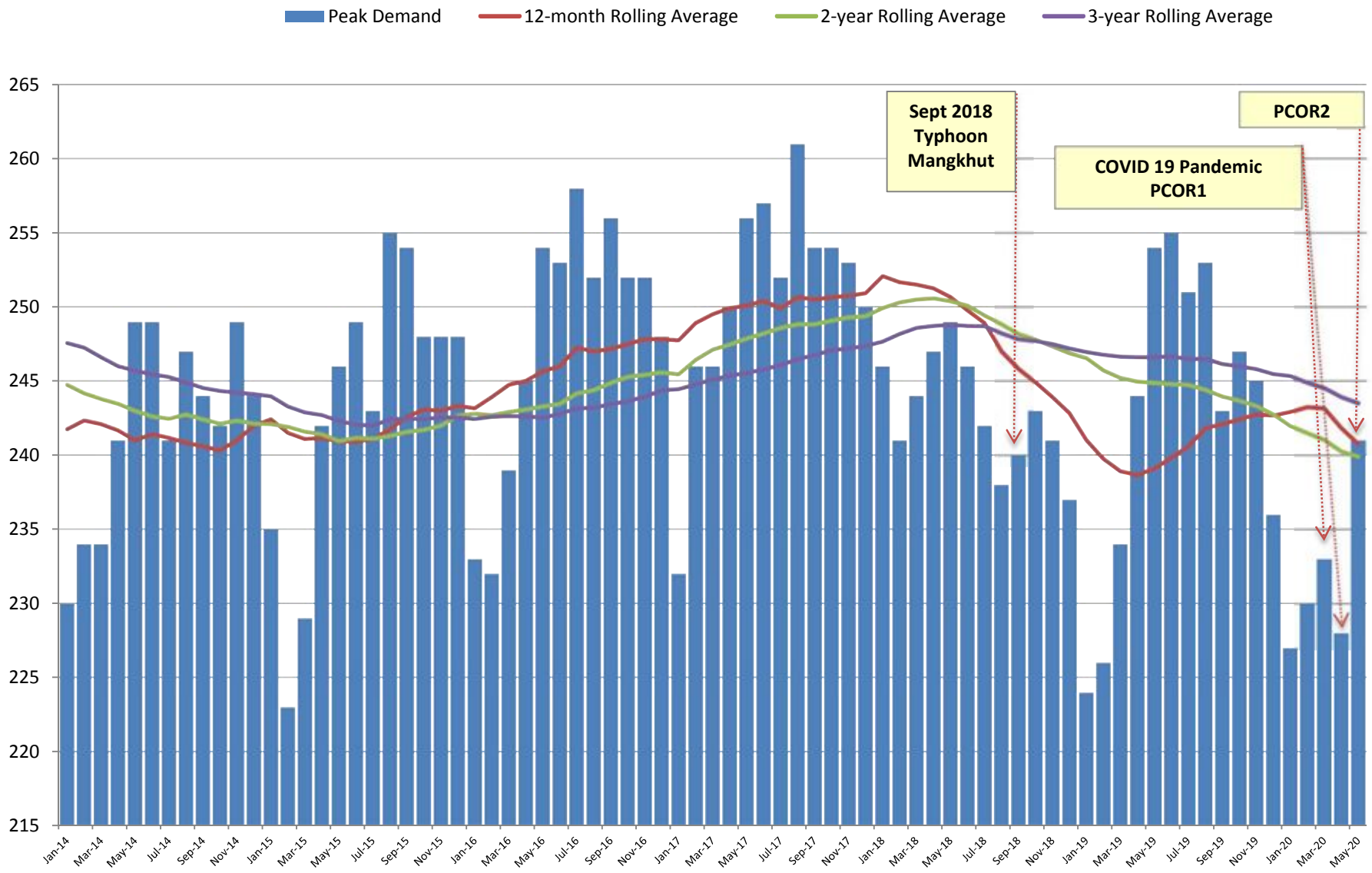
5. PUC Dockets:
   - Approved Reverting Net Metering Rider eliminating payments of excess energy produced . Effective Jan 2021
   - Reduced LEAC rate to $0.086/kWh beginning June 1, 2020. LEAC rate for period Aug 2020 to Jan 2021 to be set in July.
   - Approved inclusion of Demand Side Management program funding in LEAC rate beginning June 1st. Rate to generate $3M annually and adds additional rebate programs.

6. Phase III Renewables Project:
   - Public auditor to continue hearings this month on the protest of GPA's intent to award to Engie 40MW of load shifting solar PV renewables on land leased from the Navy. The two projects totaling 40MW with storage batteries are priced at $0.11/kWh.

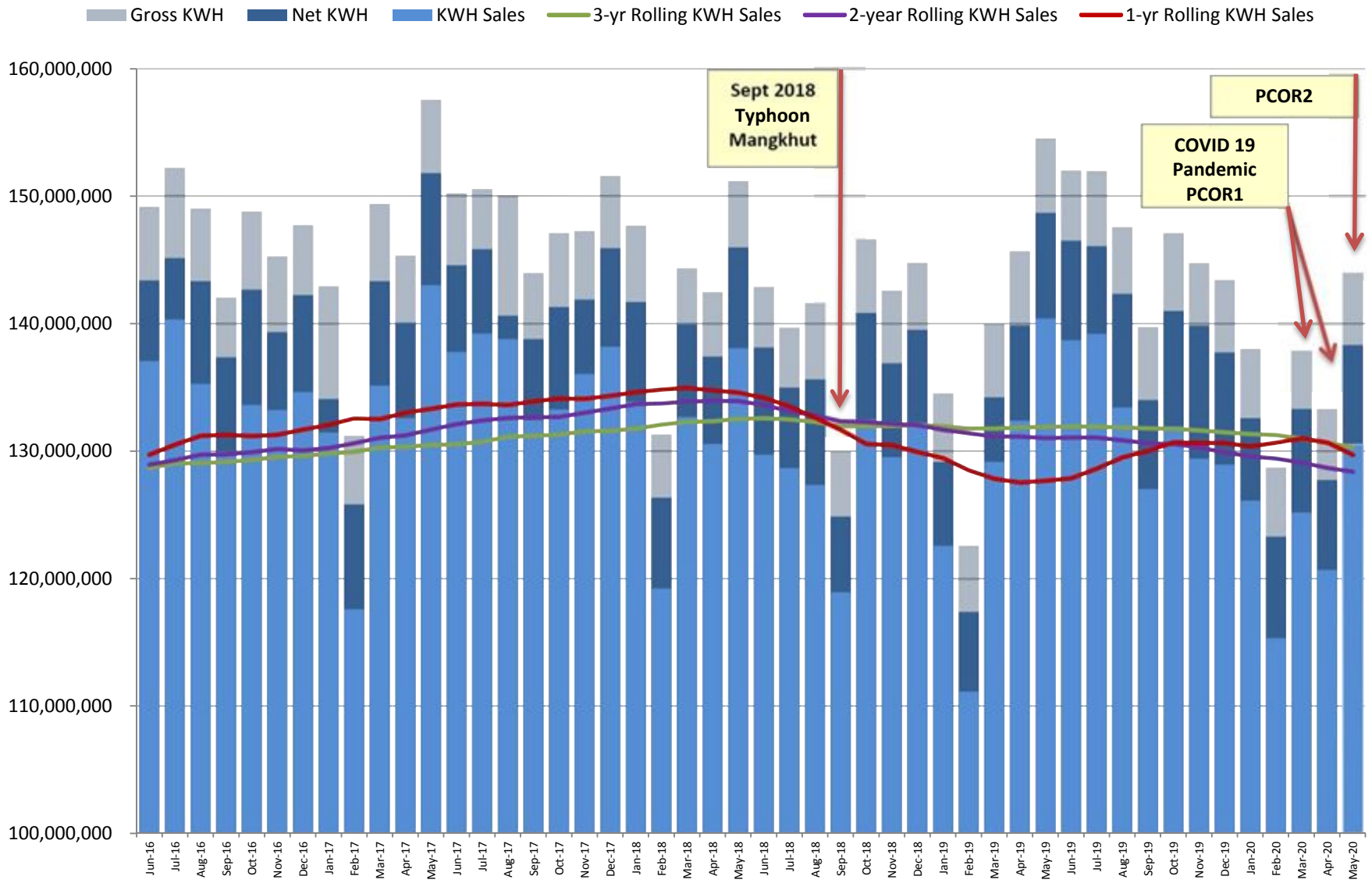
7. Suspension of Disconnections:
   - Disconnections have been suspended until after June 30th in line with the Governor's executive order which extended the pandemic period to the end of June.

8. Generation KPI's:
   - The following graphs show the updated system information through May 2020:

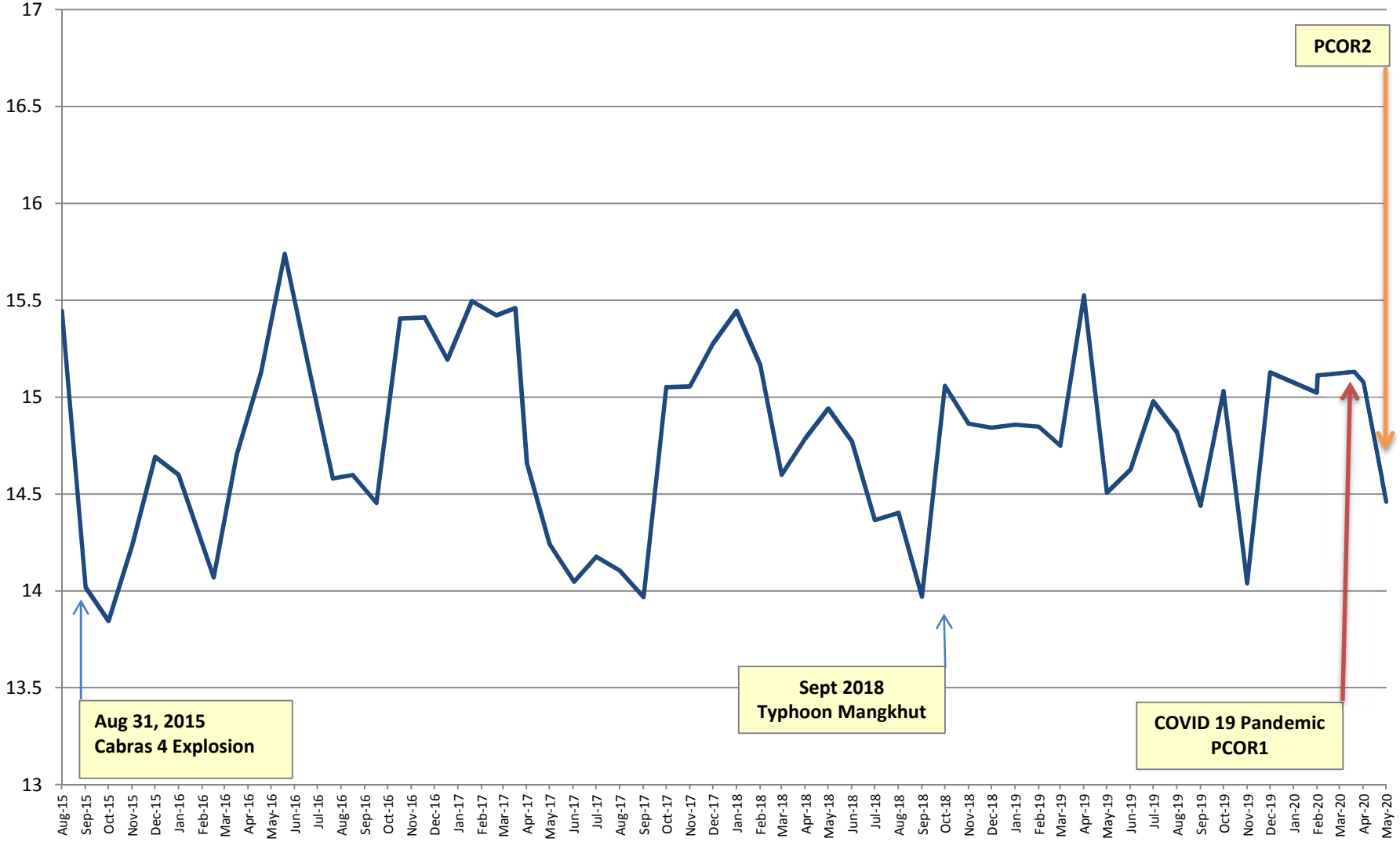
Historical Monthly Peak Demand
Jan 2014- May 2020



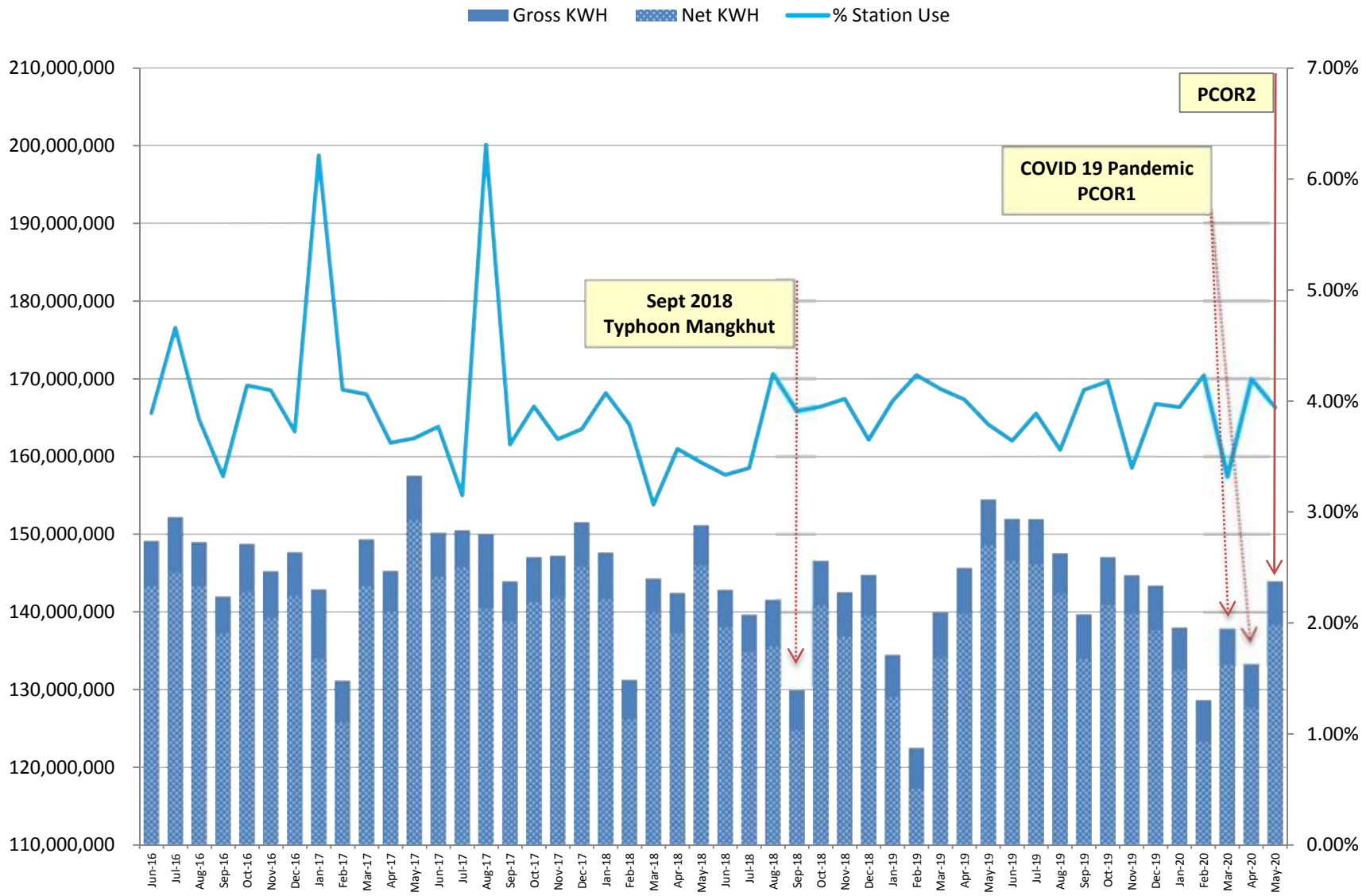
Historical KWH Sales
June 2016 - May 2020



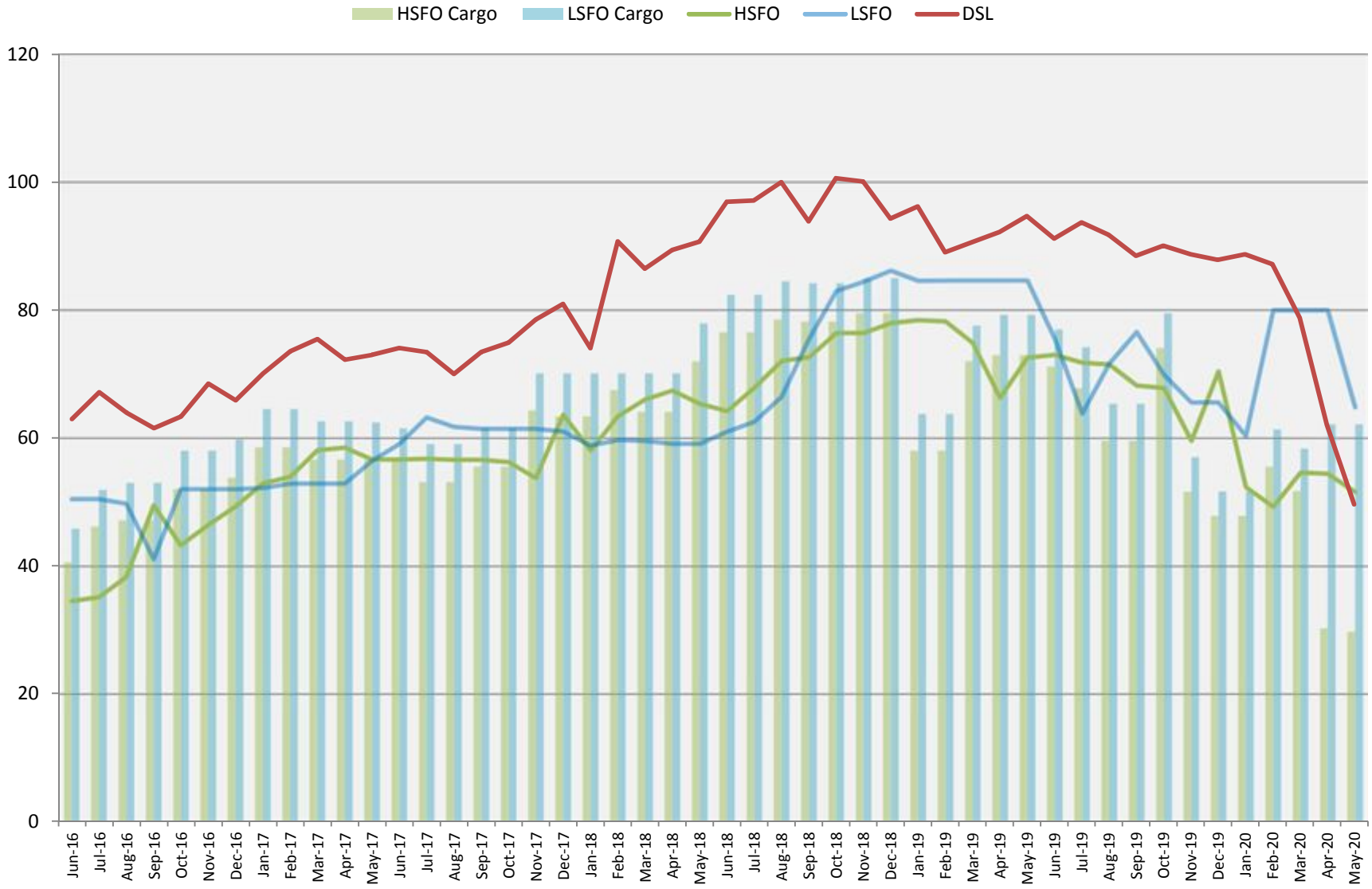
SYSTEM GROSS HEAT RATE
(KWH/Gal)
Aug 2015 - May 2020



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

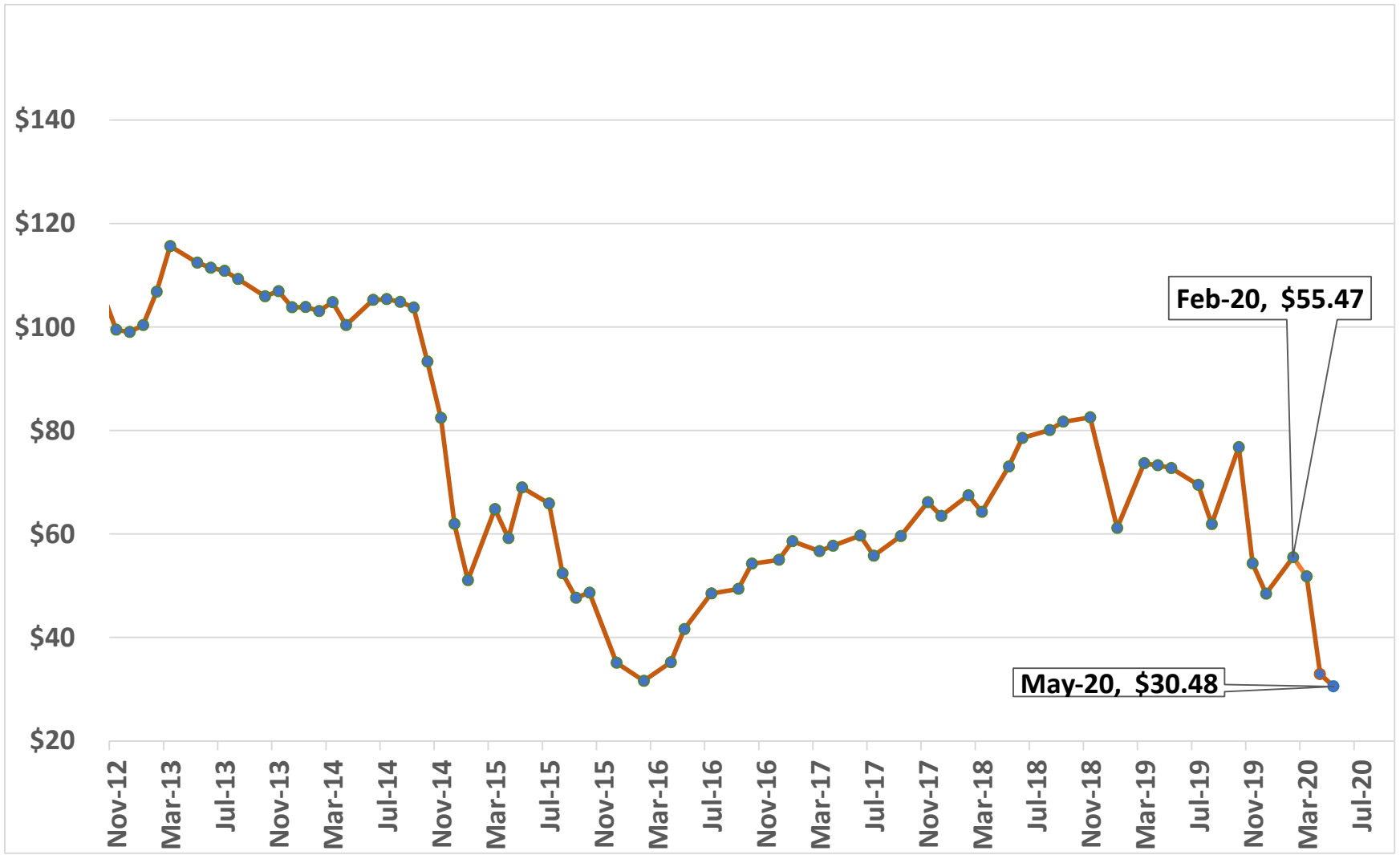


Fuel Cargo and Fuel Consumption Costs ($/bbl)
June 2016 - May 2020



LEAC UPDATE

LEAC Update – GPA Fuel Purchases (Per Barrel)



LEAC Update – Morgan Stanley Asian Morning Call

Morgan Noon Call Pricing

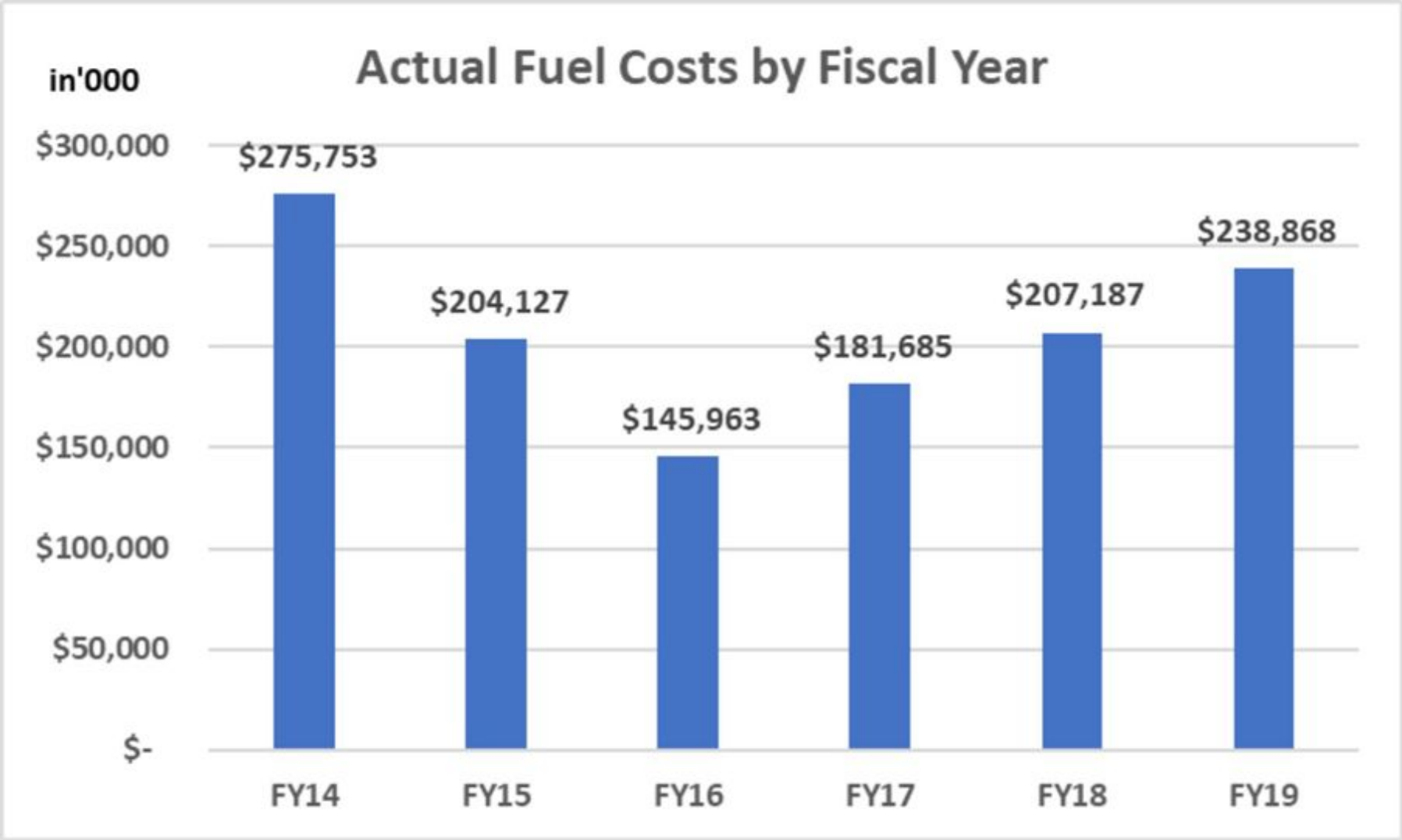
Sing HSFO 180 CST

Date	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
6/5/2020	$ 243.09	$ 248.09	$ 249.84	$ 249.34	$ 252.00	$ 252.00	$ 252.00	$ 257.42
6/8/2020	$ 263.04	$ 268.04	$ 270.04	$ 270.04	$ 272.21	$ 272.21	$ 272.21	$ 276.88
6/9/2020	$ 248.46	$ 253.46	$ 255.21	$ 254.71	$ 256.63	$ 256.63	$ 256.63	$ 261.04
6/10/2020	$ 245.92	$ 250.92	$ 252.67	$ 252.17	$ 254.09	$ 254.09	$ 254.09	$ 258.50
6/11/2020	$ 246.43	$ 249.68	$ 252.43	$ 252.18	$ 253.51	$ 253.51	$ 253.51	$ 259.18
Five-day average	$ 249.39	$ 254.04	$ 256.04	$ 255.69	$ 257.69	$ 257.69	$ 257.69	$ 262.60

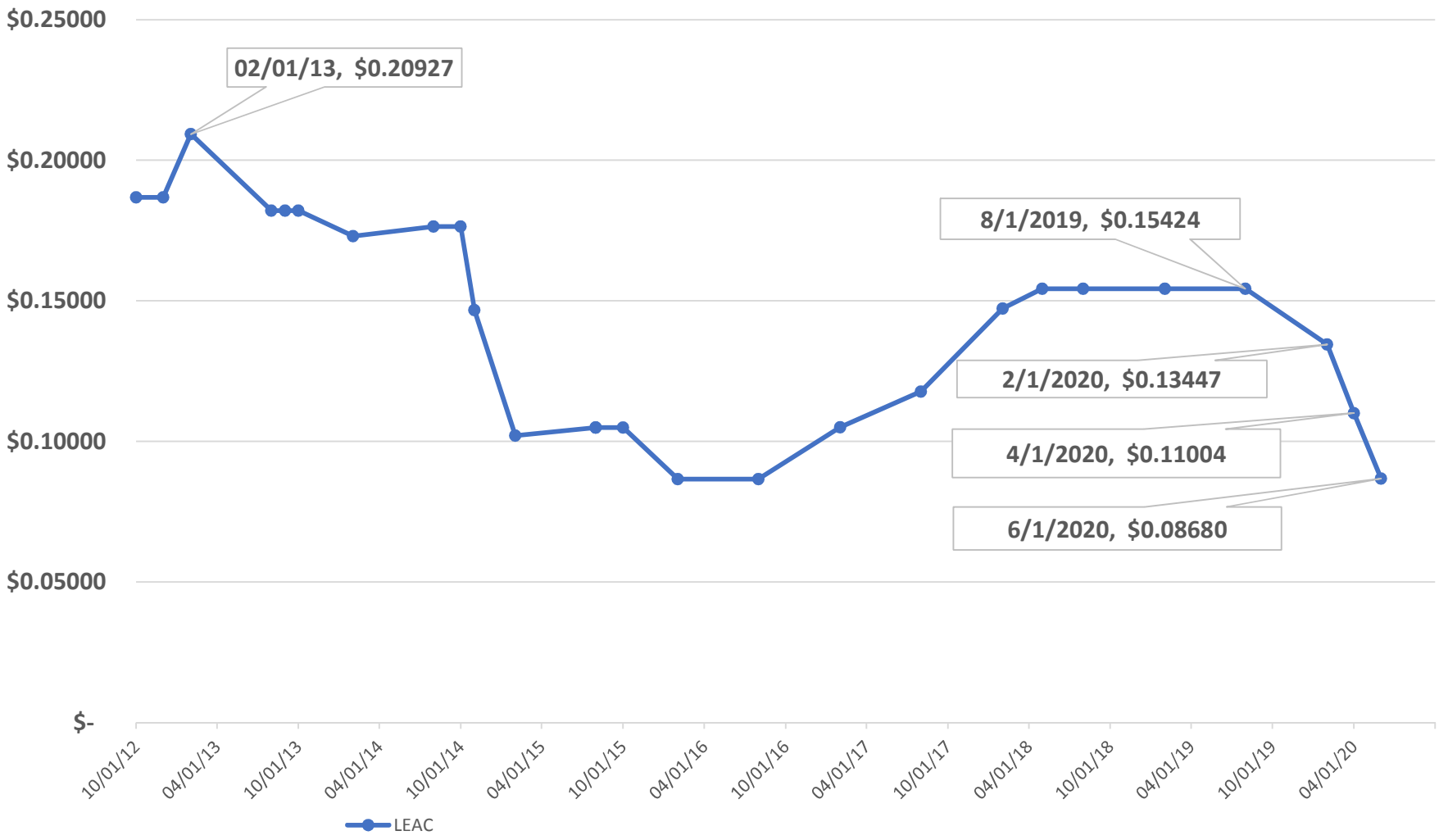
Gassoil 10ppm

6/5/2020	$ 43.10	$ 43.10	$ 43.70	$ 44.39	$ 45.72	$ 45.72	$ 45.72	$ 47.62
6/8/2020	$ 46.69	$ 46.59	$ 47.14	$ 47.72	$ 48.94	$ 48.94	$ 48.94	$ 50.58
6/9/2020	$ 45.24	$ 45.02	$ 45.42	$ 46.10	$ 47.17	$ 47.17	$ 47.17	$ 48.78
6/10/2020	$ 46.22	$ 45.82	$ 45.82	$ 46.37	$ 47.42	$ 47.42	$ 47.42	$ 48.93
6/11/2020	$ 46.36	$ 45.86	$ 45.86	$ 46.26	$ 47.14	$ 47.14	$ 47.14	$ 48.55
Five-day average	$ 45.52	$ 45.28	$ 45.59	$ 46.17	$ 47.28	$ 47.28	$ 47.28	$ 48.89

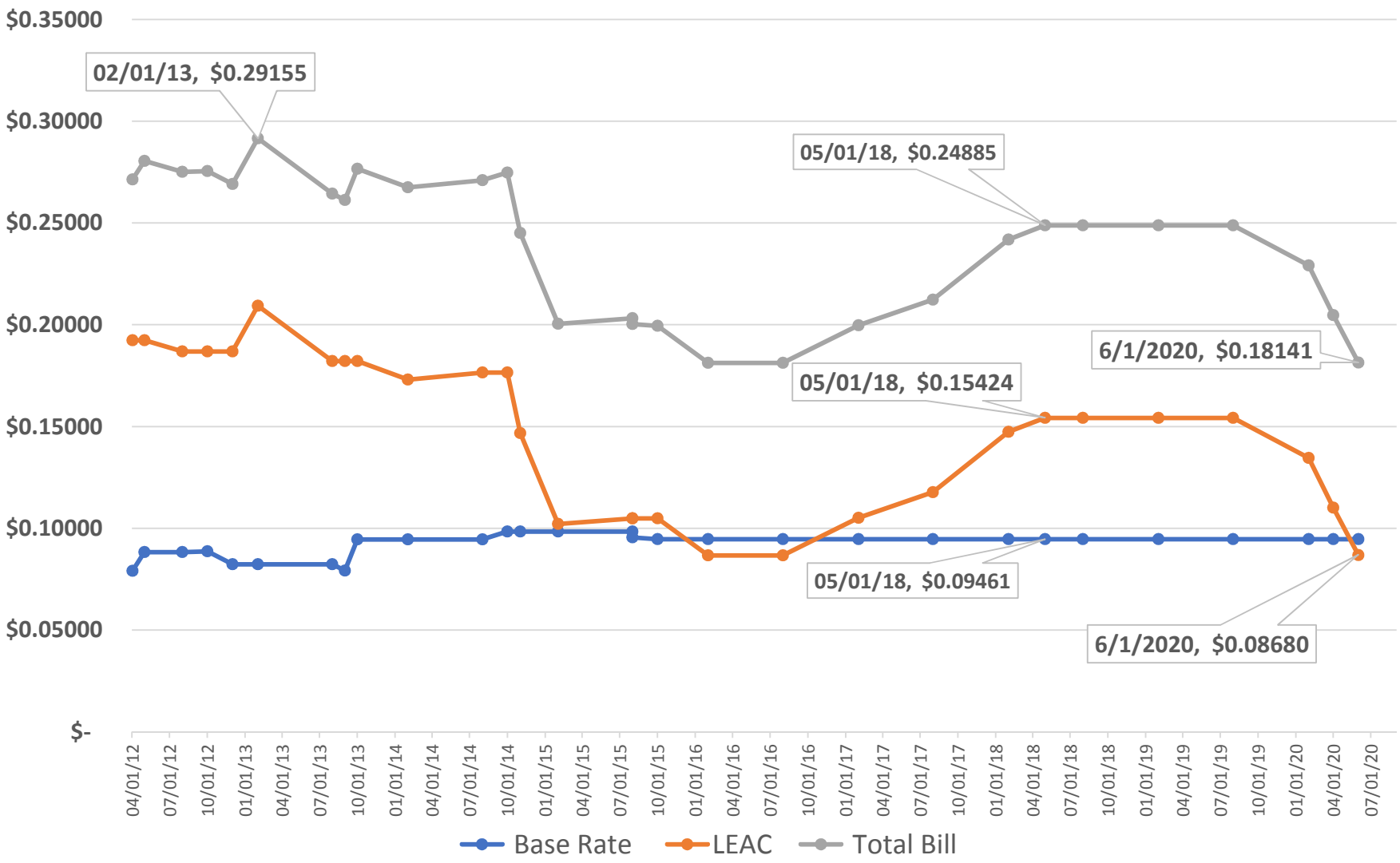
LEAC Update – Fuel Cost by Fiscal Year



Historical Residential LEAC Rate



Historical Residential Rate



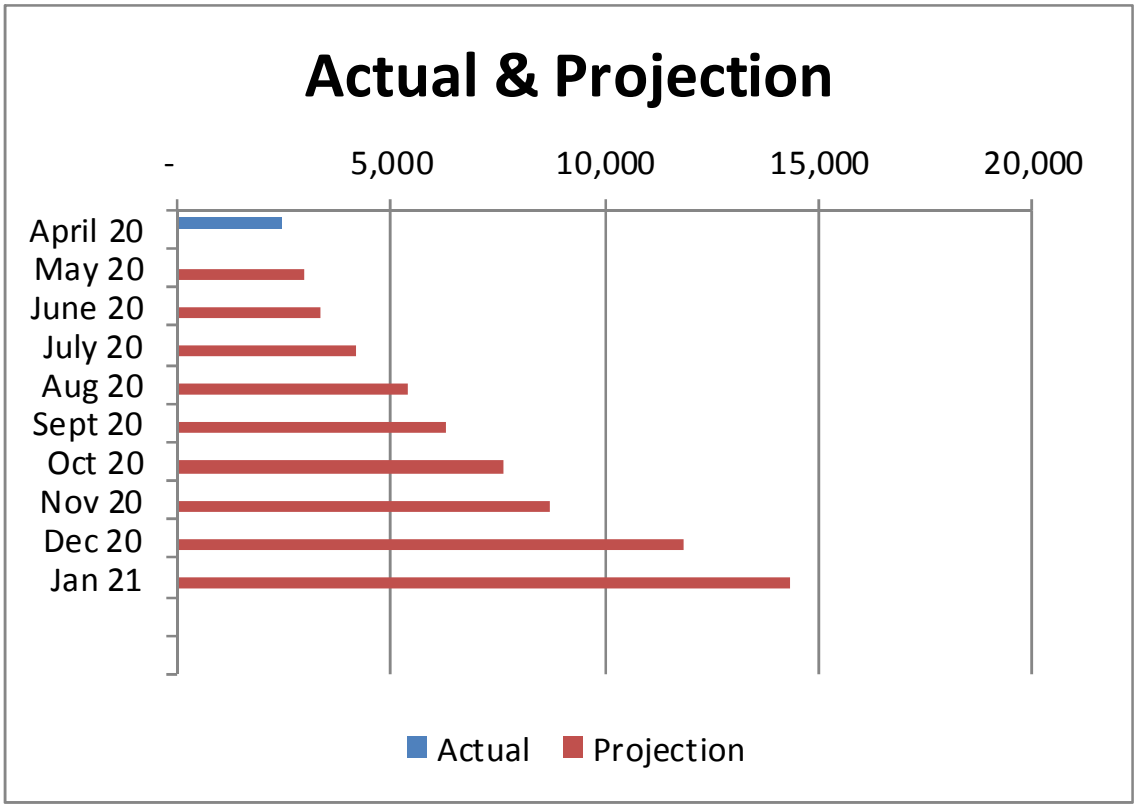
Historical LEAC Over (Under) Recovery

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)	
2/1/2020	3/31/2020	$ 0.134474	$ (1,803,778)	
4/1/2020	5/31/2020	$ 0.110039	$ (2,981,023)	Estimated
6/1/2020	7/31/2020	$ 0.086800	$ (4,150,828)	Estimated

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

LEAC Under Recovery Balance & Projection

LEAC



LEAC

(Unearned)/ Under Recovered	'000 Actual	Projection (1)
April 20	2,435	
May 20		2,981
June 20		3,321
July 20		4,151
Aug 20		5,370
Sept 20		6,303
Oct 20		7,609
Nov 20		8,685
Dec 20		11,811
Jan 21		14,349

LEAC - Proposed

	Current	Scenario A			Scenario B		
	June 1 to July 31	August 1 to Jan. 2021	Variance		August 1 to Jan. 2021	Variance	
Rate	$ 0.086800	$ 0.086800	$ -	0.0%	$ 0.109535	$ 0.022735	26.2%
(in '000)							
Under Recovery on July 31, 2020	$ 4,151				$ -		
Under Recovery on Jan. 31, 2021		$ 14,350			$ -		
Average Price per Bbl-RFO	$ 37.51	$ 44.07			$ 44.07		
Average Price per Bbl-Diesel	$ 66.51	$ 60.38			$ 60.38		

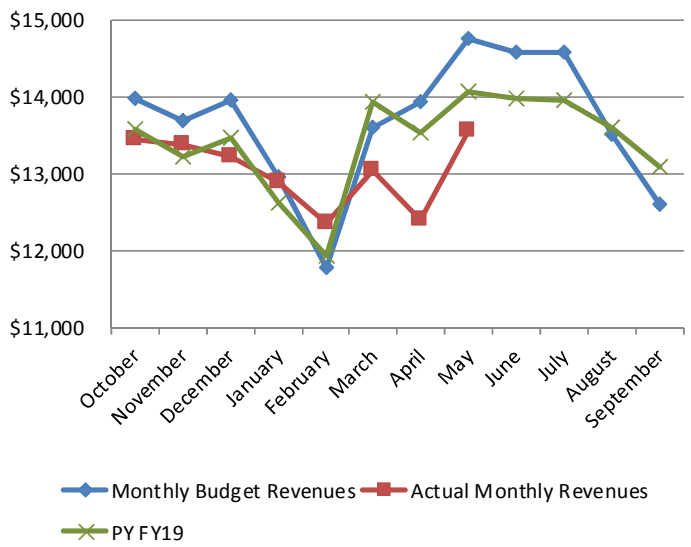
LEAC – Billing Illustration

	RATE SCHEDULE R					
	Current LEAC		Scenario A		Scenario B	
	Effective 04-01-20		Effective 08-01-20		Effective 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	**0.086800**	86.80	**0.086800**	86.80	**0.109535**	109.54
Total Electric Charge		$ 181.42		$ 181.41		$ 204.14
Increase/(Decrease) in Total Bill						**$ 22.74**
% Increase/(Decrease) in Total Bill						**12.53%**
% Increase/(Decrease) in LEAC rate						**26.19%**

CFO
FINANCIAL HIGHLIGHTS
May 2020

May 2020 Monthly Financial Highlights

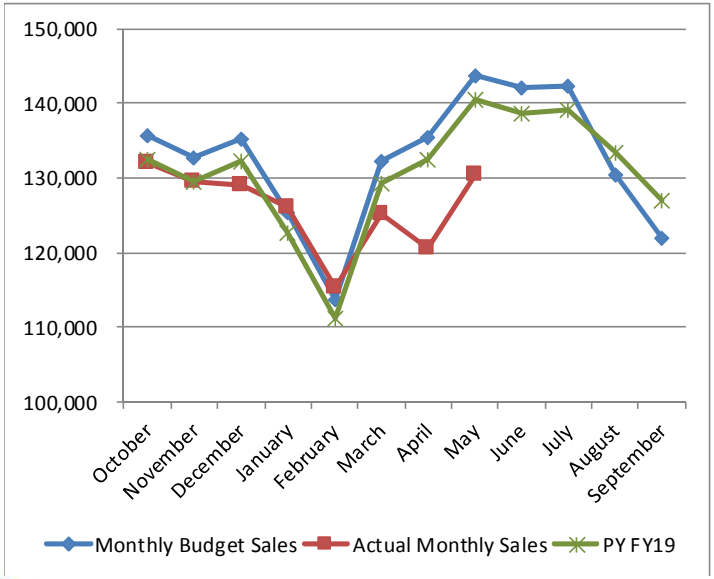
Base Rate Revenue $000



Through May 31, 2020

$000	Monthly Budget Revenues	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	12,385	$ (1,530)	↓	13,520	$ (1,135)	↓
May	14,755	13,550	$ (1,205)	↓	14,057	$ (507)	↓
June	14,558				13,977		
July	14,563				13,951		
August	13,499				13,595		
September	12,585				13,073		
Total	**$ 163,763**	**$ 104,233**	**$ (4,326)**		**$ 160,865**	**$ (2,036)**	

MWh Sales

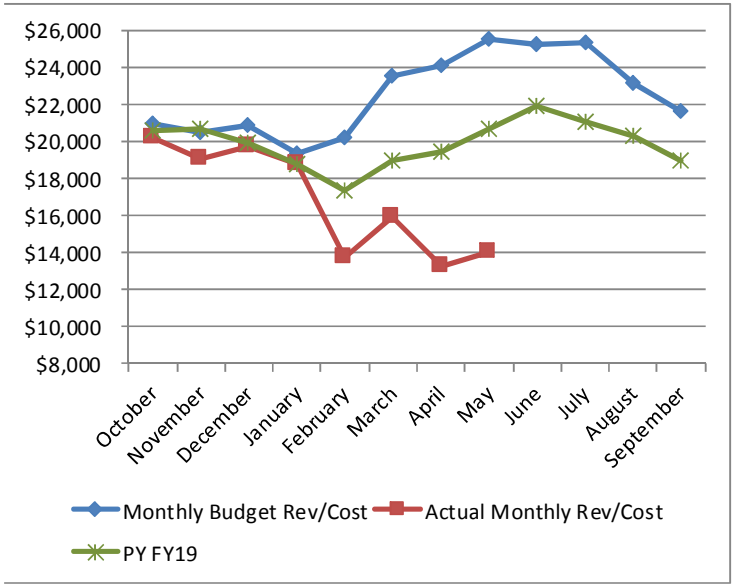


Through May 31, 2020

mwh	Monthly Budget Sales	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	120,688	(14,833)	↓	132,396	(11,708)	↓
May	143,721	130,531	(13,191)	↓	140,412	(9,881)	↓
June	142,093				138,704		
July	142,383				139,204		
August	130,434				133,422		
September	121,840				127,050		
Total	**1,591,092**	**1,008,212**	**(46,131)**		**1,568,322**	**(21,731)**	

May 2020 Monthly Financial Highlights (Continued)

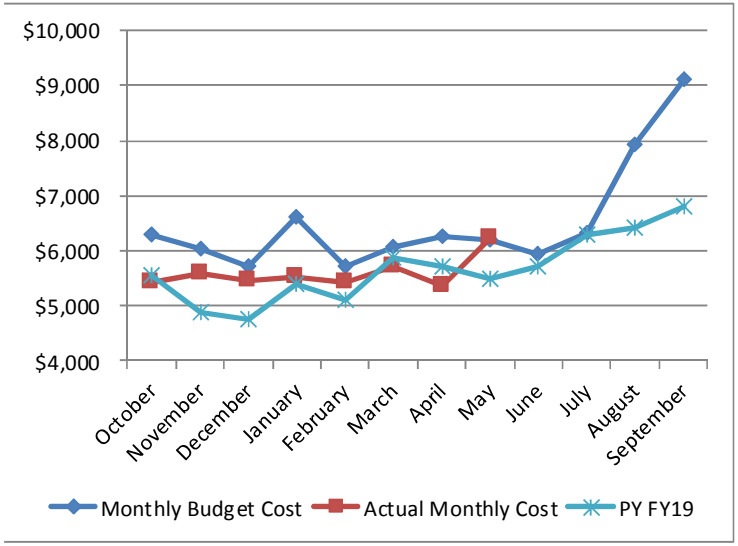
Fuel Revenue/ Cost $000



Through May 31, 2020

$000	Monthly Budget Rev/Cost	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	13,254	$ (10,840)	↓	19,442	$ (6,188)	↓
May	25,552	14,001	$ (11,551)	↓	20,711	$ (6,709)	↓
June	25,263				21,932		
July	25,314				21,082		
August	23,190				20,331		
September	21,662				18,935		
Total	**$ 270,418**	**$ 134,695**	**$ (40,296)**		**$ 238,868**	**$ (21,894)**	

O&M Cost $000



Through May 31, 2020

$000	Monthly Budget Cost	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	5,357	900	↑	5,704	346	↑
May	6,179	6,215	(36)	↑	5,485	(731)	↓
June	5,922				5,703		
July	6,321				6,276		
August	7,908				6,421		
September	9,102				6,797		
Total	**$ 78,079**	**$ 44,678**	**$ 4,148**		**$ 67,956**	**$ (1,919)**	

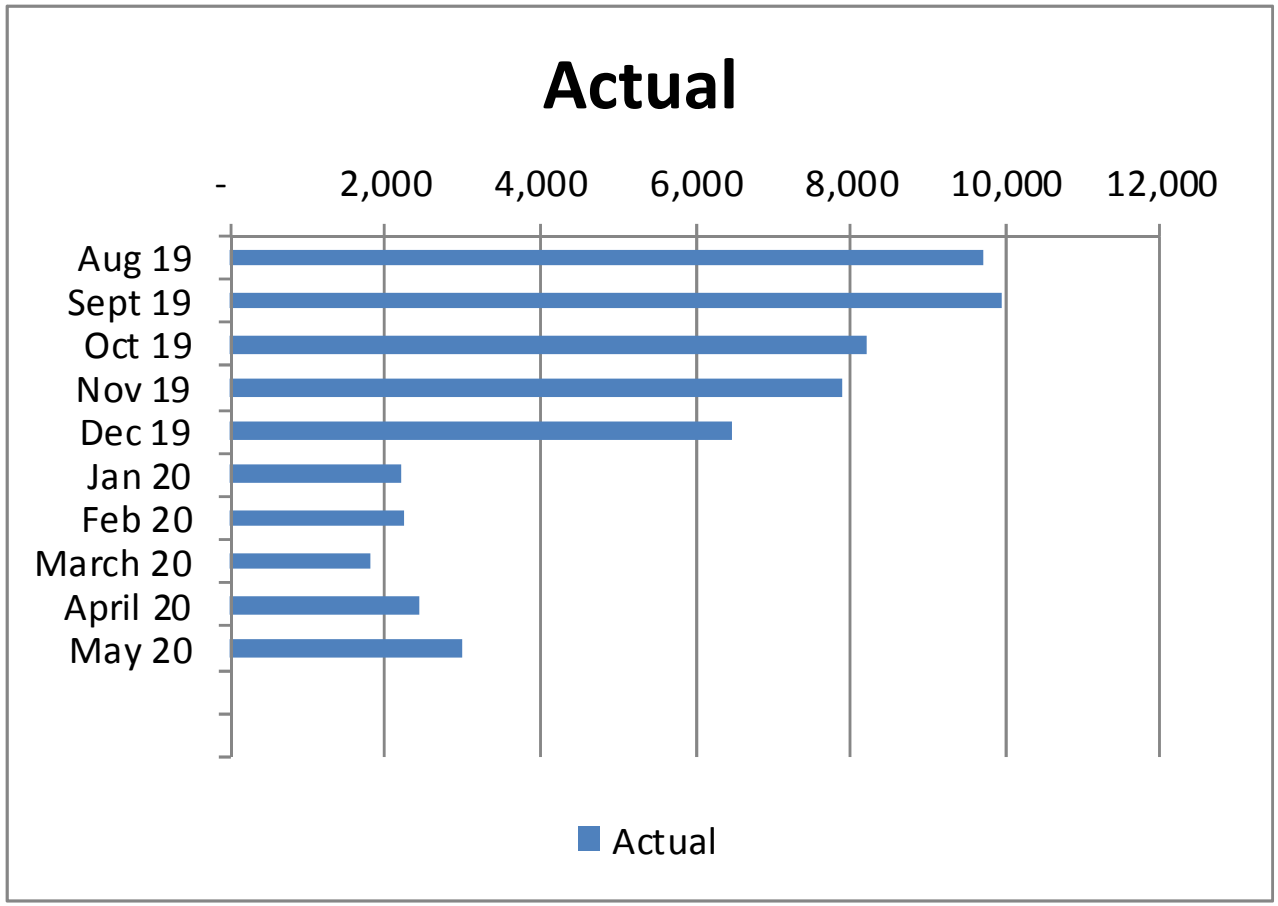
May 2020 Monthly Financial Highlights (Continued)

Through May 31, 2020								
	4Q2018	1Q2019	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020
Residential	43,887	43,920	44,144	44,329	44,479	44,203	44,509	44,940
Commercial	5,261	5,273	5,291	5,303	5,289	5,154	5,352	5,323
Government	1,077	1,090	1,074	1,075	1,070	1,072	1,059	1,064
Streetlights	1,152	1,151	1,152	1,138	1,138	1,135	1,128	1,128
Navy	1	1	1	1	1	1	1	1
Total	51,378	51,435	51,662	51,846	51,977	51,565	52,049	52,456

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	1.69
Aggregate debt service coverage	2.62	3.28	2.65	2.53	1.97	1.69
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	2.56	2.45	1.79	1.65	1.64	1.51
Aggregate debt service coverage	1.85	2.45	1.79	1.65	1.64	1.51

May 2020 Monthly Financial Highlights (Continued)

LEAC



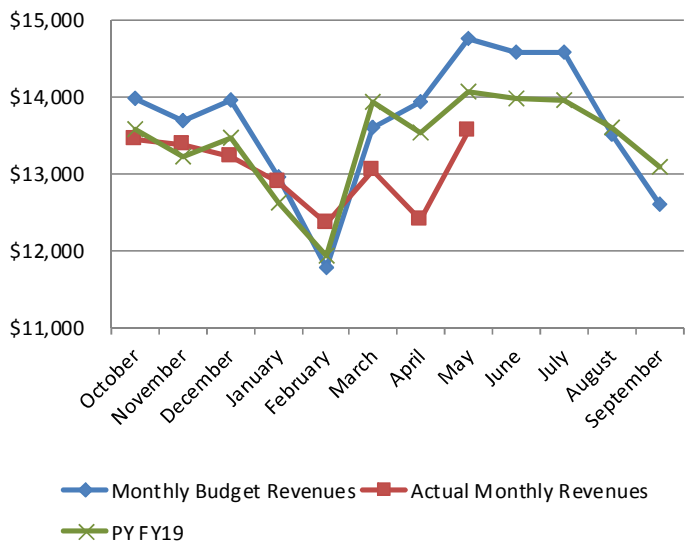
LEAC

(Unearned)/ Under Recovered	'000 Actual
Aug 19	9,722
Sept 19	9,944
Oct 19	8,210
Nov 19	7,887
Dec 19	6,473
Jan 20	2,194
Feb 20	2,243
March 20	1,804
April 20	2,435
May 20	2,981

CFO
FINANCIAL HIGHLIGHTS
May 2020

May 2020 Monthly Financial Highlights

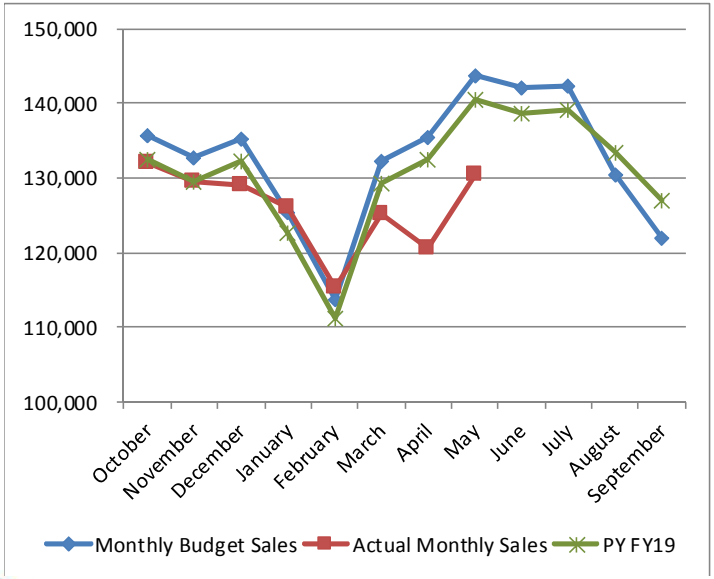
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Through May 31, 2020

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MWh Sales

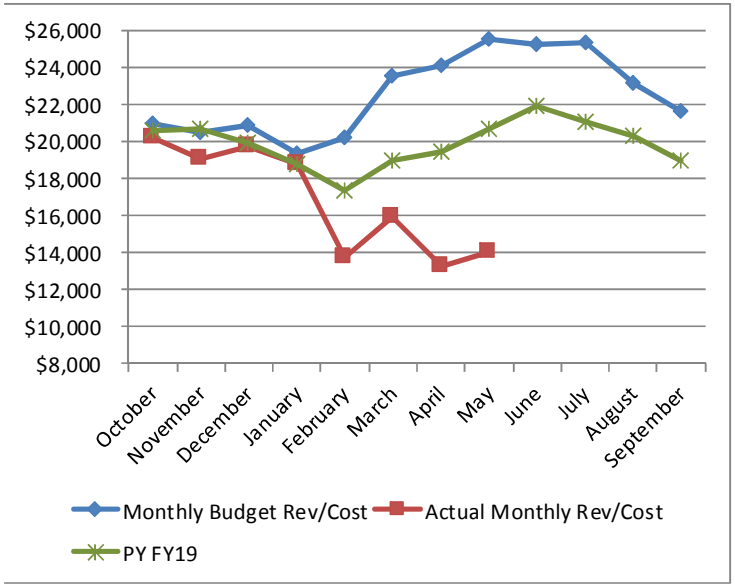


Through May 31, 2020

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May 2020 Monthly Financial Highlights (Continued)

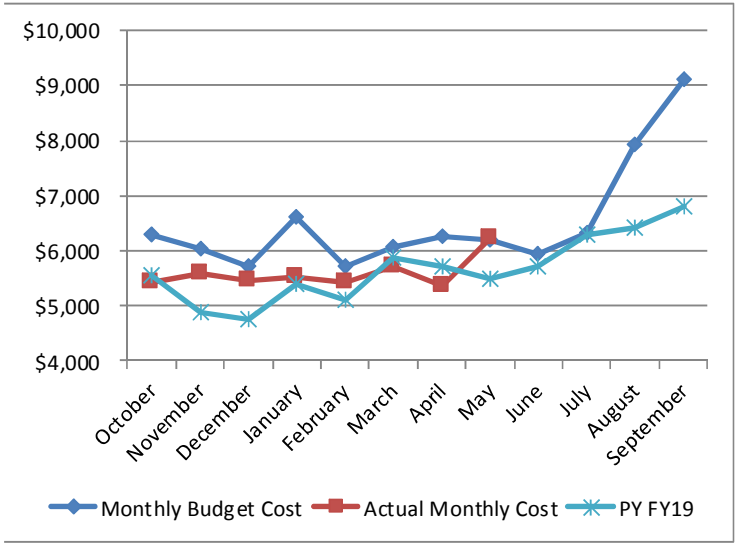
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August	23,190				20,331		
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Total	**$ 270,418**	**$ 134,695**	**$ (40,296)**		**$ 238,868**	**$ (21,894)**	

O&M Cost $000



Through May 31, 2020

$000	Monthly Budget Cost	Actual Monthly Cost	Variance		PY FY19	CY vs PY Variance	
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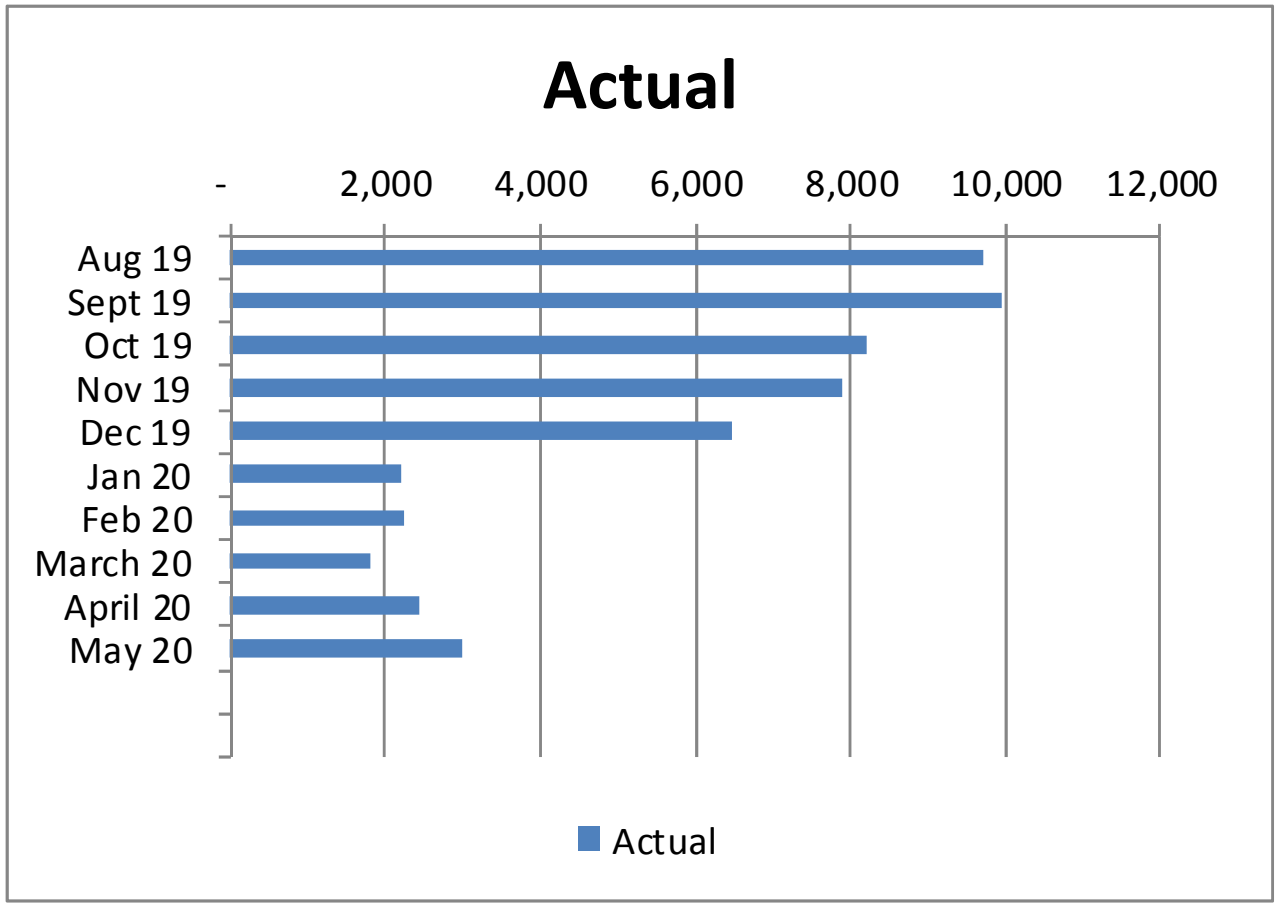
May 2020 Monthly Financial Highlights (Continued)

Through May 31, 2020								
	4Q2018	1Q2019	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020
Residential	43,887	43,920	44,144	44,329	44,479	44,203	44,509	44,940
Commercial	5,261	5,273	5,291	5,303	5,289	5,154	5,352	5,323
Government	1,077	1,090	1,074	1,075	1,070	1,072	1,059	1,064
Streetlights	1,152	1,151	1,152	1,138	1,138	1,135	1,128	1,128
Navy	1	1	1	1	1	1	1	1
Total	51,378	51,435	51,662	51,846	51,977	51,565	52,049	52,456

Debt service coverage (DSC) calculation-indenture	2015	2016	2017	2018	2019	2020
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Aggregate debt service coverage	1.85	2.45	1.79	1.65	1.64	1.51

May 2020 Monthly Financial Highlights (Continued)

LEAC



LEAC

(Unearned)/ Under Recovered	'000 Actual
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GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUAHAN
P O BOX 2977, HAGÅTÑA, GUAM 96932-2977
Telephone: (671) 648-3066 Fax: (671) 648-3168

GUAM POWER AUTHORITY
FINANCIAL STATEMENT OVERVIEW
May 2020

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

Summary
The increase in net assets for the month ended was $1 million as compared to the anticipated net increase of $2.0 million projected at the beginning of the year. The total kWh sales for the month was 9.18% less than projected and non-fuel revenues were $1.2 million less than the estimated amounts. O & M expenses for the month were $6.1 million which was in line with 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 $3.3 million, which was $0.2 million over than projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	3.05	3.14	2
Days in Receivables	44	42	52
Days in Payables	23	20	30
LEAC (Over)/Under Recovery Balance -YTD	$2,434,863	$2,981,020	$723,402
T&D Losses	5.40%	5.42%	<7.00%
Debt Service Coverage	1.52	1.51	1.75
Long-term equity ratio	1.23%	1.43%	30 – 40%
Days in Cash	197	201	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 $63 million and approximately $197 million in cash and current receivables. The LEAC under-recovery for the month was $0.5 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

Financial Statements
May 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:	Reviewed by:	Approved by:
_____	_____	_____
Lenora M. Sanz	John J.E. Kim	John M. Benavente, P.E.
Controller	Chief Financial Officer	General Manager

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Net Position
May 31, 2020 and September 30, 2019

	Unaudited May 2020	Audited 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	$ 21,524,515	$ 33,053,886	$ (11,529,371)
Bond indenture funds	23,366,330	29,168,116	(5,801,786)
Held by Guam Power Authority:			
Bond indenture funds	154,558,337	154,027,791	530,546
Self insurance fund-restricted	19,461,787	19,383,963	77,824
Energy sense fund	359,146	333,528	25,618
Total cash and cash equivalents	219,270,115	235,967,284	(16,697,169)
Accounts receivable, net	41,889,365	42,550,451	(661,086)
Total current receivables	41,889,365	42,550,451	(661,086)
Materials and supplies inventory	14,630,215	12,521,306	2,108,909
Fuel inventory	37,098,396	41,214,022	(4,115,626)
Prepaid expenses	6,987,097	2,115,084	4,872,013
Total current assets	319,875,188	334,368,147	(14,492,959)
Utility plant, at cost:			
Electric plant in service	1,090,916,818	1,084,434,067	6,482,751
Construction work in progress	44,042,891	37,648,145	6,394,746
Total	1,134,959,709	1,122,082,212	12,877,497
Less: Accumulated depreciation	(657,127,897)	(632,845,925)	(24,281,972)
Total utility plant	477,831,812	489,236,287	(11,404,475)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,518,388	48,599,853	(81,465)
Unamortized debt issuance costs	2,042,264	2,221,160	(178,896)
Total other non-current assets	50,560,652	50,821,013	(260,361)
Total assets	848,267,652	874,425,447	(26,157,795)
Deferred outflow of resources:			
Deferred fuel revenue	2,981,020	9,943,732	(6,962,712)
Unamortized loss on debt refunding	23,212,864	24,733,104	(1,520,240)
Pension	12,264,214	12,264,214	0
Other post employment benefits	19,869,789	19,869,789	0
Unamortized forward delivery contract costs	212,398	318,638	(106,240)
Total deferred outflows of resources	58,540,285	67,129,477	(8,589,192)
	$ 906,807,937	$ 941,554,924	$ (34,746,987)

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statement of Net Position, Continued
May 31, 2020 and September 30, 2019

	Unaudited May 2020	Audited 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	5,151,648	8,582,729	(3,431,081)
Accounts payable			
Operations	19,522,841	27,385,428	(7,862,587)
Others	466,839	695,392	(228,553)
Accrued payroll and employees' benefits	882,816	1,844,658	(961,842)
Current portion of employees' annual leave	2,698,682	2,153,583	545,099
Interest payable	5,281,141	14,733,265	(9,452,124)
Customer deposits	8,438,687	8,918,087	(479,400)
Total current liabilities	62,957,654	80,443,142	(17,485,488)
Regulatory liabilities:			
Provision for self insurance	19,345,291	19,345,291	0
Total regulatory liabilities	19,345,291	19,345,291	0
Long term debt, net of current maturities	561,858,790	584,892,990	(23,034,200)
Obligations under capital leases, net of current portion	0	2,226,222	(2,226,222)
Net Pension liability	79,488,305	81,801,102	(2,312,797)
Other post employment benefits liability	120,278,682	120,278,682	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	846,859,420	891,917,205	(45,057,785)
Deferred inflows of resources:			
Unearned forward delivery contract revenue	778,691	1,168,036	(389,345)
Pension	2,371,109	2,371,109	0
Other post employment benefits	49,240,169	49,240,169	0
Total deferred inflows of resources	52,389,969	52,779,314	(389,345)
Commitments and contigencies			
Net Position:			
Net investment in capital assets	(38,204,369)	(45,222,226)	7,017,857
Restricted	36,192,320	51,357,358	(15,165,038)
Unrestricted	9,570,596	(9,276,728)	18,847,325
Total net position	7,558,547	(3,141,595)	10,700,144
	$ 906,807,937	$ 941,554,924	$ (34,746,987)

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM
Statement of Revenues, Expenses and Changes in Net Assets

	May 31			Eight Months Ending May 31		
	Unaudited 2020	Audited 2019	% of change Inc (dec)	Unaudited 2020	Audited 2019	% of change Inc (dec)
Revenues						
Sales of electricity	$ 27,551,306	$ 34,767,531	(21)	$ 238,926,091	$ 262,857,771	(9)
Miscellaneous	50,755	(68,392)	(174)	1,298,791	2,277,926	(43)
Total	27,602,061	34,699,139	(20)	240,224,882	265,135,697	(9)
Bad debt expense	(90,917)	(91,500)	(1)	(727,336)	(732,000)	(1)
Total revenues	27,511,144	34,607,639	(21)	239,497,546	264,403,697	(9)
Operating and maintenance expenses						
Production fuel	14,001,480	20,710,545	(32)	134,694,861	156,589,106	(14)
Other production	1,944,816	1,304,426	49	11,826,947	10,060,005	18
	15,946,296	22,014,971	(28)	146,521,808	166,649,111	(12)
Depreciation	3,208,916	3,015,829	6	25,057,945	24,918,134	1
Energy conversion cost	1,047,243	1,012,670	3	8,564,791	9,866,390	(13)
Transmission & distribution	1,198,240	1,203,922	(0)	8,420,111	7,789,405	8
Customer accounting	410,410	465,939	(12)	3,322,926	3,486,309	(5)
Administrative & general	2,574,084	2,419,052	6	20,390,099	20,691,101	(1)
Total operating and maintenance expenses	24,385,189	30,132,383	(19)	212,277,680	233,400,450	(9)
Operating income	3,125,955	4,475,256	(30)	27,219,866	31,003,247	(12)
Other income (expenses)						
Interest income	76,200	344,696	(78)	2,274,653	2,921,990	(22)
Interest expense and amortization	(2,298,642)	(2,449,393)	(6)	(18,500,374)	(19,368,457)	(4)
Bond issuance costs	89,228	88,022	1	713,824	703,176	2
Bid bond forfeiture	0	0	0	0	(1,245,000)	0
Pandemic-COVID19	0	0	0	(805,402)	0	0
Losses due to typhoon	0	(66,912)	0	(168,101)	(705,196)	0
Other expense	(4,291)	(4,291)	0	(34,324)	(34,328)	(0)
		0				
Total other income (expenses)	(2,137,505)	(2,087,878)	2	(16,519,724)	(17,727,815)	(7)
Income (loss) before capital contributions	988,450	2,387,378	(59)	10,700,142	13,275,432	(19)
Capital contributions	0	0	0	0	215,537	0
Increase (decrease) in net assets	988,450	2,387,378	(59)	10,700,142	13,490,969	(21)
Total net assets at beginning of period (restated)	6,570,097	(7,205,059)	0	(3,141,595)	(18,308,650)	(83)
Total net assets at end of period	$ 7,558,547	$ (4,817,681)	(257)	$ 7,558,547	$ (4,817,681)	(257)

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Cash Flows
Period Ended May 31, 2020

	Month Ended 5/31/2020	YTD Ended 5/31/2020
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	$ 30,467,539	$ 240,139,357
Cash payments to suppliers and employees for goods and services	22,572,266	192,500,390
Net cash provided by operating activities	7,895,273	47,638,967
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	76,200	2,274,653
Net cash provided by investing activities	76,200	2,274,653
Cash flows from non-capital financing activities		
Interest paid on short term debt	14,483	(29,138)
Provision for self insurance funds	-	(77,824)
Net cash provided by noncapital financing activities	14,483	(106,962)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,765,086)	(13,653,468)
Principal paid on bonds and other long-term debt	-	(16,130,000)
Interest paid on bonds(net of capitalized interest)	-	(28,430,152)
Interest paid on capital lease obligations	(24,481)	(298,610)
Interest & principal funds held by trustee	(3,978,060)	11,529,371
Reserve funds held by trustee	(11,974)	81,465
Bond funds held by trustee	86,413	5,801,786
Principal payment on capital lease obligations	(723,786)	(5,657,303)
Debt issuance costs/loss on defeasance	(314,900)	(2,519,200)
Net cash provided by (used in) capital and related financing activities	(6,731,874)	(49,276,111)
Net (decrease) increase in cash and cash equivalents	1,254,082	530,547
Cash and cash equivalents, beginning	153,304,256	154,027,791
Cash and cash equivalents-Funds held by GPA, May 31, 2020	**$ 154,558,338**	**$ 154,558,338**

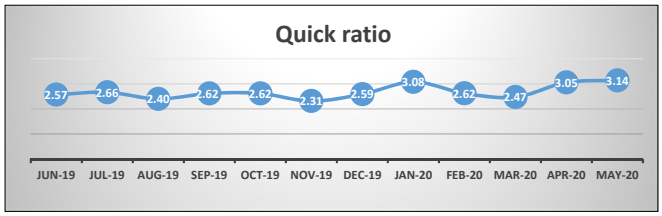
GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Cash Flows, continued
Period Ended May 31, 2020

	Month Ended 5/31/2020	YTD Ended 5/31/2020
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	$ 3,125,955	$ 27,219,866
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	3,208,916	25,057,945
Other expense	84,937	511,399
(Increase) decrease in assets:		
Accounts receivable	2,937,622	661,086
Materials and inventory	(81,812)	(2,108,909)
Fuel inventory	1,943,906	4,115,626
Prepaid expenses	1,110,536	(4,872,013)
Unamortized debt issuance cost	22,362	178,896
Deferred fuel revenue	(546,157)	6,962,712
Unamortized loss on debt refunding	190,030	1,520,240
Unamortized forward delivery contract costs	13,280	106,240
Increase (decrease) in liabilities:		
Accounts payable-operations	(4,169,973)	(7,862,587)
Accounts payable-others	73,099	(254,171)
Accrued payroll and employees' benefits	84,861	(961,842)
Net pension liability	(271,330)	(2,312,797)
Employees' annual leave	121,146	545,099
Customers deposits	96,563	(479,400)
Customer advances for construction	-	922
Unearned forward delivery contract revenue	(48,668)	(389,345)
Net cash provided by operating activities	**$ 7,895,273**	**$ 47,638,967**

Guam Power Authority
Financial Analysis
5/31/2020

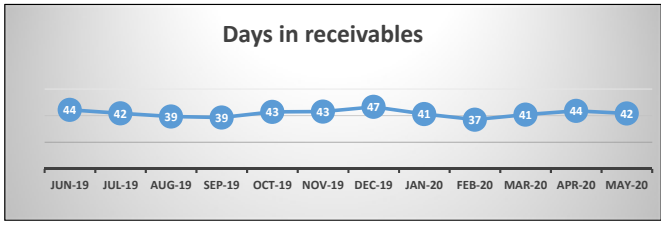
Quick Ratio

A	Reserve Funds Held by GPA	154,558,337
B	Current Accounts Receivable	42,931,685
C	Total Cash and A/R (A+B)	197,490,022
D	Total Current Liabilities	62,957,654
E	**Quick Ratio (C/D)**	**3.14**



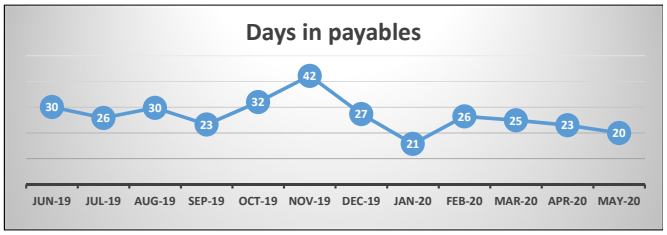
Days in Receivables

A	FY 20 Moving 12 Mos.-Actual	375,801,133
B	No. of Days	365
C	Average Revenues per day (A/B)	1,029,592
D	Current Accounts Receivable	42,931,685
E	**Days in Receivables (D/C)**	**42**



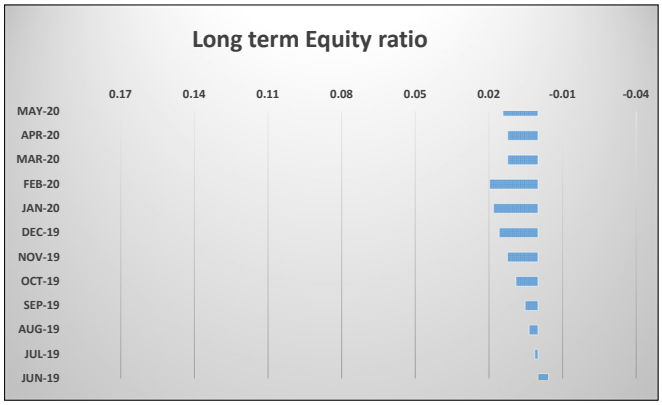
Days in Payables

A	FY 20 Moving 12 Months-Actual	365,573,165
B	No. of Days	365
C	Average Payables per day (A/B)	1,001,570
D	Current Accounts Payables	19,989,679
E	**Days in Payables (D/C)**	**20**



Long term equity ratio

A	Equity	$	7,558,547.00
B	Total Long term Liability	$	522,763,676.00
C	Total Equity and liability	$	530,322,223.00
D	**Long term equity ratio (A/C)**		**1.43%**

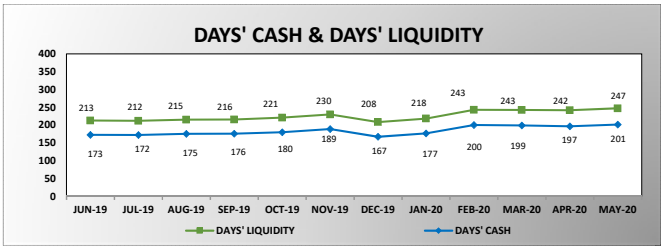


Days cash on hand

A	Unresctricted cash & cash equivalents	154,558
B	No. of Days -YTD	244
C	A x B	37,712,234
D	Total Operating expenses excluding depreciation	187,219
E	**Days cash on hand**	**201**

Days' Liquidity

A	Unresctricted cash , cash equivalents & revolving	189,558
B	No. of Days -YTD	244
C	A x B	46,252,234
D	Total Operating expenses excluding depreciation	187,219
E	**Days liquidity**	**247**



GPA 302

GUAM POWER AUTHORITY
ACCRUED REVENUE
MAY 2020

	FOR THE MONTH ENDED MAY		EIGHT MONTHS ENDED MAY	
	2020	2019	2020	2019
KWH SALES:				
Residential	50,104,381	45,901,332	338,247,518	323,106,661
Small Gen. Non Demand	4,878,549	6,785,836	40,321,012	52,447,689
Small Gen. Demand	14,574,000	16,473,837	122,056,517	121,729,655
Large General	19,502,429	25,831,230	181,480,393	199,110,602
Independent Power Producer	37,503	31,329	262,493	250,760
Private St. Lights	31,190	33,473	261,844	262,764
Sub-total	89,128,052	95,057,036	682,629,778	696,908,132
Government Service:				
Small Non Demand	667,053	1,265,906	5,557,148	9,273,460
Small Demand	8,146,861	8,650,402	66,581,726	63,626,050
Large	5,002,187	6,344,614	44,785,088	47,649,507
Street Lighting	557,564	838,818	4,713,096	6,190,875
Sub-total	14,373,665	17,099,740	121,637,058	126,739,892
Total	103,501,717	112,156,776	804,266,836	823,648,024
U. S. Navy	27,028,828	28,255,054	203,945,392	206,294,381
GRAND TOTAL	130,530,545	140,411,830	1,008,212,229	1,029,942,404
REVENUE:				
Residential	10,292,144	11,457,009	77,930,164	81,020,690
Small Gen. Non Demand	1,268,804	1,943,284	11,375,125	15,337,544
Small Gen. Demand	3,427,018	4,442,708	31,725,731	33,433,320
Large General	4,394,446	6,615,844	44,797,061	51,307,464
Independent Power Producer	9,424	8,600	67,567	70,165
Private St. Lights	23,692	25,670	200,301	206,441
Sub-total	19,415,530	24,493,115	166,095,949	181,375,624
Government Service:				
Small Non Demand	184,693	383,585	1,692,837	2,826,212
Small Demand	2,004,367	2,465,281	18,189,742	18,298,879
Large	1,214,020	1,743,611	11,923,911	13,222,015
Street Lighting	402,336	497,965	3,393,267	3,880,510
Sub-total	3,805,415	5,090,441	35,199,757	38,227,616
Total	23,220,945	29,583,556	201,295,706	219,603,239
U. S. Navy	4,330,362	5,183,974	37,630,385	43,254,530
GRAND TOTAL	27,551,306	34,767,531	238,926,091	262,857,769
NUMBER OF CUSTOMERS:				
Residential	43,948	44,640	44,382	44,125
Small Gen. Non Demand	4,255	4,213	4,143	4,182
Small Gen. Demand	946	983	1,043	984
Large General	120	119	120	119
Independent Power Producer	2	2	2	2
Private St. Lights	512	520	513	523
Sub-total	49,783	50,477	50,203	49,936
Government Service:				
Small Non Demand	634	676	641	677
Small Demand	385	355	384	353
Large	45	42	44	43
Street Lighting	616	618	617	626
Sub-total	1,680	1,691	1,686	1,698
Total	51,463	52,168	51,889	51,634
US Navy	1	1	1	1
	51,464	52,169	51,890	51,635

GPA403

GUAM POWER AUTHORITY
ACCRUED REVENUE

	TWELVE MONTHS ENDING	MAY 2020	APRIL 2020	MARCH 2020	FEBRUARY 2020	JANUARY 2020	DECEMBER 2019	NOVEMBER 2019	OCTOBER 2019	SEPTEMBER 2019	AUGUST 2019	JULY 2019	JUNE 2019
KWH SALES:													
Residential	511,913,483	50,104,381	45,696,841	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
Small General Non Demand	63,974,273	4,878,549	4,175,437	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
Small General Demand	187,966,936	14,574,000	13,085,335	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
Large General	283,648,719	19,502,429	18,150,138	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
Private Outdoor Lighting	395,539	31,190	33,692	31,198	32,183	34,228	31,725	33,968	33,660	32,707	34,326	31,882	34,779
Independent Power Producer	409,990	37,503	28,802	29,018	40,116	29,711	34,266	33,926	29,151	47,591	31,920	34,342	33,644
Sub-Total	1,048,308,942	89,128,052	81,170,246	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
Government Service:													
Small Non Demand	9,054,042	667,053	614,102	667,442	669,590	688,336	732,098	739,934	778,594	733,348	792,642	745,870	1,225,034
Small Demand	100,856,737	8,146,861	7,757,273	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
Large	69,122,959	5,002,187	4,644,794	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
Street Lighting (Agencies)	7,763,818	557,564	634,494	540,956	576,839	615,219	270,787	652,963	864,275	711,804	864,386	763,574	710,958
Sub-Total	186,797,557	14,373,665	13,650,663	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
Total	1,235,106,498	103,501,717	94,820,909	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
U.S. Navy	311,449,078	27,028,828	25,867,160	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
Grand Total	1,546,555,576	130,530,545	120,688,068	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
REVENUE:													
Residential	121,375,591	10,292,144	8,809,987	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
Small General Non Demand	18,343,046	1,268,804	1,024,880	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
Small General Demand	49,760,321	3,427,018	2,911,833	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
Large General	71,032,910	4,394,446	4,024,701	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
Private Outdoor Lighting	303,568	23,692	24,175	24,414	25,151	25,787	25,341	25,875	25,867	25,616	26,038	25,412	26,200
Independent Power Producer	107,590	9,424	6,463	6,916	10,647	7,776	9,864	8,849	7,628	13,738	9,248	8,337	8,701
Sub-Total	260,923,026	19,415,530	16,802,039	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
Government Service:													
Small Non Demand	2,785,394	184,693	169,814	201,532	200,103	221,791	232,560	236,107	246,239	232,567	250,901	235,628	373,461
Small Demand	28,022,551	2,004,367	1,895,149	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
Large	18,665,194	1,214,020	1,129,057	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
Street Lighting (Agencies)	5,322,300	402,336	414,838	412,839	419,563	438,899	342,012	459,553	503,228	471,713	503,316	482,461	471,543
Sub-Total	54,795,440	3,805,415	3,608,857	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
Total	315,718,466	23,220,945	20,410,896	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
U.S. Navy	60,082,667	4,330,362	5,228,169	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
Grand Total	375,801,133	27,551,306	25,639,065	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
NUMBER OF CUSTOMERS:													
Residential	44,397	43,948	43,707	44,509	44,748	44,755	44,203	44,602	44,584	44,479	44,497	44,408	44,329
Small General Non Demand	4,146	4,255	4,245	4,233	4,156	4,115	3,953	4,092	4,091	4,087	4,122	4,197	4,211
Small General Demand	1,041	946	948	998	1,109	1,098	1,079	1,085	1,082	1,080	1,086	1,014	971
Large General	120	120	120	119	120	121	120	120	121	120	121	120	119
Private Outdoor Lighting	515	512	511	512	512	510	517	515	517	520	518	519	520
Independent Power Producer	2	2	2	2	2	2	2	2	2	3	3	3	3
Sub-Total	50,223	49,783	49,533	50,373	50,647	50,601	49,874	50,416	50,397	50,289	50,347	50,261	50,153
Government Service:													
Small Non Demand	647	634	636	630	643	650	644	644	645	644	648	671	676
Small Demand	381	385	385	385	385	385	384	383	383	382	382	381	356
Large	44	45	45	44	44	44	44	44	44	44	44	43	43
Street Lighting (Agencies)	617	616	616	616	616	616	618	618	618	618	618	619	618
Sub-Total	1,690	1,680	1,682	1,675	1,688	1,695	1,690	1,689	1,690	1,688	1,692	1,714	1,693
Total	51,913	51,463	51,215	52,048	52,335	52,296	51,564	52,105	52,087	51,977	52,039	51,975	51,846
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	51,914	51,464	51,216	52,049	52,336	52,297	51,565	52,106	52,088	51,978	52,040	51,976	51,847

GPA303

GUAM POWER AUTHORITY
ACCRUED REVENUE
MAY 2020

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE AMOUNT	TOTAL REVENUE C/KWH	BASE RATE REVENUE C/KWH	BASE RATE REVENUE AMOUNT	AVERAGE PER CUSTOMER KWH	AVERAGE PER CUSTOMER REVENUE	NON-FUEL C/KWH	NON-FUEL AMOUNT	0.1100390 OIL C/KWH	OIL AMOUNT
Month												
R Residential	43,948	50,104,381	$ 10,292,144	$ 20.5414	$ 20.5414	$ 10,292,144	1,140	$ 234	$ 9.5375	$ 4,778,708	$ 11.0039	$ 5,513,436
G Small Gen. Non Demand	4,255	4,878,549	$ 1,268,804	$ 26.0078	$ 26.0078	$ 1,268,804	1,147	$ 298	$ 15.0039	$ 731,974	$ 11.0039	$ 536,831
J Small Gen. Demand	946	14,574,000	$ 3,427,018	$ 23.5146	$ 23.5146	$ 3,427,018	15,406	$ 3,623	$ 12.5162	$ 1,824,104	$ 10.9985	$ 1,602,914
P Large General	120	19,502,429	$ 4,394,446	$ 22.5328	$ 22.5328	$ 4,394,446	162,520	$ 36,620	$ 11.5748	$ 2,257,361	$ 10.9580	$ 2,137,085
I Independent Power Producer	2	37,503	$ 9,424	$ 25.1294	$ 25.1294	$ 9,424	18,752	$ 4,712	$ 14.5082	$ 5,441	$ 10.6212	$ 3,983
H Private St. Lights	512	31,190	$ 23,692	$ 75.9619	$ 75.9619	$ 23,692	61	$ 46	$ 64.9580	$ 20,260	$ 11.0039	$ 3,432
Sub-Total	49,783	89,128,052	$ 19,415,530	$ 21.7839	$ 21.7839	$ 19,415,530	1,790	$ 390	$ 10.7800	$ 9,617,848	$ 10.9928	$ 9,797,682
Government Service:												
S Small Non Demand	634	667,053	$ 184,693	$ 27.6879	$ 27.6879	$ 184,693	1,052	$ 291	$ 16.6840	$ 111,291	$ 11.0039	$ 73,402
K Small Demand	385	8,146,861	$ 2,004,367	$ 24.6029	$ 24.6029	$ 2,004,367	21,161	$ 5,206	$ 13.5990	$ 1,107,894	$ 11.0039	$ 896,472
L Large	45	5,002,187	$ 1,214,020	$ 24.2698	$ 24.2698	$ 1,214,020	111,160	$ 26,978	$ 13.3858	$ 669,585	$ 10.8839	$ 544,435
F Street Lighting (Agencies)	616	557,564	$ 402,336	$ 72.1595	$ 72.1595	$ 402,336	905	$ 653	$ 61.1556	$ 340,982	$ 11.0039	$ 61,354
Sub-Total	1,680	14,373,665	$ 3,805,415	$ 26.4749	$ 26.4749	$ 3,805,415	8,556	$ 2,265	$ 15.5128	$ 2,229,752	$ 10.9622	$ 1,575,663
	51,463	103,501,717	$ 23,220,945	$ 48.2588	$ 48.2588	$ 23,220,945	2,011	$ 451	$ 11.4468	$ 11,847,600	$ 10.9886	$ 11,373,345
U.S. Navy	1	27,028,828	$ 4,330,362	$ 16.0213	$ 16.0213	$ 4,330,362			$ 6.2978	$ 1,702,227	$ 9.7235	$ 2,628,135
TOTAL	**51,464**	**130,530,545**	**$ 27,551,306**	**$ 21.1072**	**$ 21.1072**	**$ 27,551,306**	**2,536**	**$ 535**	**$ 10.3806**	**$ 13,549,827**	**$ 10.7266**	**$ 14,001,479.37**
Eight Months Ending May 2020												
R Residential	44,382	338,247,518	$ 77,930,164	$ 23.0394	$ 23.0394	$ 77,930,164	7,621	$ 1,756	$ 9.6085	$ 32,500,561	$ 13.4309	$ 45,429,603
G Small Gen. Non Demand	4,143	40,321,012	$ 11,375,125	$ 28.2114	$ 28.2114	$ 11,375,125	9,733	$ 2,746	$ 14.5400	$ 5,862,664	$ 13.6714	$ 5,512,462
J Small Gen. Demand	1,043	122,056,517	$ 31,725,731	$ 25.9927	$ 25.9927	$ 31,725,731	117,010	$ 30,414	$ 12.2918	$ 15,002,938	$ 13.7009	$ 16,722,792
P Large General	120	181,480,393	$ 44,797,061	$ 24.6842	$ 24.6842	$ 44,797,061	1,510,763	$ 372,920	$ 10.8020	$ 19,603,455	$ 13.8823	$ 25,193,606
I Independent Power Producer	2	262,493	$ 67,567	$ 25.7404	$ 25.7404	$ 67,567	131,247	$ 33,783	$ 12.5010	$ 32,814	$ 13.2395	$ 34,753
H Private St. Lights	513	261,844	$ 200,301	$ 76.4963	$ 76.4963	$ 200,301	510	$ 390	$ 62.6459	$ 164,035	$ 13.8504	$ 36,267
Sub-Total	50,203	682,629,778	$ 166,095,949	$ 24.3318	$ 24.3318	$ 166,095,949	13,597	$ 3,308	$ 13.3279	$ 73,166,467	$ 13.6135	$ 92,929,482
Government Service:												
S Small Non Demand	641	5,557,148	$ 1,692,837	$ 30.4623	$ 30.4623	$ 1,692,837	8,673	$ 2,642	$ 16.4773	$ 915,669	$ 13.9850	$ 777,168
K Small Demand	384	66,581,726	$ 18,189,742	$ 27.3194	$ 27.3194	$ 18,189,742	173,221	$ 47,323	$ 13.4570	$ 8,959,924	$ 13.8624	$ 9,229,818
L Large	44	44,785,088	$ 11,923,911	$ 26.6247	$ 26.6247	$ 11,923,911	1,012,092	$ 269,467	$ 12.8203	$ 5,741,564	$ 13.8045	$ 6,182,347
F Street Lighting (Agencies)	617	4,713,096	$ 3,393,267	$ 71.9966	$ 71.9966	$ 3,393,267	7,642	$ 5,502	$ 60.9927	$ 2,741,098	$ 13.8374	$ 652,168
Sub-Total	1,686	121,637,058	$ 35,199,757	$ 28.9383	$ 28.9383	$ 35,199,757	72,140	$ 20,876	$ 15.0927	$ 18,358,256	$ 13.8457	$ 16,841,501
U.S. Navy	1	203,945,392	$ 37,630,385	$ 18.4512	$ 18.4512	$ 37,630,385			$ 6.2303	$ 12,706,510	$ 12.2209	$ 24,923,875
TOTAL	**51,890**	**1,008,212,229**	**$ 238,926,091**	**$ 23.6980**	**$ 23.6980**	**$ 238,926,091**	**19,430**	**$ 4,604**	**$ 10.3382**	**$ 104,231,232**	**$ 13.3598**	**$ 134,694,858**
Twelve Months Ending May 2020												
R Residential	44,397	511,913,483	$ 121,375,591	$ 23.7102	$ 23.7102	$ 121,375,591	11,530	$ 2,734	$ 9.6031	$ 49,159,403	$ 14.1071	$ 72,216,188
G Small Gen. Non Demand	4,146	63,974,273	$ 18,343,046	$ 28.6725	$ 28.6725	$ 18,343,046	15,429	$ 4,424	$ 14.3530	$ 9,182,258	$ 14.3195	$ 9,160,788
J Small Gen. Demand	1,041	187,966,936	$ 49,760,321	$ 26.4729	$ 26.4729	$ 49,760,321	180,506	$ 47,785	$ 12.1702	$ 22,875,875	$ 14.3028	$ 26,884,446
P Large General	120	283,648,719	$ 71,032,910	$ 25.0426	$ 25.0426	$ 71,032,910	2,362,099	$ 591,530	$ 10.6312	$ 30,155,195	$ 14.4114	$ 40,877,715
I Independent Power Producer	2	409,990	$ 107,590	$ 26.2421	$ 26.2421	$ 107,590	175,710	$ 46,110	$ 60.1673	$ 246,680	$ 13.5062	$ 55,374
H Private St. Lights	515	395,539	$ 303,568	$ 76.7478	$ 76.7478	$ 303,568	768	$ 589	$ 12.8692	$ 50,903	$ 14.7144	$ 58,201
Sub-Total	50,223	1,048,308,942	$ 260,923,026	$ 24.8899	$ 24.8899	$ 260,923,026	20,873	$ 5,195	$ 13.8860	$ 111,670,313	$ 14.2375	$ 149,252,713
Government Service:												
S Small Non Demand	647	9,054,042	$ 2,785,394	$ 30.7641	$ 30.7641	$ 2,785,394	13,992	$ 4,305	$ 16.2232	$ 1,468,858	$ 14.5409	$ 1,316,536
K Small Demand	381	100,856,737	$ 28,022,551	$ 27.7845	$ 27.7845	$ 28,022,551	264,484	$ 73,486	$ 13.3914	$ 13,506,087	$ 14.3932	$ 14,516,464
L Large	44	69,122,959	$ 18,665,194	$ 27.0029	$ 27.0029	$ 18,665,194	1,570,976	$ 424,209	$ 12.6950	$ 8,775,142	$ 14.3079	$ 9,890,052
F Street Lighting (Agencies)	617	7,763,818	$ 5,322,300	$ 68.5526	$ 68.5526	$ 5,322,300	12,578	$ 8,623	$ 57.5487	$ 4,199,582	$ 14.4609	$ 1,122,718
Sub-Total	1,690	186,797,557	$ 54,795,440	$ 29.3341	$ 29.3341	$ 54,795,440	110,553	$ 32,430	$ 14.9625	$ 27,949,670	$ 14.3716	$ 26,845,771
	51,913	1,235,106,498	$ 315,718,466	$ 25.5620	$ 25.5620	$ 315,718,466	23,792	$ 6,082	$ 11.3043	$ 139,619,983	$ 14.2578	$ 176,098,484
U.S. Navy	1	311,449,078	$ 60,082,667	$ 19.2913	$ 19.2913	$ 60,082,667			$ 6.1671	$ 19,207,248	$ 13.1243	$ 40,875,419
TOTAL	**51,914**	**1,546,555,576**	**$ 375,801,133**	**$ 24.2992**	**$ 24.2992**	**$ 375,801,133**	**29,791**	**$ 7,239**	**$ 10.2697**	**$ 158,827,231**	**$ 14.0295**	**$ 216,973,902**

GPA-318 | **ENERGY ACCOUNT** | **FOR INTERNAL USE ONLY**

318May20 | **FY 2020 Versus FY 2019**

	May 2020		May 2019		Y T D 2020		Y T D 2019		MOVING TWELVE MONTHS	
Gross Generation										
Number of days in Period	**31**		**31**		**244**		**244**		**366**	
Peak demand	**241**		**254**		**247**		**254**		**255**	
Date	**05/20/20**		**05/30/19**		**10/23/19**		**05/30/19**		**06/06/19**	
	KWH	**% change**	**KWH**	**% change**	**KWH**	**% change**	**KWH**	**% change**	**KWH**	**% change**
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	65,594,000		70,945,000		453,562,000		499,806,000		711,572,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	24,130,600		14,423,000		218,369,000		174,444,300		322,372,900	
MEC (ENRON) Piti 9 (IPP)	25,622,200		28,683,200		207,339,000		201,916,200		296,504,170	
TEMES Piti 7 (IPP)	3,844,073		3,916,718		25,311,499		39,823,424		34,845,270	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:							0			
MDI 10MW	0		506,376		118,137		623,389		197,438	
NRG Solar Dandan	4,538,020		4,762,146		33,832,839		32,604,547		49,198,817	
Dededo CT #1	139,290		864,240		1,577,940		4,579,500		1,890,250	
Dededo CT #2	412,530		1,844,430		3,222,990		6,416,340		4,484,890	
Macheche CT	5,575,236		3,374,689		37,516,417		35,234,080		56,156,521	
Yigo CT (Leased)	5,312,547		4,826,186		32,555,064		34,300,479		47,525,009	
Tenjo	2,197,550		3,041,310		27,823,760		18,054,570		38,012,560	
Talofofo 10 MW	0		722,170		1,121,170		5,150,130		4,786,930	
Aggreko	6,641,759		16,530,113		71,732,236		83,766,875		137,385,006	
Wind Turbine*	28,471		10,850		159,424		123,147		181,075	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	144,036,277		**154,450,428**		**1,114,241,475**		**1,136,842,981**		**1,705,112,837**	
Ratio to last year		93.26		101.89		98.01		**97.68**		**100.80**
Station use	5,727,976		5,872,738		43,301,895		44,274,757		65,917,600	
Ratio to Gross generation		3.98		3.80		3.89		3.89		**3.87**
Net send out	138,308,301		148,577,689		1,070,939,580		1,092,568,224		1,639,195,236	
Ratio to last year		93.09		101.51		98.02		**97.44**		**100.74**
KWH deliveries:										
Sales to Navy (@34.5kv)	**27,028,828**		**28,255,054**		**203,945,392**		**206,294,381**		**311,449,078**	
Ratio to last year		95.66		106.12		98.86		**98.99**		**102.33**
GPA-metered	**111,279,473**		**120,322,635**		**866,994,188**		**886,273,843**		**1,327,746,158**	
Ratio to last year		92.48		100.48		97.82		**97.09**		**100.37**
Power factor adj.	0		0		0		0		0	
Adjusted	111,279,473		120,322,635		866,994,188		886,273,843		1,327,746,158	
GPA KWH Accountability:										
Sales to civilian customers-										
accrual basis	**103,501,717**		**112,156,776**		**804,266,836**		**823,648,024**		**1,235,106,499**	
Ratio to last year		92.28		100.62		97.65		**96.45**		**100.39**
GPA use-KWH	329,784		365,521		2,660,331		2,720,860		4,079,264	
Unaccounted For	7,447,971		7,800,338		60,067,021		59,904,959		88,560,395	
Ratio to deliveries		6.69		6.48		6.93		6.76		6.67
Ratio to Gross Generation		5.17		5.05		5.39		5.27		5.19
Ratio to Net Send Out		5.40		5.25		5.61		5.48		5.42

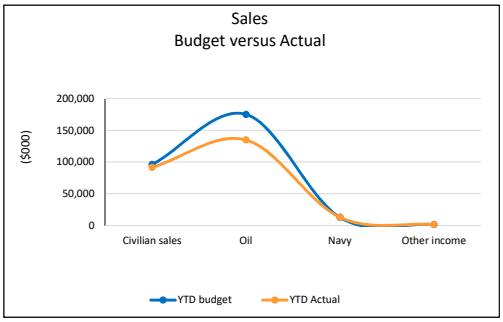
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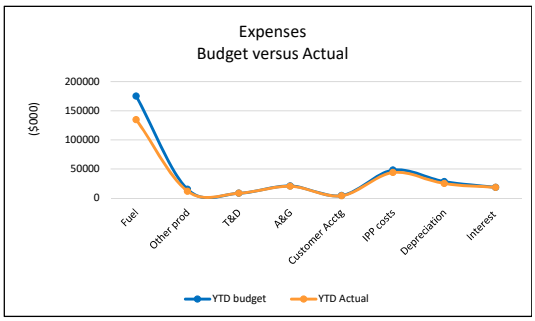
Guam Power Authority
Fuel Consumption
FY 2020

Description	May 2020 BARRELS	May 2020 AMOUNT	YEAR-TO-DATE BARRELS	YEAR-TO-DATE AMOUNT	MOVING 12 MONTHS BARREL S	MOVING 12 MONTHS 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	121,261	$6,254,032	1,110,655	$ 63,880,711	1,536,658	$ 94,335,377
Diesel	52,431	$2,599,268	420,398	$ 33,758,585	672,544	$ 56,761,352
Low Sulfur	61,789	$4,006,060	248,626	$ 17,314,361	522,608	$ 36,916,699
Deferred Fuel Costs	0	-$546,157	0	$ 6,962,712	0	$ 9,994,891
Fuel Adjustments	0	-$57,447		$ 96,786	0	$ 279,082
Fuel Handling Costs	0	$1,745,724	0	$ 12,681,705	0	$ 18,686,502
	235,480	**$14,001,480**	**1,779,679**	**$ 134,694,859**	**2,731,810**	**$ 216,973,903**
IWPS:						
GPA RFO	121,261	$6,254,032	1,110,655	$ 63,880,711	1,536,658	$ 94,335,377
Diesel	52,431	$2,599,268	420,398	$ 33,758,585	672,544	$ 56,761,352
Low Sulfur	61,789	$4,006,060	248,626	$ 17,314,361	522,608	$ 36,916,699
Deferred Fuel Costs	0	-$546,157	0	$ 6,962,712	0	$ 9,994,891
Fuel Variance	0	-$57,447	0	$ 96,786		$ 279,082
Fuel Handling Costs	0	$1,745,724	0	$ 12,681,705	0	$ 18,686,502
	235,480	**$14,001,480**	**1,779,679**	**$ 134,694,859**	**2,731,810**	**$ 216,973,903**
AVERAGE COST/Bbl.						
GPA RFO		**$51.58**		**$57.52**		**$61.39**
Diesel		**$49.58**		**$80.30**		**$84.40**
Low Sulfur		**$64.83**		**$69.64**		**$70.64**
AS BURNED						
Cabras 1 & 2						
RFO	112,855	$ 5,820,491	674,084	$ 38,348,953	928,945	$ 56,519,118
Low Sulfur	2,212	$ 176,965	106,141	$ 7,514,912	293,334	$ 20,979,284
Diesel	23	$ 2,094	569	$ 52,885	1,118	$ 99,856
	115,090	$ 5,999,550	780,794	$ 45,916,749	1,223,396	$ 77,598,258
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	8,406	$ 433,542	436,571	$ 25,531,758	607,713	$ 37,816,259
Low Sulfur	59,577	$ 3,829,095	142,485	$ 9,799,449	229,274	$ 15,937,415
Diesel	0	$ -	35	$ 2,486	51	$ 3,614
	67,983	$ 4,262,637	579,091	$ 35,333,693	837,038	$ 53,757,288
Diesel & CT's - GPA:						
MDI Dsl	0	$ -	169	$ 15,925	297	$ 28,016
Macheche CT	12,417	$ 561,323	83,035	$ 6,528,469	123,810	$ 10,216,339
Yigo CT	11,558	$ 491,258	71,632	$ 5,489,149	104,777	$ 8,466,497
Talofofo 10 MW	0	$ -	1,893	$ 165,227	8,466	$ 764,348
Aggreko	12,249	$ 520,230	133,628	$ 10,276,549	255,721	$ 21,125,231
Tenjo	3,896	$ 355,289	47,817	$ 4,423,839	65,535	$ 6,347,774
TEMES (IPP)	10,449	$ 508,663	66,677	$ 5,450,347	92,775	$ 7,879,145
GWA Generators	0	$ 29	229	$ 30,641	367	$ 48,387
	52,407	$ 2,597,174	419,794	$ 33,703,214	671,375	$ 56,657,882
Deferred Fuel Costs	0	$ (546,157)		$ 6,962,712		$ 9,994,891
Adjustment		$ (57,447)		$ 96,786		$ 279,082
Fuel Handling Costs	0	$ 1,745,724		$ 12,681,705		$ 18,686,502
TOTAL	**235,480**	**$ 14,001,480**	**1,779,679**	**$ 134,694,859**	**2,731,810**	**$ 216,973,903**

Statement of operations
Comparison-Budget versus Actual
For the month and year to date ended May 31, 2020

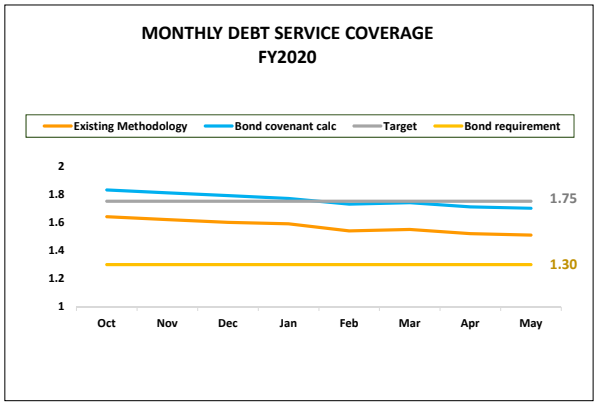
	Budget	Actual May-20	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	**116,324**	**103,502**	**12,822**	**854,312**	**804,267**	**50,045**
Non-fuel yield	**$ 0.112135**	**$ 0.114471**	**$ (0.002336)**	**$ 0.112448**	**$ 0.113799**	**$ (0.001351)**
KwH Sales-Navy	**27,397**	**27,029**	**368**	**200,032**	**203,946**	**-3,914**
Non-fuel yield	**$ 0.062452**	**$ 0.062969**	**$ (0.000518)**	**$ 0.062452**	**$ 0.062311**	**$ 0.000141**
Operating revenue						
Civilian sales	$ 13,044	$ 11,848	$ 1,196	$ 96,066	$ 91,525	$ 4,541
Oil	25,552	14,001	11,551	174,990	134,694	40,296
Navy	1,711	1,702	9	12,492	12,708	(216)
Other income	180	51	129	1,440	1,299	141
	40,487	27,602	12,885	284,988	240,226	44,763
Bad debts expense	91	91	(0)	727	727	(0)
Total operating revenues	$ 40,396	$ 27,511	$ 12,885	$ 284,261	$ 239,498	$ 44,763
Operating expenses:						
Production fuel	$ 25,552	$ 14,001	$ 11,551	$ 174,990	$ 134,695	$ 40,295
O & M expenses:						
Other production	1,695	1,945	(250)	15,115	11,827	3,289
Transmission distribution	1,167	1,198	(31)	8,375	8,420	(45)
Administrative expense	2,684	2,574	109	20,934	20,390	544
Customer accounting	542	410	132	3,675	3,323	352
	6,088	6,128	(39)	48,099	43,960	4,139
IPP costs	1,246	1,047	199	9,969	8,565	1,404
Depreciation	3,543	3,209	334	28,345	25,058	3,287
	36,430	24,385	12,045	261,403	212,277	49,126
Operating income	$ 3,966	$ 3,126	$ 841	$ 22,858	$ 27,221	$ (4,363)
Other revenue (expenses):						
Investment income	167	76	91	1,336	2,275	(939)
Interest expense	(2,315)	(2,299)	(17)	(18,521)	(18,500)	(21)
Pandemic -COVID19	-	-	-	-	(805)	805
Losses due to typhoon	-	-	-	-	(168)	168
Bond issuance costs/Other expenses	139	85	54	1,111	678	433
Net income before capital contribution	1,957	988	968	6,784	10,700	(3,918)
Grants from the U.S. Government	-	-	-	-	-	-
Increase (decrease) in net assets	$ 1,957	$ 988	$ 968	$ 6,784	$ 10,700	$ (3,918)





Guam Power Authority
Debt service coverage
May 31, 2020

	2016	Restated 2017	Audited 2018	YTD Audited 2019	YTD Unaudited 2020
Funds Available for Debt Service					
Earnings from Operations	$ 37,981	$ 36,522	$ 38,164	$ 39,053	$ 27,220
Interest Income	57	122	620	2,746	1,643
Depreciation Expense	44,240	44,292	37,184	36,999	25,058
Balance Available for Debt Service	$ 82,278	$ 80,936	$ 75,968	$ 87,170	$ 53,921
IPP - Capital Costs					
Principal	$ 14,819	$ 20,796	$ 23,210	$ 13,470	$ 5,599
Interest	5,970	5,609	3,159	1,068	354
Total IPP Payments	$ 20,789	$ 26,400	$ 26,369	$ 14,538	$ 5,953
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	23,488
Principal and Interest (2014 Senior TE Bond)	10	5,084	5,083	5,084	3,392
Principal and Interest (2017 Senior TE Bond)			5,916	7,607	4,944
Total	$ 25,107	$ 30,532	$ 30,086	$ 44,158	$ 31,824
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	2.45 x	1.79 x	1.65 x	1.64 x	1.51 x
Existing DSC Methodology (Senior+Subordinate)	2.45 x	1.79 x	1.65 x	1.64 x	1.51 x
Bond Covenant DSC	3.28 x	2.65 x	2.53 x	1.97 x	1.69 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

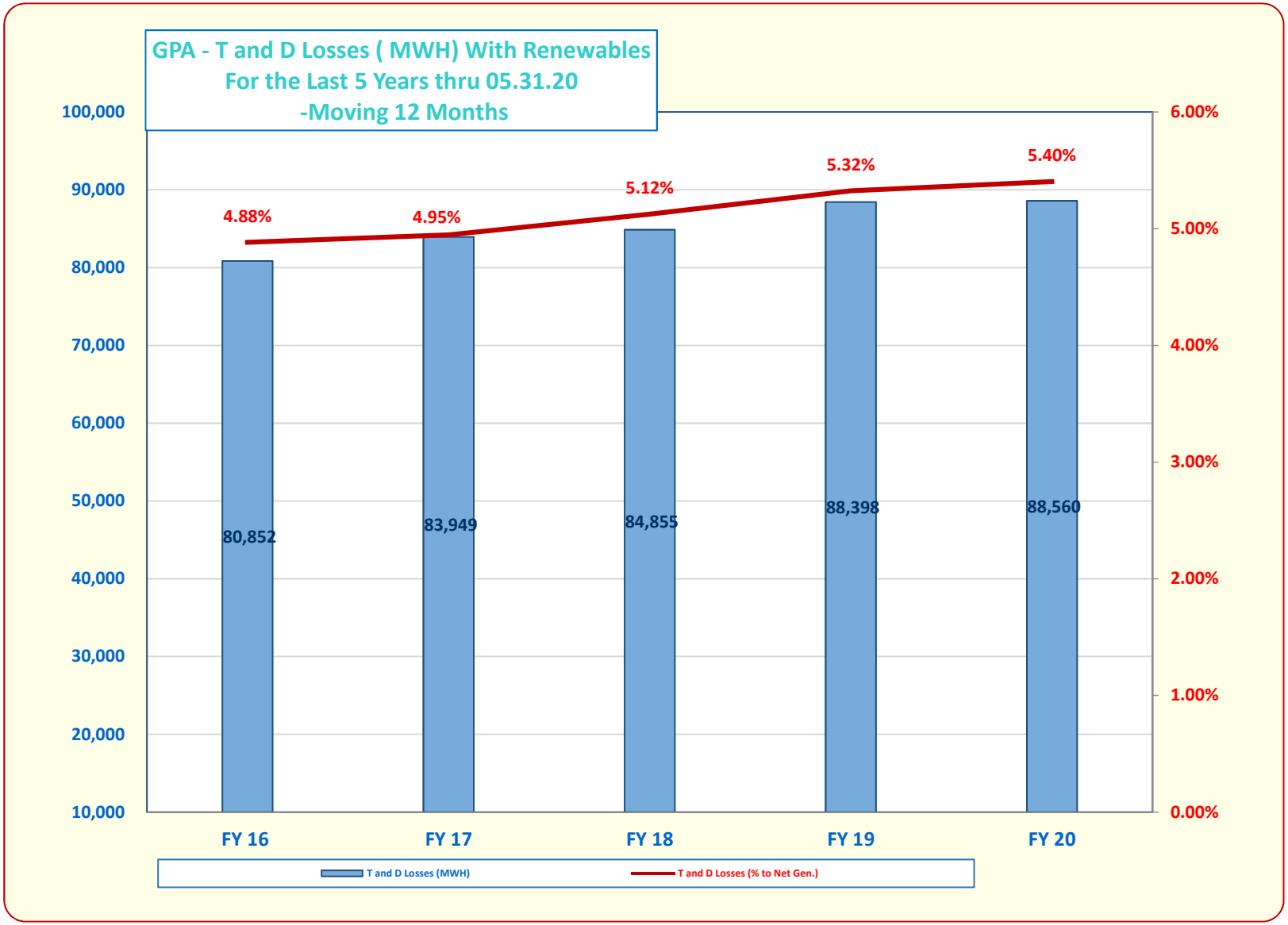


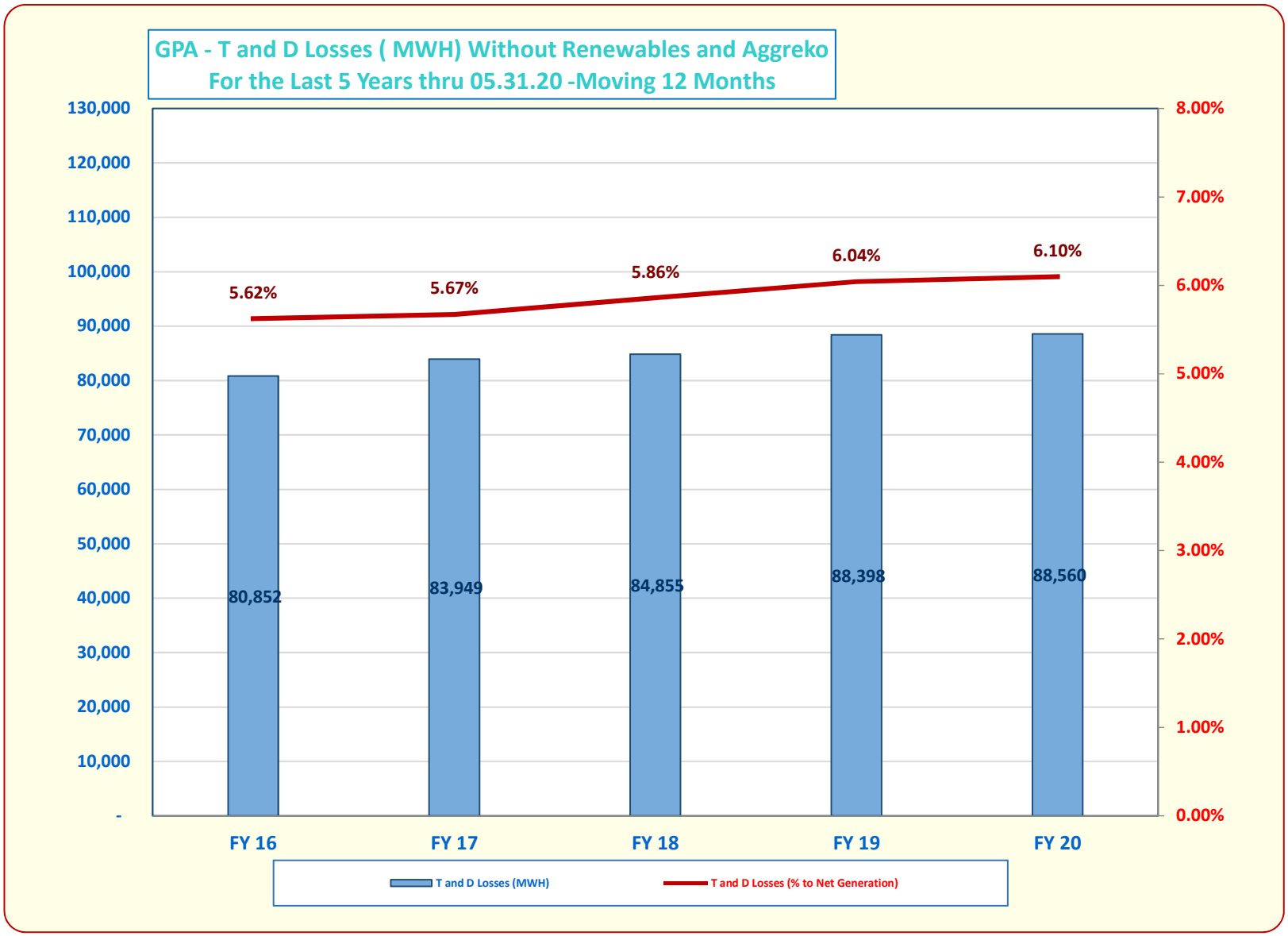
Notes:
(1) Source: Guam Power Authority, 2014 - 2019 Audited Financial Statements
(2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit
(3) Existing DSC Methodology (Rating Agency Method):
(Operating Earnings + Depreciation Expense - IPP Principal & 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)

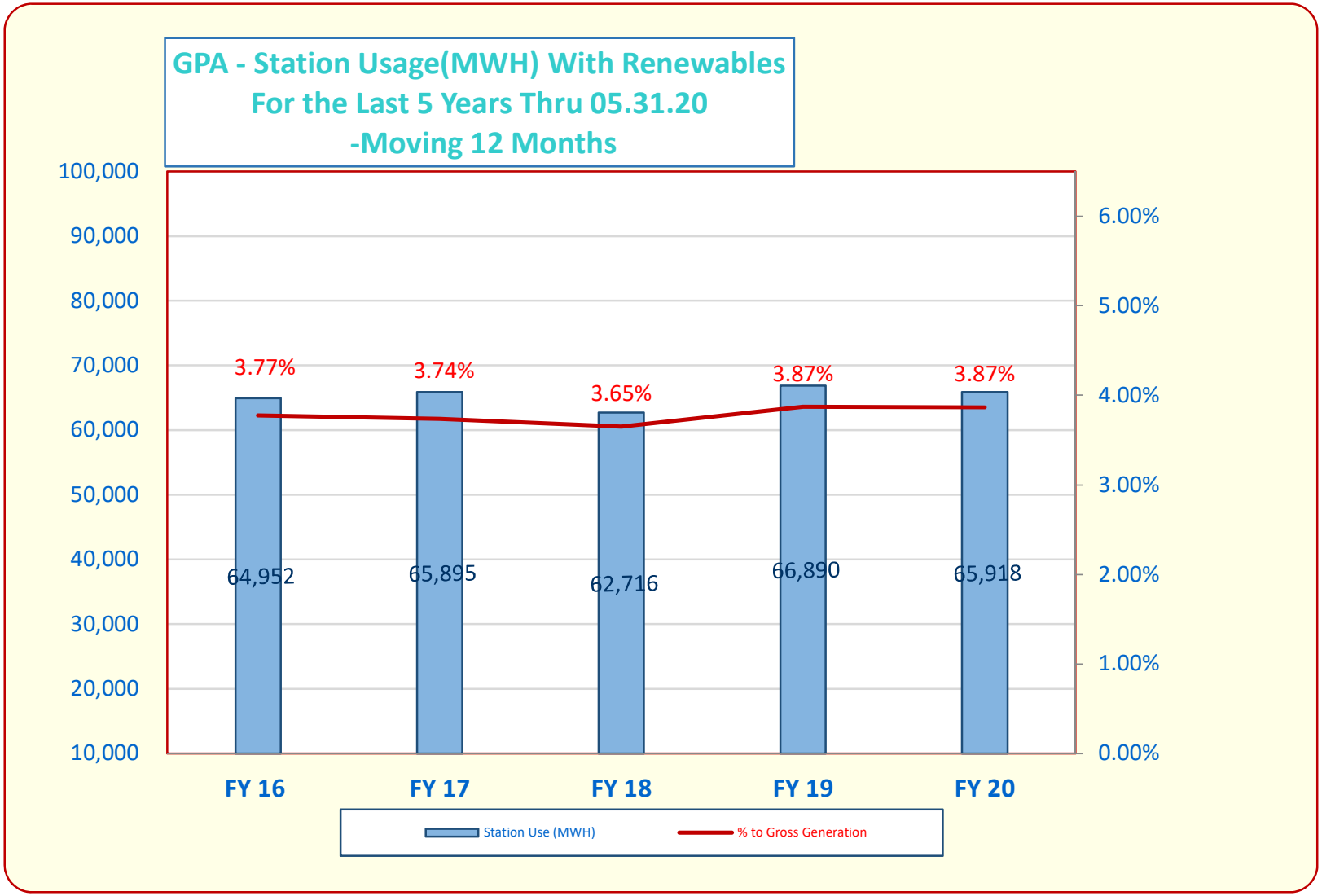
REVENUES-ACTUAL VS PROJECTIONS

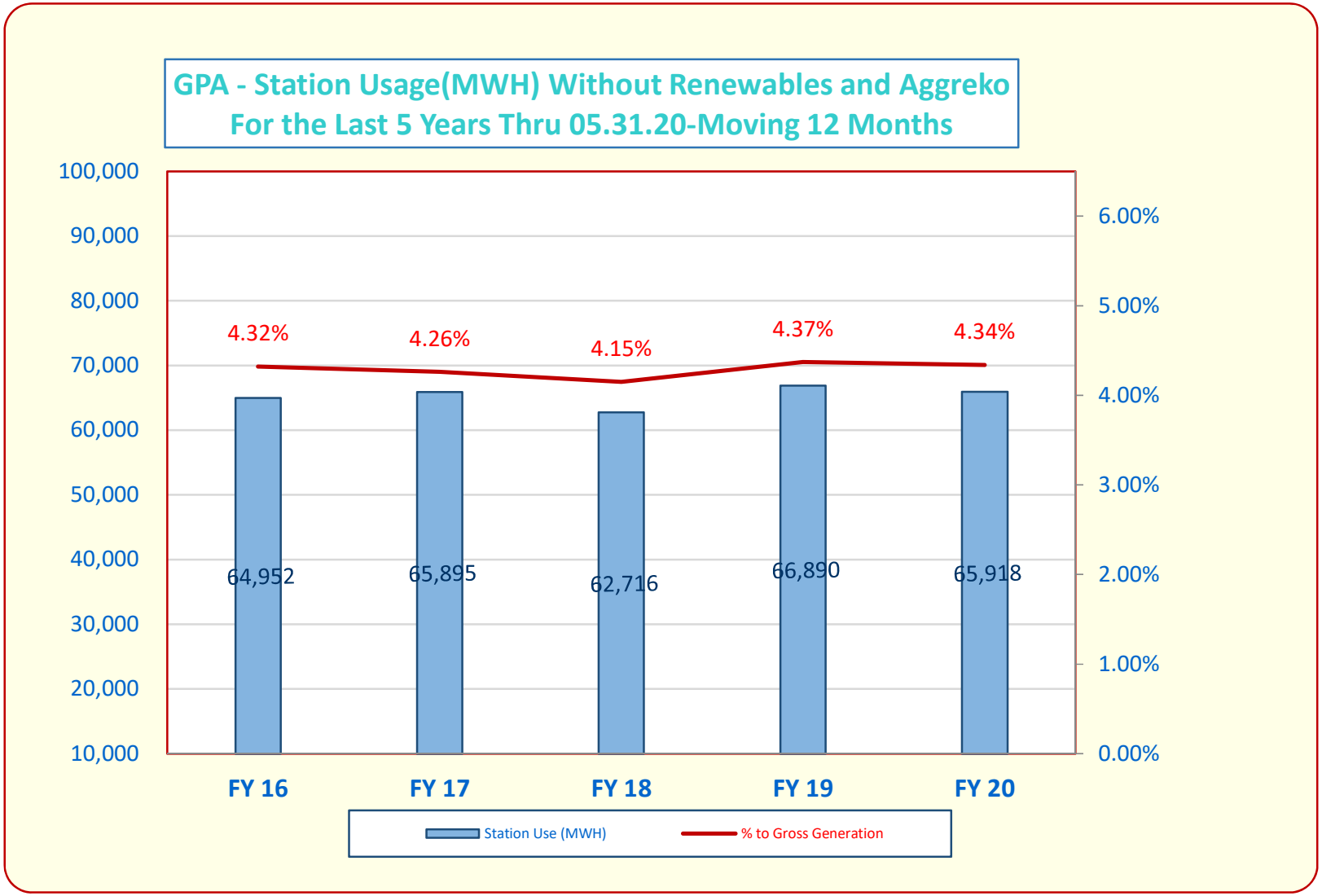
	MONTHLY - MAY 2020				YTD THRU 05/31/20			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	48,067,769	50,104,381	2,036,613	4.24%	338,356,548	338,247,518	(109,030)	-0.03%
Small General-Non-Demand	7,405,512	4,878,549	(2,526,963)	-34.12%	57,237,161	40,321,012	(16,916,149)	-29.55%
Small General-Demand	16,334,155	14,574,000	(1,760,155)	-10.78%	120,697,507	122,056,517	1,359,010	1.13%
Large	26,975,535	19,502,429	(7,473,106)	-27.70%	207,931,060	181,480,393	(26,450,667)	-12.72%
Independent Power Producers	34,067	37,503	3,436	10.09%	262,594	262,493	(101)	-0.04%
Private St. Lites	5,160	31,190	26,030	504.45%	40,506	261,844	221,338	546.43%
Sub-total	**98,822,197**	**89,128,052**	**(9,694,145)**	**-9.81%**	**724,525,377**	**682,629,778**	**(41,895,599)**	**-5.78%**
Government								
Small_Non Demand	1,343,657	667,053	(676,604)	-50.36%	9,843,031	5,557,148	(4,285,883)	-43.54%
Small-Demand	8,402,773	8,146,861	(255,912)	-3.05%	61,804,674	66,581,726	4,777,052	7.73%
Large	6,943,396	5,002,187	(1,941,208)	-27.96%	52,146,494	44,785,088	(7,361,406)	-14.12%
Public St. Lites	811,881	557,564	(254,317)	-31.32%	5,992,062	4,713,096	(1,278,966)	-21.34%
Sub-total	**17,501,706**	**14,373,665**	**(3,128,041)**	**-17.87%**	**129,786,261**	**121,637,058**	**(8,149,203)**	**-6.28%**
Total-Civilian	**116,323,903**	**103,501,717**	**(12,822,186)**	**-11.02%**	**854,311,638**	**804,266,836**	**(50,044,802)**	**-5.86%**
USN	27,397,213	27,028,828	(368,385)	-1.34%	200,031,157	203,945,392	3,914,235	1.96%
Grand Total	**143,721,117**	**130,530,545**	**(13,190,572)**	**-9.18%**	**1,054,342,795**	**1,008,212,229**	**(46,130,567)**	**-4.38%**
					-	-		
Non-Oil Yield								
Residential	0.096264	0.095375	(0.000889)	-0.92%	0.096264	0.096085	(0.000179)	-0.19%
Small General-Non-Demand	0.136877	0.150039	0.013163	9.62%	0.136877	0.145400	0.008523	6.23%
Small General-Demand	0.120054	0.125162	0.005108	4.25%	0.120054	0.122918	0.002864	2.39%
Large	0.104208	0.115748	0.011540	11.07%	0.104208	0.108020	0.003812	3.66%
Independent Power Producers	0.626461	0.145082	(0.481380)	0.00%	0.626461	0.125010	(0.501451)	0.00%
Private St. Lites	0.114929	0.649580	0.534651	465.20%	0.114929	0.626459	0.511530	445.08%
Sub-total	**0.105592**	**0.107910**	**0.002318**	**2.20%**	**0.105909**	**0.107183**	**0.001275**	**1.20%**
Government					-			
Small_Non Demand	0.150486	0.166840	0.016354	10.87%	0.150486	0.164773	0.014288	9.49%
Small-Demand	0.135060	0.135990	0.000930	0.69%	0.135060	0.134570	(0.000490)	-0.36%
Large	0.127855	0.133858	0.006003	4.70%	0.127855	0.128203	0.000348	0.27%
Public St. Lites	0.473421	0.611556	0.138136	29.18%	0.473421	0.581592	0.108171	22.85%
Sub-total	**0.149082**	**0.155128**	**0.006046**	**4.06%**	**0.148957**	**0.150927**	**0.001970**	**1.32%**
Total-Civilian	**0.112135**	**0.114468**	**0.002332**	**2.08%**	**0.165943**	**0.113799**	**(0.052144)**	**-31.42%**
USN	0.062452	0.062978	0.000527	0.84%	0.062452	0.062303	(0.000148)	-0.24%
Grand Total	**0.102664**	**0.103806**	**0.001142**	**1.11%**	**0.102963**	**0.103382**	**0.000419**	**0.41%**
Non-Oil Revenues								
Residential	4,627,219	4,778,708	151,489	3.27%	32,571,719	32,500,561	(71,158)	-0.22%
Small General-Non-Demand	1,013,642	731,974	(281,668)	-27.79%	7,834,430	5,862,664	(1,971,767)	-25.17%
Small General-Demand	1,960,973	1,824,104	(136,869)	-6.98%	14,490,164	15,002,938	512,774	3.54%
Large	2,811,063	2,257,361	(553,702)	-19.70%	21,668,056	19,603,455	(2,064,601)	-9.53%
Independent Power Producers	21,342	5,441	(15,901)	-74.51%	164,505	32,814	(131,691)	-80.05%
Private St. Lites	593	20,260	19,667	3316.35%	4,655	164,035	159,379	3423.56%
Sub-total	**10,434,832**	**9,617,848**	**(816,984)**	**-7.83%**	**76,733,530**	**73,166,467**	**(3,567,063)**	**-4.65%**
Government								
Small_Non Demand	202,201	111,291	(90,910)	-44.96%	1,481,235	915,669	(565,566)	-38.18%
Small-Demand	1,134,877	1,107,894	(26,983)	-2.38%	8,347,329	8,959,924	612,595	7.34%
Large	887,748	669,585	(218,163)	-24.57%	6,667,189	5,741,564	(925,625)	-13.88%
Public St. Lites	384,361	340,982	(43,379)	-11.29%	2,836,766	2,741,098	(95,667)	-3.37%
Sub-total	**2,609,187**	**2,229,752**	**(379,435)**	**-14.54%**	**19,332,519**	**18,358,256**	**(974,264)**	**-5.04%**
Total-Civilian	**13,044,019**	**11,847,600**	**(1,196,419)**	**-9.17%**	**96,066,049**	**91,524,723**	**(4,541,326)**	**-4.73%**
USN	1,711,001	1,702,227	(8,774)	-0.51%	12,492,272	12,706,510	214,238	1.71%
Grand Total	**14,755,020**	**13,549,827**	**(1,205,193)**	**-8.17%**	**108,558,321**	**104,231,232**	**(4,327,089)**	**-3.99%**
% of Total Revenues	36.61%	49.18%			38.29%	43.62%		
Oil Revenues								
Residential	8,545,916	5,513,436	(3,032,480)	-35.48%	56,178,772	45,429,603	(10,749,170)	-19.13%
Small General-Non-Demand	1,316,618	536,831	(779,787)	-59.23%	9,491,958	5,512,462	(3,979,496)	-41.92%
Small General-Demand	2,904,032	1,602,914	(1,301,117)	-44.80%	20,033,591	16,722,792	(3,310,799)	-16.53%
Large	4,795,951	2,137,085	(2,658,865)	-55.44%	34,468,265	25,193,606	(9,274,659)	-26.91%
Independent Power Producers	6,057	3,983	(2,073)	-34.23%	43,530	34,753	(8,777)	-20.16%
Private St. Lites	917	3,432	2,515	274.11%	6,716	36,267	29,551	440.01%
Sub-total	**17,569,490**	**9,797,682**	**(7,771,808)**	**-44.23%**	**120,222,833**	**92,929,482**	**(27,293,351)**	**-22.70%**
Government								
Small_Non Demand	238,887	73,402	(165,486)	-69.27%	1,635,006	777,168	(857,838)	-52.47%
Small-Demand	1,493,920	896,472	(597,447)	-39.99%	10,265,318	9,229,818	(1,035,500)	-10.09%
Large	1,234,459	544,435	(690,024)	-55.90%	8,649,172	6,182,347	(2,466,825)	-28.52%
Public St. Lites	144,343	61,354	(82,990)	-57.49%	995,000	652,168	(342,832)	-34.46%
Sub-total	**3,111,609**	**1,575,663**	**(1,535,946)**	**-49.36%**	**21,544,496**	**16,841,501**	**(4,702,995)**	**-21.83%**
Total-Civilian	**20,681,100**	**11,373,345**	**(9,307,755)**	**-45.01%**	**141,767,329**	**109,770,983**	**(31,996,346)**	**-22.57%**
USN	4,870,921	2,628,135	(2,242,786)	-46.04%	33,222,827	24,923,875	(8,298,951)	-24.98%
Grand Total	**25,552,020**	**14,001,479**	**(11,550,541)**	**-45.20%**	**174,990,155**	**134,694,858**	**(40,295,297)**	**-23.03%**
% of Total Revenues	63.39%	50.82%			61.71%	56.38%		
Grand Total								
Residential	13,173,135	10,292,144	(2,880,991)	-21.87%	88,750,492	77,930,164	(10,820,328)	-12.19%
Small General-Non-Demand	2,330,259	1,268,804	(1,061,455)	-45.55%	17,326,388	11,375,125	(5,951,263)	-34.35%
Small General-Demand	4,865,005	3,427,018	(1,437,986)	-29.56%	34,523,755	31,725,731	(2,798,025)	-8.10%
Large	7,607,014	4,394,446	(3,212,568)	-42.23%	56,136,321	44,797,061	(11,339,261)	-20.20%
Independent Power Producers	27,399	9,424	(17,974)	-65.60%	208,035	67,567	(140,468)	-67.52%
Private St. Lites	1,510	23,692	22,182	1468.58%	11,371	200,301	188,930	1661.46%
Sub-total	**28,004,322**	**19,415,530**	**(8,588,793)**	**-30.67%**	**196,956,363**	**166,095,949**	**(30,860,414)**	**-15.67%**
Government					-			
Small_Non Demand	441,089	184,693	(256,396)	-58.13%	3,116,241	1,692,837	(1,423,404)	-45.68%
Small-Demand	2,628,797	2,004,367	(624,430)	-23.75%	18,612,647	18,189,742	(422,905)	-2.27%
Large	2,122,206	1,214,020	(908,187)	-42.79%	15,316,361	11,923,911	(3,392,451)	-22.15%
Public St. Lites	528,704	402,336	(126,369)	-23.90%	3,831,766	3,393,267	(438,499)	-11.44%
Sub-total	**5,720,796**	**3,805,415**	**(1,915,382)**	**-33.48%**	**40,877,015**	**35,199,757**	**(5,677,259)**	**-13.89%**
Total-Civilian	**33,725,119**	**23,220,945**	**(10,504,174)**	**-31.15%**	**237,833,378**	**201,295,706**	**(36,537,672)**	**-15.36%**
USN	6,581,921	4,330,362	(2,251,560)	-34.21%	45,715,098	37,630,385	(8,084,713)	-17.68%
Grand Total	**40,307,040**	**27,551,306**	**(12,755,734)**	**-31.65%**	**283,548,476**	**238,926,091**	**(44,622,385)**	**-15.74%**
	-	-	-					

	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 8 MONTHS ENDED MAY 31				ACTUALS - MONTH ENDED MAY 31			
	2020	2019	VARIANCE	% VARIANCE	2020	2019	VARIANCE	% VARIANCE
KWH								
Residential	338,247,518	323,106,661	15,140,857	4.69%	50,104,381	45,901,332	4,203,050	9.16%
Small General-Non-Demand	40,321,012	52,447,689	(12,126,677)	-23.12%	4,878,549	6,785,836	(1,907,287)	-28.11%
Small General-Demand	122,056,517	121,729,655	326,862	0.27%	14,574,000	16,473,837	(1,899,837)	-11.53%
Large	181,480,393	199,110,602	(17,630,209)	-8.85%	19,502,429	25,831,230	(6,328,801)	-24.50%
Independent Power Producers	262,493	250,760	11,733	4.68%	37,503	31,329	6,174	19.71%
Private St. Lites	261,844	262,764	(920)	-0.35%	31,190	33,473	(2,283)	-6.82%
Sub-total	**682,629,778**	**696,908,132**	**(14,278,354)**	**-2.05%**	**89,128,052**	**95,057,036**	**(5,928,984)**	**-6.24%**
Government								
Small_Non Demand	5,557,148	9,273,460	(3,716,312)	-40.07%	667,053	1,265,906	(598,853)	-47.31%
Small-Demand	66,581,726	63,626,050	2,955,676	4.65%	8,146,861	8,650,402	(503,540)	-5.82%
Large	44,785,088	47,649,507	(2,864,419)	-6.01%	5,002,187	6,344,614	(1,342,427)	-21.16%
Public St. Lites	4,713,096	6,190,875	(1,477,779)	-23.87%	557,564	838,818	(281,254)	-33.53%
Sub-total	**121,637,058**	**126,739,892**	**(5,102,834)**	**-4.03%**	**14,373,665**	**17,099,740**	**(2,726,075)**	**-15.94%**
Total-Civilian	**804,266,836**	**823,648,024**	**(19,381,188)**	**-2.35%**	**103,501,717**	**112,156,776**	**(8,655,059)**	**-7.72%**
USN	203,945,392	206,294,381	(2,348,988)	-1.14%	27,028,828	28,255,054	(1,226,226)	-4.34%
Grand Total	**1,008,212,229**	**1,029,942,404**	**(21,730,176)**	**-2.11%**	**130,530,545**	**140,411,830**	**(9,881,285)**	**-7.04%**
Non-Oil Yield								
Residential	0.096085	0.096513	-0.000428	-0.44%	0.095375	0.095359	0.000016	0.02%
Small General-Non-Demand	0.145400	0.138193	0.007207	5.21%	0.150039	0.132132	0.017908	13.55%
Small General-Demand	0.122918	0.120478	0.002440	2.03%	0.125162	0.115513	0.009648	8.35%
Large	0.108020	0.104166	0.003853	3.70%	0.115748	0.102612	0.013136	12.80%
Independent Power Producers	0.125010	0.130991	-0.005981	-4.57%	0.145082	0.125637	0.019445	15.48%
Private St. Lites	0.626459	0.631410	-0.004951	-0.78%	0.649580	0.612647	0.036933	6.03%
Sub-total	**0.107183**	**0.106237**	**0.000947**	**0.89%**	**0.107910**	**0.103640**	**0.004271**	**4.12%**
Government								
Small_Non Demand	0.164773	0.150521	0.014252	9.47%	0.166840	0.148771	0.018069	12.15%
Small-Demand	0.134570	0.133358	0.001212	0.91%	0.135990	0.130748	0.005242	4.01%
Large	0.128203	0.125097	0.003106	2.48%	0.133858	0.122395	0.011464	9.37%
Public St. Lites	0.581592	0.472569	0.109023	23.07%	0.611556	0.439408	0.172148	39.18%
Sub-total	**0.150927**	**0.148078**	**0.002849**	**1.92%**	**0.155128**	**0.144124**	**0.011003**	**7.63%**
Total-Civilian	**0.113799**	**0.112675**	**0.001124**	**1.00%**	**0.114468**	**0.109812**	**0.004655**	**4.24%**
USN	0.062303	0.065267	-0.002964	-4.54%	0.062978	0.061610	0.001368	2.22%
Grand Total	**0.103382**	**0.103179**	**0.000203**	**0.20%**	**0.103806**	**0.100113**	**0.003693**	**3.69%**
Non-Oil Revenues								
Residential	32,500,561	31,184,072	1,316,489	4.22%	4,778,708	4,377,096	401,612	9.18%
Small General-Non-Demand	5,862,664	7,247,907	(1,385,243)	-19.11%	731,974	896,623	(164,650)	-18.36%
Small General-Demand	15,002,938	14,665,716	337,223	2.30%	1,824,104	1,902,944	(78,840)	-4.14%
Large	19,603,455	20,740,637	(1,137,182)	-5.48%	2,257,361	2,650,598	(393,237)	-14.84%
Independent Power Producers	32,814	32,847	(33)	-0.10%	5,441	3,936	1,505	38.23%
Private St. Lites	164,035	165,912	(1,877)	-1.13%	20,260	20,507	(247)	-1.20%
Sub-total	**73,166,467**	**74,037,091**	**(870,624)**	**-1.18%**	**9,617,848**	**9,851,705**	**(233,857)**	**-2.37%**
Government								
Small_Non Demand	915,669	1,395,855	(480,186)	-34.40%	111,291	188,330	(77,039)	-40.91%
Small-Demand	8,959,924	8,485,070	474,854	5.60%	1,107,894	1,131,025	(23,131)	-2.05%
Large	5,741,564	5,960,796	(219,232)	-3.68%	669,585	776,546	(106,961)	-13.77%
Public St. Lites	2,741,098	2,925,617	(184,518)	-6.31%	340,982	368,584	(27,602)	-7.49%
Sub-total	**18,358,256**	**18,767,337**	**(409,081)**	**-2.18%**	**2,229,752**	**2,464,485**	**(234,733)**	**-9.52%**
Total-Civilian	**91,524,723**	**92,804,428**	**(1,279,705)**	**-1.38%**	**11,847,600**	**12,316,190**	**(468,590)**	**-3.80%**
USN	12,706,510	13,464,235	(757,726)	-5.63%	1,702,227	1,740,797	(38,570)	-2.22%
Grand Total	**104,231,232**	**106,268,663**	**(2,037,431)**	**-1.92%**	**13,549,827**	**14,056,987**	**(507,160)**	**-3.61%**
% of Total Revenues								
Oil Revenues								
Residential	45,429,603	49,836,618	(4,407,015)	-8.84%	5,513,436	7,079,913	(1,566,477)	-22.13%
Small General-Non-Demand	5,512,462	8,089,636	(2,577,175)	-31.86%	536,831	1,046,661	(509,830)	-48.71%
Small General-Demand	16,722,792	18,767,604	(2,044,812)	-10.90%	1,602,914	2,539,764	(936,850)	-36.89%
Large	25,193,606	30,566,827	(5,373,221)	-17.58%	2,137,085	3,965,246	(1,828,160)	-46.10%
Independent Power Producers	34,753	37,318	(2,566)	-6.88%	3,983	4,664	(680)	-14.59%
Private St. Lites	36,267	40,529	(4,263)	-10.52%	3,432	5,163	(1,731)	-33.52%
Sub-total	**92,929,482**	**107,338,533**	**(14,409,052)**	**-13.42%**	**9,797,682**	**14,641,410**	**(4,843,729)**	**-33.08%**
Government								
Small_Non Demand	777,168	1,430,357	(653,189)	-45.67%	73,402	195,256	(121,854)	-62.41%
Small-Demand	9,229,818	9,813,809	(583,991)	-5.95%	896,472	1,334,255	(437,783)	-32.81%
Large	6,182,347	7,261,219	(1,078,873)	-14.86%	544,435	967,064	(422,629)	-43.70%
Public St. Lites	652,168	954,893	(302,725)	-31.70%	61,354	129,381	(68,027)	-52.58%
Sub-total	**16,841,501**	**19,460,278**	**(2,618,777)**	**-13.46%**	**1,575,663**	**2,625,956**	**(1,050,293)**	**-40.00%**
Total-Civilian	**109,770,983**	**126,798,812**	**(17,027,829)**	**-13.43%**	**11,373,345**	**17,267,367**	**(5,894,022)**	**-34.13%**
USN	24,923,875	29,790,295	(4,866,419)	-16.34%	2,628,135	3,443,178	(815,043)	-23.67%
Grand Total	**134,694,858**	**156,589,107**	**(21,894,248)**	**-13.98%**	**14,001,479**	**20,710,544**	**(6,709,065)**	**-32.39%**
% of Total Revenues								
Grand Total								
Residential	77,930,164	81,020,690	(3,090,526)	-3.81%	10,292,144	11,457,009	(1,164,865)	-10.17%
Small General-Non-Demand	11,375,125	15,337,544	(3,962,418)	-25.83%	1,268,804	1,943,284	(674,480)	-34.71%
Small General-Demand	31,725,731	33,433,320	(1,707,589)	-5.11%	3,427,018	4,442,708	(1,015,690)	-22.86%
Large	44,797,061	51,307,464	(6,510,403)	-12.69%	4,394,446	6,615,844	(2,221,397)	-33.58%
Independent Power Producers	67,567	70,166	(2,599)	-3.70%	9,424	8,600	824	9.59%
Private St. Lites	200,301	206,441	(6,140)	-2.97%	23,692	25,670	(1,978)	-7.70%
Sub-total	**166,095,949**	**181,375,624**	**(15,279,675)**	**-8.42%**	**19,415,530**	**24,493,115**	**(5,077,585)**	**-20.73%**
Government								
Small_Non Demand	1,692,837	2,826,212	(1,133,375)	-40.10%	184,693	383,585	(198,893)	-51.85%
Small-Demand	18,189,742	18,298,879	(109,137)	-0.60%	2,004,367	2,465,281	(460,914)	-18.70%
Large	11,923,911	13,222,015	(1,298,104)	-9.82%	1,214,020	1,743,611	(529,591)	-30.37%
Public St. Lites	3,393,267	3,880,510	(487,243)	-12.56%	402,336	497,965	(95,629)	-19.20%
Sub-total	**35,199,757**	**38,227,616**	**(3,027,859)**	**-7.92%**	**3,805,415**	**5,090,441**	**(1,285,027)**	**-25.24%**
Total-Civilian	**201,295,706**	**219,603,240**	**(18,307,534)**	**-8.34%**	**23,220,945**	**29,583,556**	**(6,362,612)**	**-21.51%**
USN	37,630,385	43,254,530	(5,624,145)	-13.00%	4,330,362	5,183,974	(853,613)	-16.47%
Grand Total	**238,926,091**	**262,857,770**	**(23,931,679)**	**-9.10%**	**27,551,306**	**34,767,531**	**(7,216,225)**	**-20.76%**


GPA - T and D Losses (MWH) With Renewables
For the Last 5 Years thru 05.31.20
-Moving 12 Months
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
4.88%
4.95%
5.12%
5.32%
5.40%
80,852
83,949
84,855
88,398
88,560
FY 16
FY 17
FY 18
FY 19
FY 20
T and D Losses (MWH)
T and D Losses (% to Net Gen.)

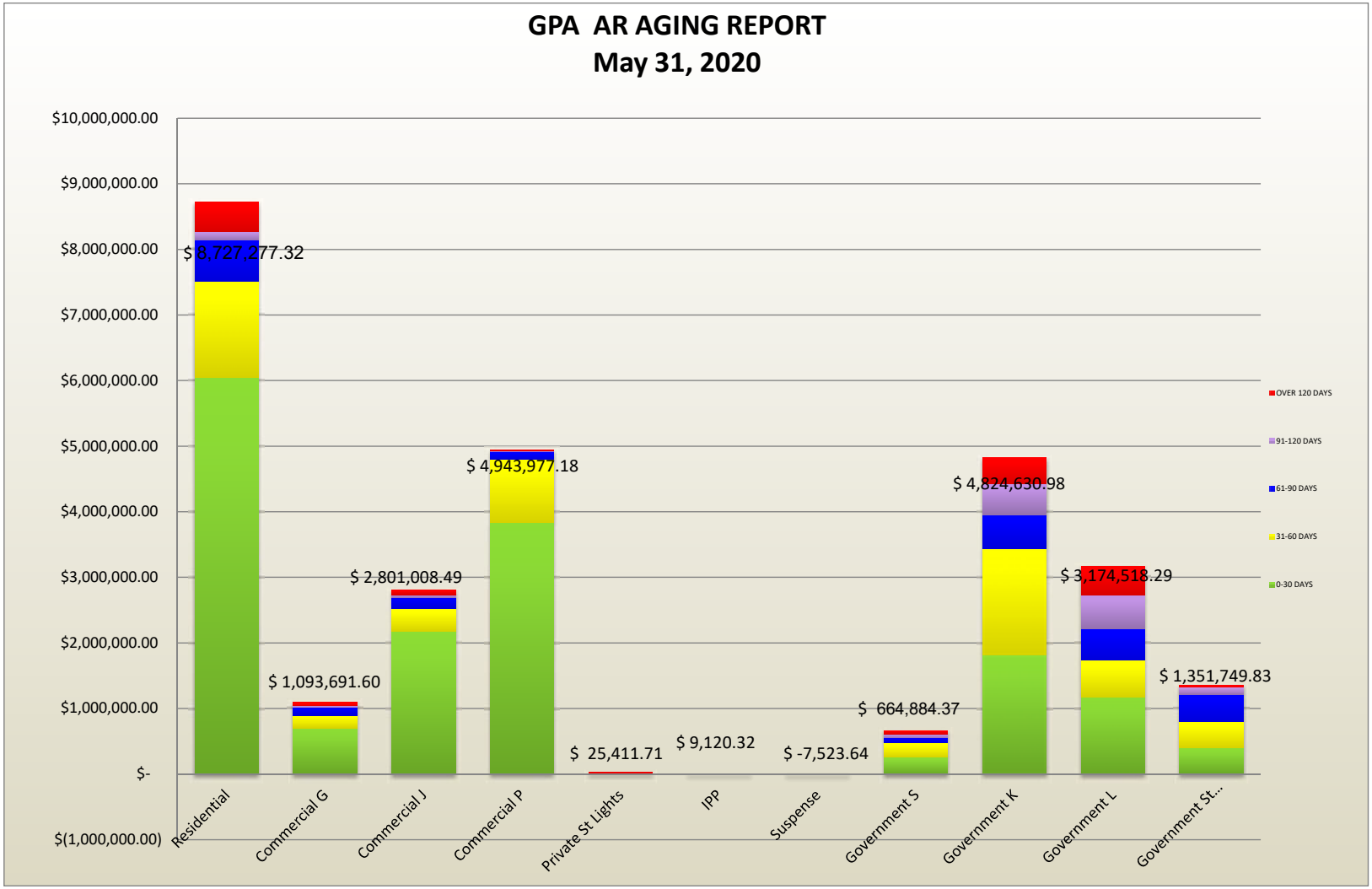

GPA - T and D Losses (MWH) Without Renewables and Aggreko
For the Last 5 Years thru 05.31.20 -Moving 12 Months
130,000
120,000
110,000
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
-
8.00%
7.00%
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
5.62%
5.67%
5.86%
6.04%
6.10%
80,852
83,949
84,855
88,398
88,560
FY 16
FY 17
FY 18
FY 19
FY 20
T and D Losses (MWH)
T and D Losses (% to Net Generation)


GPA - Station Usage(MWH) With Renewables
For the Last 5 Years Thru 05.31.20
-Moving 12 Months
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
3.77%
3.74%
3.65%
3.87%
3.87%
64,952
65,895
62,716
66,890
65,918
FY 16
FY 17
FY 18
FY 19
FY 20
Station Use (MWH)
% to Gross Generation


GPA - Station Usage(MWH) Without Renewables and Aggreko
For the Last 5 Years Thru 05.31.20-Moving 12 Months
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
4.32%
4.26%
4.15%
4.37%
4.34%
64,952
65,895
62,716
66,890
65,918
FY 16
FY 17
FY 18
FY 19
FY 20
Station Use (MWH)
% to Gross Generation

ACCOUNTS RECEIVABLE BY RATE - ACTIVE
AR AGING REPORT
AS OF May 31, 2020

GL ACCOUNT	RATE	TOTAL DUE	0-30 DAYS	31-60 DAYS	61-90 DAYS	91-120 DAYS	OVER 120 DAYS
1000.142000.10	Residential	$ 8,498,355.78	6,029,381.12	1,468,714.12	615,805.43	126,056.63	258,398.48
1000.142000.11	Residential	$ 229,277.32	13,037.22	-	16,453.14	7,484.03	192,302.93
1000.142000.12	Commercial G	$ 1,093,691.60	700,578.87	194,144.12	120,215.44	29,408.62	49,344.55
1000.142000.13	Commercial J	$ 2,801,008.49	2,172,846.39	353,665.02	169,624.31	38,030.50	66,842.27
1000.142000.14	Commercial P	$ 4,943,977.18	3,831,374.26	963,923.09	115,200.60	22,886.73	10,592.50
1000.142000.15	Private St Lights	$ 25,411.71	14,906.42	3,726.02	1,034.77	512.70	5,231.80
1000.142000.16	IPP	$ 9,120.32	3,566.53				5,553.79
1000.142000.98	Suspense	$ (7,523.64)	(7,523.64)				
	TOTAL PRIVATE	**$ 17,593,318.76**	**$ 12,758,167.17**	**$ 2,984,172.37**	**$ 1,038,333.69**	**$ 224,379.21**	**$ 588,266.32**
1000.142000.19	Government S	$ 664,884.37	$ 257,204.15	$ 219,133.98	$ 75,972.00	$ 57,396.72	$ 55,177.52
1000.142000.20	Government K	$ 4,824,630.98	$ 1,816,805.06	$ 1,617,819.32	$ 521,511.95	$ 472,196.99	$ 396,297.66
1000.142000.21	Government L	$ 3,174,518.29	$ 1,171,195.63	$ 564,075.90	$ 474,473.40	$ 521,910.04	$ 442,863.32
1000.142000.22	Government St Lights	$ 1,351,749.83	$ 395,083.39	$ 407,145.64	$ 412,633.01	$ 113,559.31	$ 23,328.48
	TOTAL GOVERNMENT	**$ 10,015,783.47**	**$ 3,640,288.23**	**$ 2,808,174.84**	**$ 1,484,590.36**	**$ 1,165,063.06**	**$ 917,666.98**
	GRAND TOTAL	**$ 27,609,102.23**	**$ 16,398,455.40**	**$ 5,792,347.21**	**$ 2,522,924.05**	**$ 1,389,442.27**	**$ 1,505,933.30**


GPA AR AGING REPORT
May 31, 2020
$10,000,000.00
$9,000,000.00
$8,000,000.00
$7,000,000.00
$6,000,000.00
$5,000,000.00
$4,000,000.00
$3,000,000.00
$2,000,000.00
$1,000,000.00
$-
$(1,000,000.00)
$ 8,727,277.32
$ 1,093,691.60
$ 2,801,008.49
$ 4,943,977.18
$ 25,411.71
$ 9,120.32
$ -7,523.64
$ 664,884.37
$ 4,824,630.98
$ 3,174,518.29
$ 1,351,749.83
Residential
Commercial G
Commercial J
Commercial P
Private St Lights
IPP
Suspense
Government S
Government K
Government L
Government St...
OVER 120 DAYS
91-120 DAYS
61-90 DAYS
31-60 DAYS
0-30 DAYS

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
Billing up to May 31, 2020 and payments as of 06/15/2020

Current (05/20 Billing due 06/30/20
30 days Arrears (04/20 due 05/31/20)
60 days and over Arrears (03/20 billing due 04/15/20)

CC&B ACCT NUMBER	CC&B New Acct Numer	DEPARTMENT	CC&B BALANCE 04/30/2020	CANCEL/REBILL/ SPEC CHARGE 06/11/2020	BILLING 05/31/2020	PAYMENT UP TO 06/16/2020	CC&B BALANCE 06/11/2020
		Line Agencies					
023710000	1073430238	Dept. of Corrections	$ 148,169.04	$ -	$ 74,338.19	$ (75,713.86)	$ 146,793.37
043710000	0040515913	Dept. of Parks & Rec.	$ 42,726.09	$ -	$ 12,232.42	$ (17,449.09)	$ 37,509.42
053710000	0453170939	Guam Fire Department	$ 32,192.23	$ -	$ 16,419.13	$ (15,843.57)	$ 32,767.79
7E+09	8564647941	DOA Supply Mgmt (NET METERED)	$ 2,086.32	$ -	$ 1,144.94	$ (1,116.91)	$ 2,114.35
7.9E+09	4211873236	Dept. of Administration	$ 6,339.74	$ -	$ 3,208.69	$ (3,251.74)	$ 6,296.69
1.34E+09	4554808900	Nieves Flores Library	$ 15,835.33	$ -	$ 8,795.60	$ (7,697.77)	$ 16,933.16
2.21E+09	9541109130	General Services Agency	$ 502.52	$ -	$ 244.05	$ (254.40)	$ 492.17
2.24E+09	1621790133	DOA-Data Processing	$ 17,033.06	$ -	$ 8,589.31	$ (8,624.71)	$ 16,997.66
2.34E+09	1896187753	Dept. of PH&SS	$ 70,512.00	$ -	$ 37,443.65	$ (36,247.14)	$ 71,708.51
3.24E+09	7252821074	Dept. of Education	$ 4,667,819.94	$ -	$ 750,439.89	$ (1,108,076.98)	$ 4,310,182.85
3.34E+09	0266069082	Guam Police Department	$ 92,816.96	$ -	$ 43,783.38	$ (47,821.65)	$ 88,778.69
3.57E+09	6069461950	Dept of Youth Affairs (Federal)	$ 481.26	$ -	$ 240.86	$ (360.48)	$ 361.64
4.44E+09	2913461537	Dept. of Youth Affair* (Local)	$ 22,964.68	$ -	$ 11,910.61	$ (11,566.64)	$ 23,308.65
4.74E+09	3404311949	Guam Environmental Protect	$ 17,742.62	$ -	$ 6,155.55	$ (12,435.51)	$ 11,462.66
5.44E+09	3227759982	Mental Health/Subst.	$ 81,254.63	$ -	$ 41,245.64	$ (42,017.88)	$ 80,482.39
	6841880463	Guam Behavioral Health & Wellness	$ 5,447.93	$ -	$ 2,018.02	$ (1,807.82)	$ 5,658.13
7.2E+09	0070861777	Veteran Affairs	$ 5,192.44	$ -	$ 1,833.45	$ (3,589.54)	$ 3,436.35
	6243861917	Guam Veterans Affairs Office	$ 0.00				$ 0.00
7.44E+09	8300435373	Civil Defense (Military Affairs)	$ 47,167.41	$ -	$ 10,749.55	$ -	$ 57,916.96
7.46E+09	7813165805	Pacific Energy Resource Center	$ 1,290.68	$ -	$ 193.98	$ (1,102.64)	$ 382.02
8.14E+09	1595188609	Dept. of Agriculture	$ 24,850.24	$ -	$ 8,017.98	$ (17,445.22)	$ 15,423.00
8.34E+09	2535590089	DPW-FAC Adm Account	$ 77,185.91	$ -	$ 27,164.53	$ (25,111.15)	$ 79,239.29
8.44E+09	7928924534	Guam Visitors Bureau	$ 6,826.48	$ -	$ 3,466.94	$ (10,293.42)	$ -
8.45E+09	7663706771	Yona Senior Citizen Center	$ 3,199.79	$ -	$ 604.21	$ (2,510.59)	$ 1,293.41
9.44E+09	4129948191	Dept of Chamorro Affairs/Chamorro Village	$ 8,097.78	$ -	$ 2,423.70	$ (2,959.39)	$ 7,562.09
	3558732700	Dept of Chamorro Affairs/Chamorro Village (NET METERED)	$ 422.55	$ -	$ 140.85	$ (140.85)	$ 422.55
5.25E+09	5247210000	Mayors Council	$ 45,178.04	$ -	$ 6,242.64	$ -	$ 51,420.68
6.29E+09	6293410000	Office of the Governor	$ 91,423.59	$ -	$ 21,595.02	$ (69,461.06)	$ 43,557.55
8.56E+09	8555858369	Dept of Chamorro Affairs (Guam Museum)	$ 58,143.84	$ -	$ 17,290.22	$ (20,799.72)	$ 54,634.34
	1099514147	Dept of Chamorro Affairs/Repository	$ 1,143.27	$ -	$ 325.99	$ (803.01)	$ 666.25
		Sub Total	**5,594,046.37**	**-**	**1,118,258.99**	**(1,544,502.74)**	**5,167,802.62**
		MAYORS					
063710000	3832327736	Santa Rita Mayor	$ 13,190.87	$ -	$ 2,788.36	$ (10,421.33)	$ 5,557.90
073710000	9351070242	Ordot/Chalan Pago Mayor	$ 3,589.26	$ -	$ 703.04	$ (2,983.19)	$ 1,309.11
1.54E+09	6393530237	Hagatna Mayor	$ 2,113.88	$ -	$ 577.87	$ (1,622.77)	$ 1,068.98
1.64E+09	3293988984	Piti Mayor	$ 4,718.22	$ 50.00	$ 1,017.42	$ (3,805.11)	$ 1,980.53
1.74E+09	8715052935	Mongmong/Toto/Maite Mayor	$ 5,519.86	$ -	$ 1,338.54	$ (4,413.76)	$ 2,444.64
2.64E+09	0492244686	Asan/Maina/Adelup Mayor	$ 3,022.55	$ -	$ 1,075.51	$ (2,195.84)	$ 1,902.22
2.74E+09	8433959204	Sinajana Mayor	$ 12,171.57	$ -	$ 2,250.00	$ (9,988.87)	$ 4,432.70
3.64E+09	8041715847	Dededo Mayor	$ 22,335.23	$ -	$ 5,210.73	$ (17,852.68)	$ 9,693.28
4.64E+09	7037924246	Yigo Mayor	$ 14,326.67	$ -	$ 2,789.47	$ (11,771.39)	$ 5,344.75
5.64E+09	7202265287	Umatac Mayor	$ 4,669.18	$ -	$ 1,066.11	$ (3,633.23)	$ 2,102.06
6.54E+09	8472200165	Agana Hts. Mayor	$ 16,126.99	$ -	$ 2,957.31	$ (13,458.76)	$ 5,625.54
6.64E+09	4469579998	Merizo Mayor	$ 3,848.46	$ -	$ 668.83	$ (3,211.95)	$ 1,305.34
6.74E+09	5763167341	Barrigada Mayors Office	$ 9,493.19	$ -	$ 1,897.92	$ (7,871.35)	$ 3,519.76
7.54E+09	7247791682	Agat Mayor	$ 10,014.87	$ -	$ 2,120.79	$ (8,009.38)	$ 4,126.28
7.64E+09	6078244037	Inarajan Mayor	$ 9,693.64	$ -	$ 2,333.93	$ (7,401.63)	$ 4,625.94
8.54E+09	6957205325	Tamuning Mayor	$ 22,294.25	$ -	$ 5,005.18	$ (17,330.31)	$ 9,969.12
8.64E+09	1880297633	Talofofo Mayor	$ 7,617.61	$ -	$ 1,854.24	$ (5,881.55)	$ 3,590.30
9.54E+09	3631627996	Mangilao Mayor	$ 16,048.44	$ -	$ 3,522.75	$ (12,439.95)	$ 7,131.24
9.64E+09	1837525565	Yona Mayor	$ 5,125.96	$ -	$ 871.63	$ (4,167.62)	$ 1,829.97
		Sub Total	**$ 185,920.70**	**$ 50.00**	**$ 40,049.63**	**$ (148,460.67)**	**$ 77,559.66**
		DPW ACCOUNTS					
4.34E+09	3045433600	DPW-Village St. Lights	$ 1,323,984.88	$ -	$ 309,751.85	$ (648,138.14)	$ 985,598.59
5.34E+09	0930959866	DPW- Primary St. Lights	$ 390,765.29	$ 100.00	$ 68,348.83	$ (146,267.03)	$ 312,947.09
6.34E+09	3088040552	DPW-Sec/Coll St. Lights	$ 84,232.45	$ -	$ 18,861.79	$ (38,936.93)	$ 64,157.31
7.34E+09	0832698062	DPW-Signal Lights	$ 28,982.33	$ -	$ 8,696.88	$ (10,047.50)	$ 27,631.71
		Sub Total	**$ 1,827,964.95**	**$ 100.00**	**$ 405,659.35**	**$ (843,389.60)**	**$ 1,390,334.70**
		(B) AUTONOMOUS/PUBLIC CORP					
1.44E+09	1540692986	Retirement Fund	$ 11,496.65	$ -	$ 5,613.31	$ (6,049.61)	$ 11,060.35
1.92E+09	0563872892	Guam Housing Corp Rental Division	$ 1,605.76	$ -	$ 933.41	$ (1,605.76)	$ 933.41
2.44E+09	5434075703	University of Guam	$ 301,699.69	$ -	$ 144,902.32	$ (301,699.69)	$ 144,902.32
4.24E+09	7736362694	Guam Airport Authority	$ 299,665.69	$ -	$ 330,615.99	$ (303,074.45)	$ 327,207.23
5.36E+09	5357510000	University of Guam (NET METERED)	$ 131,262.31	$ -	$ 59,180.14	$ (131,262.31)	$ 59,180.14
6.24E+09	1699407298	G H U R A	$ 31,030.17	$ -	$ 22,804.88	$ (42,814.75)	$ 11,020.31
6.44E+09	6518220010	Guam Community College	$ 38,360.91	$ -	$ 37,774.09	$ (38,366.91)	$ 37,774.09
7.24E+09	8302337726	Guam Memorial Hospital	$ 63,534.26	$ -	$ 18,780.30	$ (63,801.84)	$ 18,512.72
8.43E+09	8426836906	Guam Memorial Hospital (NET METERED)	$ 251,814.35	$ -	$ 123,770.05	$ (252,767.76)	$ 122,816.64
9.14E+09	4474308144	Port Authority of Guam	$ 179,440.27	$ -	$ 77,609.09	$ (179,440.27)	$ 77,609.09
9.16E+09	9157510000	Guam Community College (NET METERED)	$ 25,458.47	$ -	$ 22,973.90	$ (25,458.47)	$ 22,973.90
9.17E+09	9173210000	Guam Solid Waste Authority	$ 10,704.59	$ -	$ 5,454.88	$ (10,704.59)	$ 5,454.88
9.34E+09	0838495949	Guam Waterworks Authority	$ 1,142,776.64	$ -	$ 1,100,543.71	$ (1,142,776.64)	$ 1,100,543.71
8.24E+09	4075914809	GPA	$ -	$ (78,173.88)	$ 78,173.88	$ -	$ -
	9699497595	GUAM POWER AUTHORITY - WAKE ST LT	$ 221.44	$ -	$ -	$ -	$ 221.44
		Sub Total	**$ 2,489,077.20**	**$ (78,173.88)**	**$ 2,029,129.96**	**$ (2,499,823.05)**	**$ 1,940,210.23**
		(C) OTHERS					
033710000	7541928173	Guam Legislature	$ 951.88	$ -	$ 302.44	$ (954.42)	$ 299.90
9.5E+09	9503154369	Guam Legislature (NET METERED)	$ 14,134.84	$ -	$ 6,934.34	$ (14,192.44)	$ 6,876.74
1.24E+09	8353274954	Superior Court of Guam	$ 43,568.13	$ -	$ 45,867.05	$ (43,568.13)	$ 45,867.05
2.54E+09	8108458168	Guam Post Office (Agana)	$ 4,646.55	$ -	$ 4,478.82	$ (4,646.55)	$ 4,478.82
2.57E+09	8972267005	Customs & Quarantine Agency	$ 2,344.73	$ -	$ 661.67	$ (1,744.36)	$ 1,262.04
3.54E+09	4530787043	U.S. Post Office	$ 32,405.51	$ -	$ 32,498.80	$ (64,904.31)	$ -
5.54E+09	8607446612	Dept. of Military Affairs	$ 131,342.76	$ -	$ 67,971.89	$ (131,847.97)	$ 67,466.68
3.21E+09	3209463043	Dept. of Military Affairs (NET METERED)	$ 31,387.50	$ -	$ 15,783.84	$ (31,500.07)	$ 15,671.27
5.74E+09	6000770566	KGTF	$ 25,190.24	$ -	$ 5,963.02	$ (19,356.72)	$ 11,796.54
7.28E+09	6602566745	Tamuning Post Office	$ 4,764.66	$ -	$ 4,766.57	$ (4,764.66)	$ 4,766.57
		Sub Total	**$ 290,736.80**	**$ -**	**$ 185,228.44**	**$ (317,479.63)**	**$ 158,485.61**
		GRAND TOTAL	**$ 10,387,746.02**	**$ (78,023.88)**	**$ 3,778,326.37**	**$ (5,353,655.69)**	**$ 8,734,392.82**

AGING

Sum of 0-30 Days	Sum of 31-60 Days	Sum of 61-90 Days	Sum of 91-120 Days	Sum of >120 Days	Total
$ 74,338.19	$ 72,455.18	$ -	$ -	$ 0.00	$ 146,793.37
$ 12,001.00	$ 11,319.39	$ 14,089.24	$ 99.79	$ 0.00	$ 37,509.42
$ 16,419.13	$ 16,348.66	$ -	$ -	$ 0.00	$ 32,767.79
$ 1,131.62	$ 982.73	$ -	$ -	$ -	$ 2,114.35
$ 3,163.42	$ 3,133.27	$ -	$ -	$ -	$ 6,296.69
$ 7,147.10	$ 7,685.00	$ 2,101.06	$ -	$ -	$ 16,933.16
$ 240.12	$ 252.05	$ -	$ -	$ -	$ 492.17
$ 8,589.31	$ 8,408.35	$ -	$ -	$ -	$ 16,997.66
$ 37,443.65	$ 34,264.86	$ -	$ -	$ 0.00	$ 71,708.51
$ 750,439.89	$ 757,591.18	$ 925,363.76	$ 1,025,309.76	$ 851,478.26	$ 4,310,182.85
$ 43,436.58	$ 45,342.11	$ -	$ -	$ -	$ 88,778.69
$ 240.86	$ 120.78	$ -	$ -	$ -	$ 361.64
$ 11,910.61	$ 11,398.04	$ -	$ -	$ -	$ 23,308.65
$ 6,155.55	$ 5,307.11	$ -	$ -	$ -	$ 11,462.66
$ 41,245.64	$ 39,236.75	$ -	$ -	$ -	$ 80,482.39
$ 2,018.02	$ 1,884.26	$ 1,755.85	$ -	$ -	$ 5,658.13
$ 1,833.45	$ 1,602.90	$ -	$ -	$ -	$ 3,436.35
					$ -
$ 10,572.39	$ 11,480.45	$ 12,335.71	$ 11,052.75	$ 12,475.66	$ 57,916.96
$ 188.79	$ 193.23	$ -	$ -	$ -	$ 382.02
$ 7,951.00	$ 7,472.00	$ -	$ -	$ 0.00	$ 15,423.00
$ 26,957.91	$ 24,146.18	$ 25,713.48	$ 2,421.72	$ 0.00	$ 79,239.29
$ -	$ -	$ -	$ -	$ -	$ -
$ 592.33	$ 701.08	$ -	$ -	$ 0.00	$ 1,293.41
$ 2,401.52	$ 2,326.98	$ 2,833.59	$ -	$ 0.00	$ 7,562.09
$ 139.79	$ 140.85	$ 141.91	$ -	$ -	$ 422.55
$ 6,047.23	$ 6,283.64	$ 6,517.75	$ 6,127.74	$ 26,444.32	$ 51,420.68
$ 21,246.47	$ 22,131.14	$ 179.94	$ -	$ -	$ 43,557.55
$ 17,134.22	$ 17,579.76	$ 19,920.36	$ -	$ -	$ 54,634.34
$ 322.78	$ 343.47	$ -	$ -	$ -	$ 666.25
$ 1,111,308.57	**$ 1,110,131.40**	**$ 1,010,952.65**	**$ 1,045,011.76**	**$ 890,398.24**	**$ 5,167,802.62**
$ 2,735.42	$ 2,780.43	$ 42.05	$ -	$ -	$ 5,557.90
$ 687.95	$ 607.18	$ 13.98	$ -	$ -	$ 1,309.11
$ 569.45	$ 499.53	$ -	$ -	$ -	$ 1,068.98
$ 1,047.73	$ 919.21	$ 13.99	$ -	$ -	$ 1,980.53
$ 1,315.88	$ 1,107.72	$ 21.04	$ -	$ -	$ 2,444.64
$ 1,065.09	$ 826.93	$ 10.20	$ -	$ -	$ 1,902.22
$ 2,198.78	$ 2,204.66	$ 29.26	$ -	$ -	$ 4,432.70
$ 5,117.56	$ 4,497.14	$ 78.58	$ -	$ -	$ 9,693.28
$ 2,728.02	$ 2,568.37	$ 48.36	$ -	$ -	$ 5,344.75
$ 1,048.18	$ 1,036.55	$ 17.33	$ -	$ -	$ 2,102.06
$ 2,888.61	$ 2,669.68	$ 67.25	$ -	$ -	$ 5,625.54
$ 651.85	$ 640.61	$ 12.88	$ -	$ -	$ 1,305.34
$ 1,856.05	$ 1,663.67	$ -	$ -	$ -	$ 3,519.76
$ 1,945.90	$ 2,048.76	$ 131.62	$ -	$ -	$ 4,126.28
$ 2,297.95	$ 2,327.99	$ -	$ -	$ -	$ 4,625.94
$ 4,917.94	$ 4,976.33	$ 74.85	$ -	$ -	$ 9,969.12
$ 1,824.88	$ 1,765.42	$ -	$ -	$ 0.00	$ 3,590.30
$ 3,458.80	$ 3,611.43	$ 61.01	$ -	$ -	$ 7,131.24
$ 850.37	$ 965.84	$ 13.76	$ -	$ -	$ 1,829.97
$ 39,206.45	**$ 37,717.45**	**$ 635.76**	**$ -**	**$ 0.00**	$ 77,559.66
$ 304,595.47	$ 319,599.36	$ 323,343.23	$ 38,060.53	$ 0.00	$ 985,598.59
$ 66,478.28	$ 70,384.30	$ 74,152.81	$ 75,079.00	$ 26,852.70	$ 312,947.09
$ 18,520.69	$ 19,420.86	$ 19,863.15	$ 6,158.01	$ 194.60	$ 64,157.31
$ 8,621.55	$ 9,115.61	$ 9,842.49	$ 52.06	$ 0.00	$ 27,631.71
$ 398,215.99	$ 418,520.13	$ 427,201.68	$ 119,349.60	$ 27,047.30	$ 1,390,334.70
$ 5,566.69	$ 5,470.49	$ 23.17	$ -	$ -	$ 11,060.35
$ 714.18	$ 219.23	$ -	$ -	$ -	$ 933.41
$ 144,902.32	$ -	$ -	$ -	$ -	$ 144,902.32
$ 327,207.23	$ -	$ -	$ -	$ -	$ 327,207.23
$ 59,180.14	$ -	$ -	$ -	$ -	$ 59,180.14
$ 11,020.31	$ -	$ -	$ -	$ -	$ 11,020.31
$ 37,774.09	$ -	$ -	$ -	$ -	$ 37,774.09
$ 18,512.72	$ -	$ -	$ -	$ -	$ 18,512.72
$ 122,816.64	$ -	$ -	$ -	$ -	$ 122,816.64
$ 76,972.22	$ 636.87	$ -	$ -	$ -	$ 77,609.09
$ 22,973.90	$ -	$ -	$ -	$ -	$ 22,973.90
$ 5,454.88	$ -	$ -	$ -	$ -	$ 5,454.88
$ 1,100,543.71	$ -	$ -	$ -	$ -	$ 1,100,543.71
$ -	$ -	$ -	$ -	$ -	$ -
$ -	$ -	$ -	$ -	$ 221.44	$ 221.44
$ 1,933,639.03	$ 6,326.59	$ 23.17	$ -	$ 221.44	$ 1,940,210.23
$ 299.90	$ -	$ -	$ -	$ -	$ 299.90
$ 6,876.74	$ -	$ -	$ -	$ -	$ 6,876.74
$ 45,867.05	$ -	$ -	$ -	$ -	$ 45,867.05
$ 4,478.82	$ -	$ -	$ -	$ -	$ 4,478.82
$ 653.22	$ 608.82	$ -	$ -	$ -	$ 1,262.04
$ -	$ -	$ -	$ -	$ -	$ -
$ 67,466.68	$ -	$ -	$ -	$ -	$ 67,466.68
$ 15,671.27	$ -	$ -	$ -	$ -	$ 15,671.27
$ 5,866.02	$ 5,897.23	$ 33.29	$ -	$ -	$ 11,796.54
$ 4,766.57	$ -	$ -	$ -	$ -	$ 4,766.57
$ 151,946.27	$ 6,506.05	$ 33.29	$ -	$ -	$ 158,485.61
$ 3,634,316.31	**$ 1,579,201.62**	**$ 1,438,846.55**	**$ 1,164,361.36**	**$ 917,666.98**	**$ 8,734,392.82**

GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

Resolution No. 2020-13

<u>Relative to Authorizing</u> the Award of a Performance Management Contract to for GPA's Cabras Units #1 and #2 Steam Turbine Power Plant to TAIWAN ELECTRICAL AND MECHANICAL ENGINEERING SERVICES ("TEMES, INC.")

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

GPA's current PMC contract expires on September 30, 2020 and no options for extension are available. GPA's new Ukudu power plant and new renewable energy contracts are not expected to be online until about calendar year 2023. Therefore, GPA would need to continue operating and maintaining the Cabras Power Plant until the new power plant is commissioned.

The term of the new contract is to start in October 2020, for a base period of three years, with options to extend for two (2) additional 1-year extensions. The last year of the contract will be designated as the commencement of de-activation and/or decommissioning planning and activities.

Where is at?

Cabras Units #1 and #2 Steam Turbine Power plant

How much will it Cost?

Contract Year	Annual Management Fee	O&M Budget
1	$ 1,915,037.00	$ 1,350,000.00
2	$ 1,972,488.00	$ 1,350,000.00
3	$ 2,031,663.00	$ 1,350,000.00
TOTAL	$ 5,919,188.00	$ 4,050,000.00
Base Period Total Cost		**$ 9,969,188.00**

Extension Year Option	Annual Management Fee	O&M Budget
1	$ 2,092,613.00	$ 1,350,000.00
2	$ 2,155,391.00	$ 1,350,000.00
TOTAL	$ 4,248,004.00	$ 2,700,000.00
Extension Period Cost		**$ 6,948,004.00**

Base + Extension Periods	**$ 16,917,192.00**

These exclude Inventory Cost (currently approximately $120,000 annually), Cost for Critical Repairs, CIPs and Cost for De-activation and De-commissioning activities, which shall be budgeted by GPA separate from the PMC Annual Management Fee and O&M budget.

What is its funding Source?
Revenue Funds (O&M)

When will it be completed?
The anticipated schedule is as follows:

Contract Commencement:	October 1, 2020
Contract Base Period End:	September 30, 2023
Optional Extension Year 1:	Oct 2023 – Sept 2024
Optional Extension Year 2:	Oct 2024 – Sept 2025

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

GPA RESOLUTION NO. 2020-13

RELATIVE TO AUTHORIZING THE AWARD OF A PERFORMANCE MANAGEMENT CONTRACT FOR GPA'S CABRAS UNITS #1 AND #2 STEAM TURBINE POWER PLANT TO TAIWAN ELECTRICAL AND MECHANICAL ENGINEERING SERVICES (TEMES, INC.)

WHEREAS, the Guam Power Authority (GPA) had a five-year Performance Management Contract (PMC) for the Management, Operation and Maintenance of the Cabras 1&2 Steam Turbine Power Plant awarded to TEMES, that commenced in October 2010; and

WHEREAS, the PMC awarded to TEMES expired on Sept. 30, 2015 through Resolution 2015-35 and was approved for extension up to December 31, 2015; and

WHEREAS, the PMC was subsequently approved for another extension through December 30, 2016 through Resolution 2015-62A; and

WHEREAS, through CCU Resolution 2016-62, the Authority was approved to extend the Cabras 1&2 PMC Contract for another three years and nine months, up to September 30, 2020; including an optional extension year up to 2021; and

WHEREAS, through PUC Docket 17-09, the Authority was approved to extend the Cabras 1&2 PMC Contract for only another three years and nine months, up to September 30, 2020; 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 at the end of 2022, if not delayed; and

WHEREAS, in order to ensure adequate capacity to meet the Megawatt demands of the island, the Cabras 1&2 Steam Turbine Power Plant must continue to be operated and maintained until the new power plant is commissioned; and

WHEREAS, GPA issued a multi-step bid (IFB GPA-035-20) for a new Performance Management Contract for the continued Management, Operation and Maintenance of the Cabras 1&2 Steam Turbine Power Plant, and also to plan for and conduct activities related to the power plant's de-activation and/or decommissioning; and

WHEREAS, Taiwan Electrical and Mechanical Engineering Services (TEMES, INC.) was the sole qualified and responsive bidder; and

WHEREAS, the total cost for the 3-year Base Period of the Contract Period, which is the sum of Annual Management Fees proposed by TEMES, INC. and O&M Budget provided by GPA is $9,969,188.00 excluding costs for inventory, critical repairs, CIPs and deactivation/decommissioning activities is reasonable.

NOW, BE IT THEREFORE RESOLVED, by the Consolidated Commission on Utilities as the governing body of GPA & GWA, and subject to the review and approval of the Public Utilities Commission, does hereby approve the following:

1. GPA's request to award a Performance Management Contract for GPA's Cabras Units #1 and #2 Steam Turbine Power Plant to TEMES, INC.
2. The award of $5,919,188.00 in Annual Management Fees, and $4,050,000.00 in O&M Budget, for a total of $9,969,188.00 total contract amount for the base period starting October 1, 2020 through September 30, 2023. These fees are excluding costs for inventory, critical repairs, CIPs, and deactivation/decommissioning activities.

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

DULY and REGULARLY ADOPTED and APPROVED THIS 23rd DAY OF JUNE, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

Attested by:

MICHAEL T. LIMTIACO
Secretary
Consolidated Commission on Utilities

I, Michael T. Limtiaco, Board Secretary of 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 by 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: _____

ATTACHMENT A

CCU RESOLUTION 2020-13

GPA-035-20 PRICE PROPOSAL

Contract Year	Annual Management Fee	O&M Budget
1	$ 1,915,037.00	$ 1,350,000.00
2	$ 1,972,488.00	$ 1,350,000.00
3	$ 2,031,663.00	$ 1,350,000.00
TOTAL	$ 5,919,188.00	$ 4,050,000.00
Base Period Total Cost		**$ 9,969,188.00**

Extension Year Option	Annual Management Fee	O&M Budget
1	$ 2,092,613.00	$ 1,350,000.00
2	$ 2,155,391.00	$ 1,350,000.00
TOTAL	$ 4,248,004.00	$ 2,700,000.00
Extension Period Cost		**$ 6,948,004.00**

Base + Extension Periods	**$ 16,917,192.00**

These exclude Inventory Cost (currently approximately $120,000 annually), Cost for Critical Repairs, CIPs and Cost for De-activation and De-commissioning activities, which shall be budgeted by GPA separate from the PMC Annual Management Fee and O&M budget.

NUMBER OF MULTI-STEP INVITATIONS ISSUED: 1

NUMBER OF MS-IFB RECEIVED: 1

PROCUREMENT DIVISION

GUAM POWER AUTHORITY

ABSTRACT OF MULTI-STEP-IFB 'PHASE II'

MULTI-STEP INVITATION NUMBER: MS GPA-035-20

OPENING DATE: 06/05/2020 OPENING TIME: 9:00 AM

DESCRIPTION OF SUPPLIES OR SERVICES: Performance Management Contract for the Cabras #1 & #2 Steam Power Plant

	LINE ITEM 1	LINE ITEM 2	LINE ITEM 3	LINE ITEM 4	LINE ITEM 5
DESCRIPTION	Contract 1 year	Contract 2 year	Contract 3 year	option year 1	option year 2
QTY.					
UNIT					
DELIVERY					
BIDDER	Bechtel Nuclear, Inc.				
BID					
UNIT COST	1,915,037.00	1,972,488.00	2,031,663.00	2,092,613.00	2,155,391.00
PART NUMBER					
CATALOG NUMBER					
MANUFACTURER					
DELIVERY					
TOTAL LUMP SUM					
	Base Contract	Option Year			
ALTERNATE					
UNIT COST	9,969,188.00	16,917,192.00			
PART NUMBER					
CATALOG NUMBER					
MANUFACTURER					
DELIVERY					
TOTAL LUMP SUM					

BIDDER

No.: [01] Vendor Name: Taiwan Electrical and Mechanical Engineering Services Inc (TEMES, Inc)

[ ] BID GUARANTEE:

[ ] Bid Bond #: _____ Amount: $_____

[ ] Certificate of Authority [ ] Power of Attorney

[ ] Standby Letter of Credit #_____ Amount $_____

[ ] Letter of Credit #_____ Amount $_____

[ ] Cashier's or Certified Check #_____ Amount $_____

[ ] Wire Transfer

[ ] Statement of Qualifications USB Submitted

[ ] Affidavits (Original Form)

[ ] Affidavits (Copy Form): Originals submitted with _____

[ ] Major Shareholders [ ] Non-Collusion [ ] No Gratuities or Kickbacks

[ ] Ethical Standards [ ] Wage Determination [ ] Restriction Against Sex Offendors

[ ] Business License [ ] Contractors License

[ ] Local Procurement Signed and Submitted

[ ] Literature

I hereby certify that all bids received in response to this invitation were opened under my personal supervision, and that the names of all bidders have been entered herein.

SIGNATURE

TABULATED BY: _____ DATE: 6/5/2020

Item Not Listed

[ ] Lowest Responsive Bidder
[ ] Tie Bid
[ ] Only Bid
[ ] Other Than Lowest Responsive Bidder

PAGE 1 OF 1

GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

Resolution No. 2020-14

Relative to Authorizing the Guam Power Authority to Retire Piti #8 and #9 Slow-speed Diesel Units and to Procure 60-MW Installed Capacity from Renewable Energy

What is the project's objective and is it necessary and urgent?
As part of the requirements for GPA's Consent Decree and GEPA's State Implementation Plan, GPA is required to contract for conversion of the units to burn ultra-low sulfur diesel (ULSD) by July 1, 2020 and full conversion to ULSD-firing by December 31, 2021. GPA will be subject to further penalties unless the units are converted to ULSD. However, initial cost from contractor's proposal show that the conversion will cost about $20,645,925 in capital expenses and an additional $2,506,744 in annual O&M costs. With the award of a new 198-MW power plant and 120-MW Solar PV Energy, GPA anticipates that the Piti 8&9 units will be operating as peak load or back-up units instead of baseload units, with a capacity factor of less than 15%. With the anticipated award of a 40-MW Contract for Renewable Energy with Peak-shaving Energy Storage Systems at Department of Defense Properties (GPA's Phase III Renewable Resource Acquisition), as well as plans for acquisition of another Independent Power Producer contract for Renewable Energy with Peak-shaving Energy Storage Systems (Phase IV Renewable Resource Acquisition), GPA has decided that it is more prudent to retire the Piti 8&9 units.

Where is at?
Piti #8 and #9 Slow Speed Diesel Units

How much will it Cost:
GPA has not commenced discussion of the scope of work and estimated costs for deactivation or retirement of Piti #8 and #9 with MEC. This information will be determined later.

What is its funding Source?
O&M Funds (Revenue)

When will it be completed?
Retirement of Piti #8 and #9 will be scheduled after the New Power Plant at Ukudu has commenced operation.

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

GPA RESOLUTION NO. 2020-14

RELATIVE TO AUTHORIZING THE GUAM POWER AUTHORITY TO RETIRE PITI #8 AND #9 SLOW-SPEED DIESEL UNITS AND TO PROCURE 60-MW INSTALLED CAPACITY FROM RENEWABLE ENERGY

WHEREAS, Piti #8 and #9 Slow Speed Diesel Units provide up to 88-MW Capacity of the island-wide power system and are crucial in ensuring that GPA is able to provide the required energy for the island between now and the commissioning of the new 198-MW Ukudu Power Plant; and

WHEREAS, ownership of the Piti 8 & 9 units transferred from Marianas Energy Company (MEC) to Guam Power Authority (GPA) on January 29, 2019 and the Guam Power Authority (GPA) extended the Energy Conversion Agreement with MEC until January 29, 2024 upon receiving CCU and PUC approvals, in order to ensure the units' availability and reliability; and

WHEREAS, the units are subject to Consent Decree and State Implementation Plan requirements to ensure compliance with USEPA requirements such as RICE MACT and upcoming requirements such as updated National Ambient Air Quality Standards; and

WHEREAS, the requirements include having a contract for the conversion of the units to burning ultra-low sulfur diesel (ULSD) by July 1, 2020 and full conversion to ULSD-firing by December 31, 2021; and

WHEREAS, GPA received a proposal from MEC and its subcontractor BWSC for the conversion of the units, with an estimated cost of $20,645,925 for the upgrades excluding the fuel supply system which is separately funded and handled by GPA; and

WHEREAS, GPA awarded a new IPP Contract for a 198-MW Power Plant, and Phase II Renewable Resource Contracts for a total of 120-MW Solar PV Energy; and

WHEREAS, GPA anticipates capacity factor of the Piti #8 and #9 to be below 15 % after the new power plant and new renewable energy contracts commence operation in 2022; and

WHEREAS, GPA anticipates award of an additional 40-MW of renewable energy with energy storage systems through GPA's Phase III Renewable Resource Acquisition and has plans

for acquiring additional renewable resource with energy storage systems under a Phase IV program; and

WHEREAS, it will therefore be prudent to plan and schedule the retirement of Piti #8 and #9 Units after the New Power Plant at Ukudu has commenced operation.

WHEREAS, it will also be prudent to execute 60-MW of the Phase IV Renewable Acquisition Bid immediately so as to begin its operations soon after the New Power Plant at Ukudu has commenced operation. A solar PV + Energy-shifting ESS is the preferred technology for this Bid.

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

1. GPA is approved to plan for the retirement of Piti #8 and #9 Slow Speed Diesel Units after the New Power Plant at Ukudu has commenced commercial operation.
2. GPA is authorized to request USEPA to modify the consent decree to address retirement of Piti 8 & 9 upon completion of the new 198-MW Ukudu power plant, in lieu of conversion of units to ULSD by December 31, 2021.
3. GPA is approved to execute a Phase IV Renewable Acquisition for 60-MW of Solar-PV + Energy-shifting ESS.

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

DULY AND REGULARLY ADOPTED AND APPROVED THIS 23RD DAY OF JUNE, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

Attested by:

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: _____

GUAM WATERWORKS AUTHORITY

Management Report
GPWA CCU Board Meeting, June 23, 2020



Management Update

- **Series 2020A Bonds – Transaction Summary**
  - Par Amount: $134,000,000
  - Final Maturity: January 1, 2050
  - Ratings:
    - Standard & Poors: A- (Stable)
    - Moody's: Baa2 (Negative Outlook)
  - Construction Fund Deposit: $123,590,268.95
  - Cost of Issuance: 1.48% of Par
  - Sale Date: May 28, 2020
  - Closing Date: June 4, 2020
- Market Conditions
  - COVID-19 pandemic closed the municipal bond market for several weeks
  - April saw signs of market stabilization, but all issuances were "AA" rated credits or higher
  - Limited new issue supply in credits rated below the "A" category, but Citi worked with GWA/GEDA/BBMR to pursue pricing at end of May
- Pricing Results
  - Early EMMA announcement allowed pre-POS marketing coordination
  - Extensive marketing: roadshow presentation, 14 one-on-one investor calls after POS posted
  - Strong demand during pricing with $2.9 Billion in orders, 22x oversubscribed
  - Final rates lowered nearly 100 basis points from most recent secondary market trade
  - 4.0% Yield to the 10-year call date
  - All-in TIC of 4.59% was second lowest TIC ever for GWA new money issuance
- Highlights
  - Nearly 70 investors placed $2.9B in orders, including several for full $134M in par
  - 85% success rate on marketing efforts with 12 of 14 investors placing orders
  - $15M additional deposit to Construction Fund over initial estimates

As a result of the financing team's significant investor outreach efforts, GWA was abl
to lower rates by 40 basis points and add nearly $10 million to the construction fund

citi

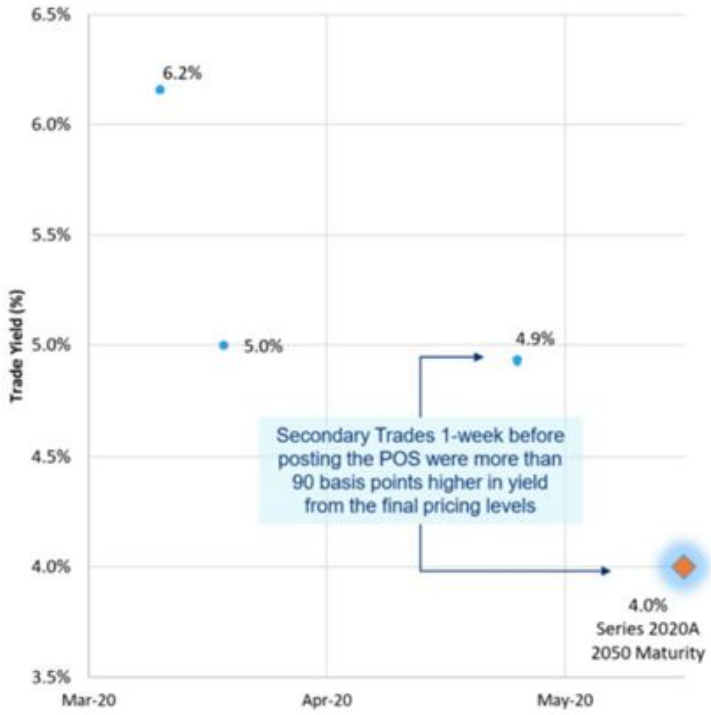
All-in TIC (%)



Deposit to Construction Fund ($ mil)



GWA Secondary Market Trading[1] vs. Primary Market Pricing



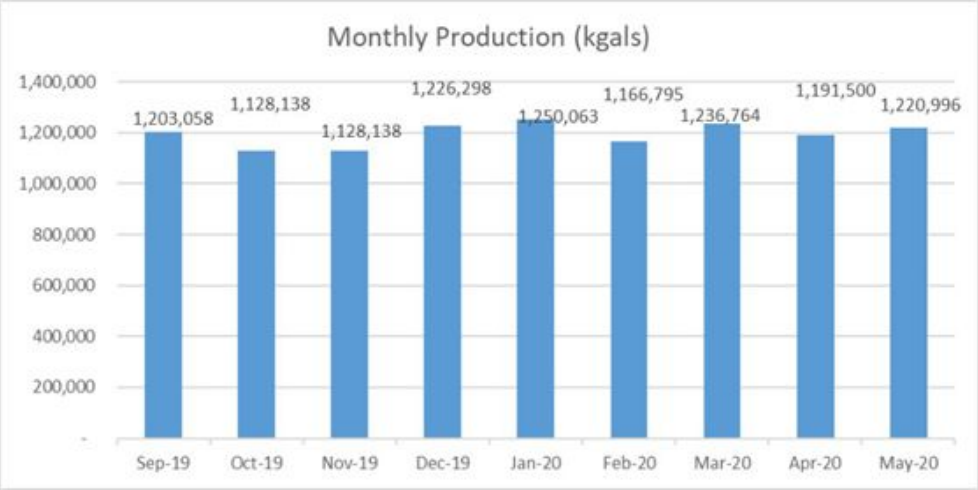
[1] Source: EMMA. Trades >$1 million. Secondary trades are GWA Series 2016 Bonds, 5.0% 2046 maturity, callable 7/1/26

Operations Update

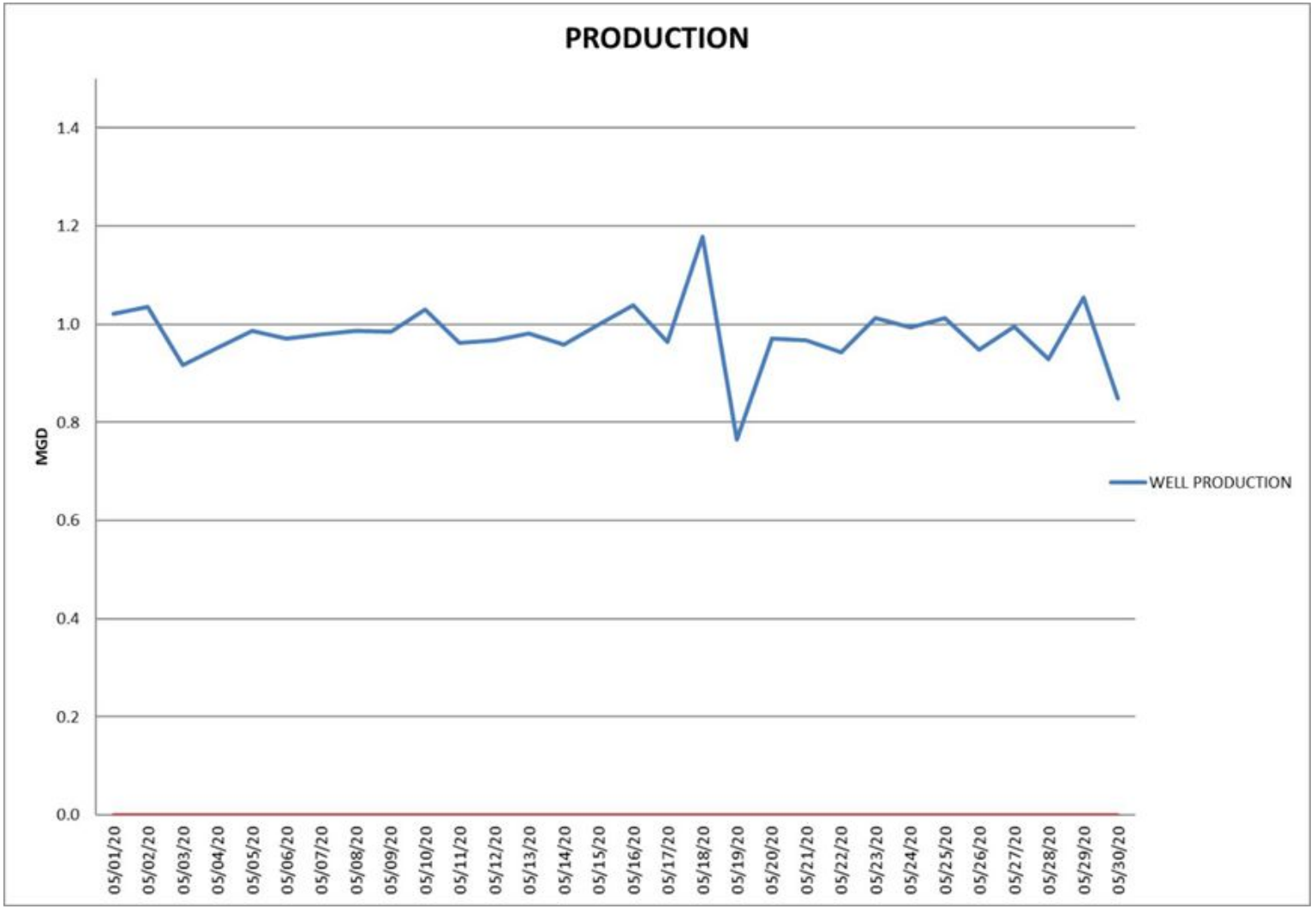
Production (May 2020)

Monthly Production Summary - May 2020					
Deep Wells				36.0	MGD
	Active wells =	94	of 120		
	Avg days in operation =	31	days		
	Total Production =	1,115,880	Kgals		
Springs				0.18	MGD
	Avg days in operation =	31	days		
	Total Production =	5498	Kgals		
Ugum Surface Water Plant				2.2	MGD
	Avg days in operation =	31	days		
	Total Production =	69,360	Kgals		
Tumon Maui Well				0.98	MGD
	Avg days in operation =	31	days		
	Total Production =	30,258	Kgals		
		1,220,996	Kgals	39.4	MGD

DW Status as of 5/31/2020		
Active	94	
Grounded motor or Pump Failure	6	A26-D03-F06-F15-Y04-Y07
Out of commission	8	A02-A07-A28-D05-D13-M14-MJ01-MJ05
Temporarily Secured	3	A23-A25-D25
Standby	9	A10-A12-A29-D01-F10-F16-F20-M12-M17A
TOTAL	120	

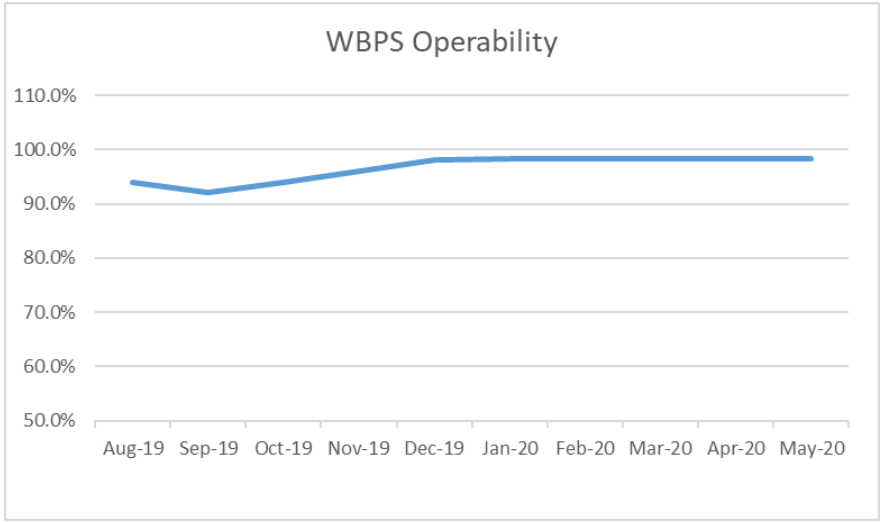


Tumon Maui Well Production (May 2020)

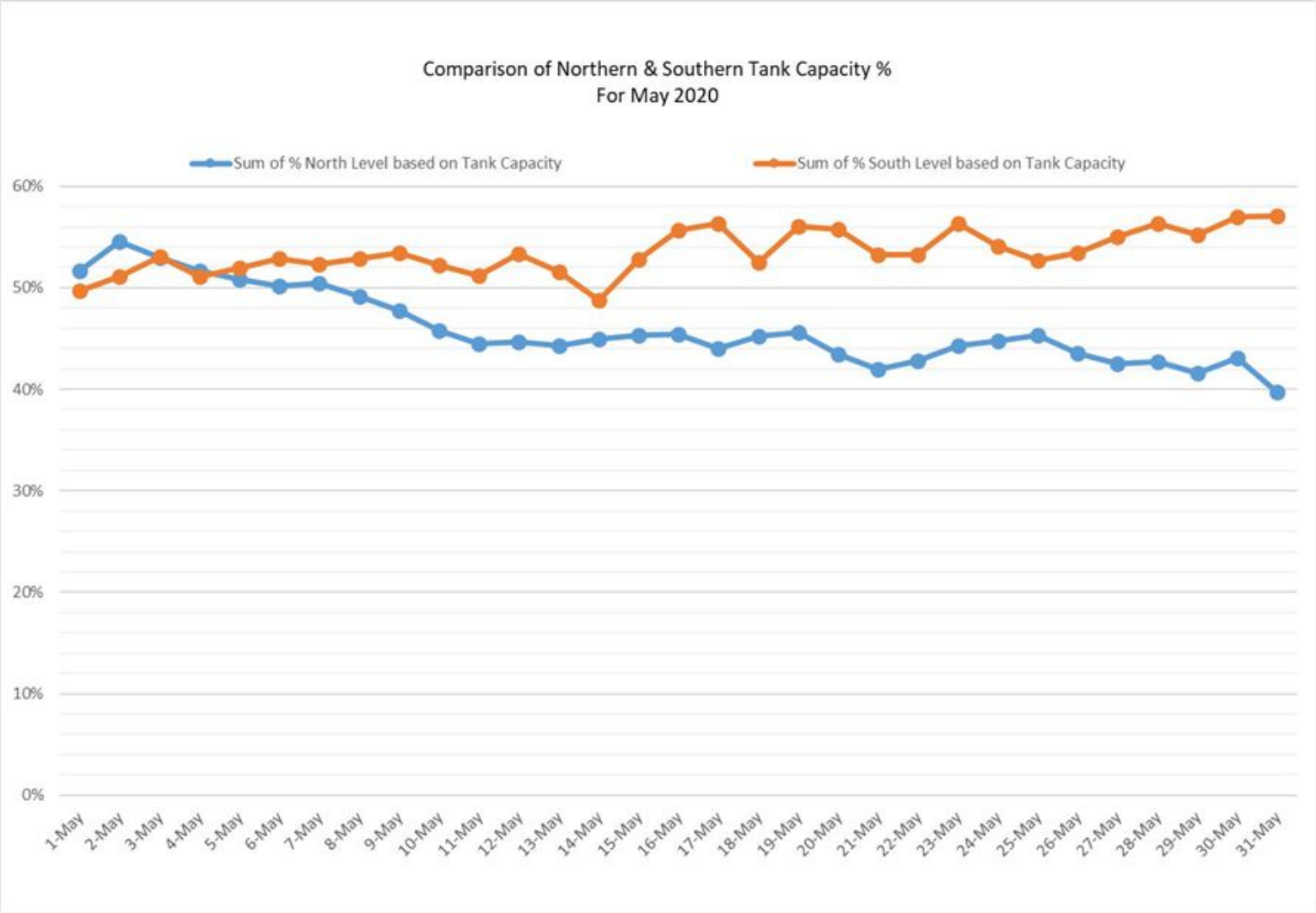


Distribution (May 2020)

Monthly Distribution Summary - May 2020					
Water Booster Pump Stations					
	District	No. of Stations	Total Pumps	Pumps Operating	% Operational
	Northern	13	26	25	96.2%
	Central	7	15	15	100.0%
	Southern	7	15	15	100.0%
		27	56	55	98.2%



Distribution – Tank Levels (May 2020)



Wastewater Collections (May 2020)

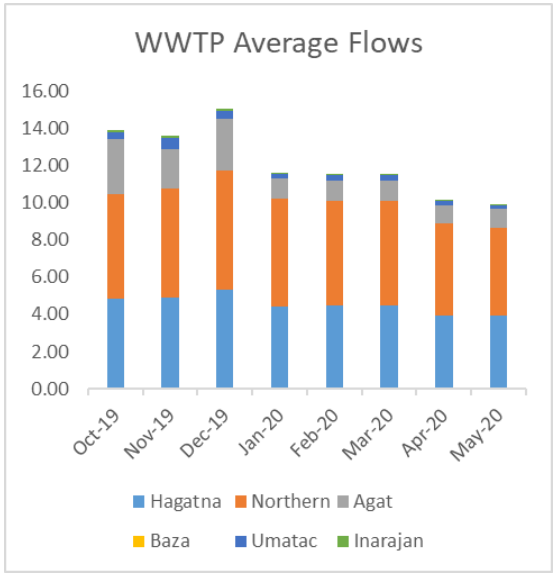
Monthly Collections Summary - May 2020					
Wastewater Pump Stations					
	District	No. of Stations	Total Pumps	Pumps Operating	% Operational
	Northern	22	52	46	88.5%
	Central	29	63	55	87.3%
	Southern	26	56	52	92.9%
		77	171	153	89.5%



CCTV work is on hold as part of COVID-19 cost containment at this time.

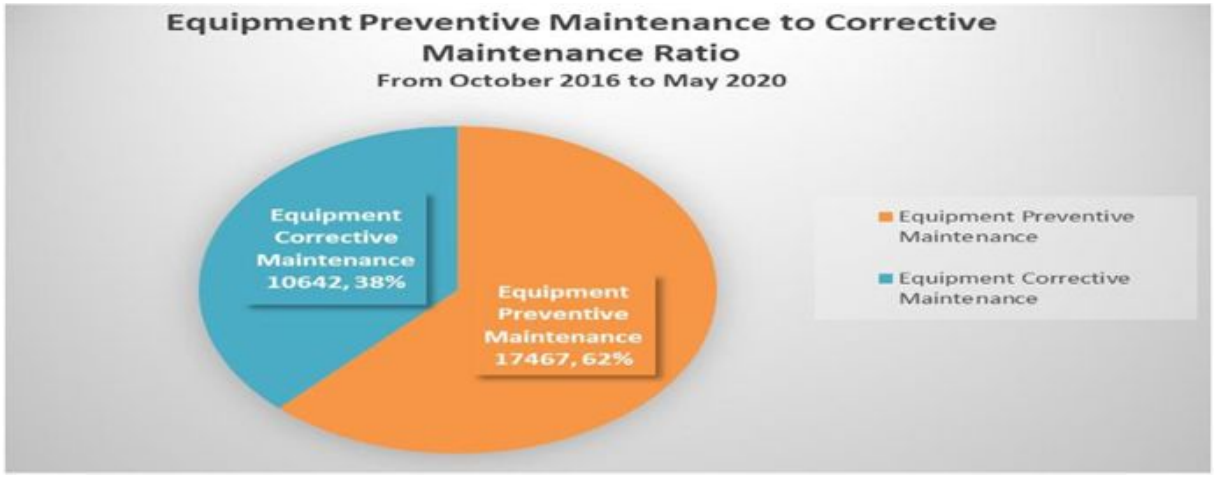
Wastewater Treatment (May 2020)

Monthly Wastewater Treatment Summary - May 2020				
WW Treatment Plants - Flows				
	Facility	**Avg. Daily Flows**	**Sludge (lbs)**	**Sludge Disp. ($)**
	Hagatna	3.94	332,840	$ 29,956
	Northern	4.68	1,097,280	$ 98,755
	Agat	1.05	61,580	$ 8,825
	Baza	0		
	Umatac	0.20		
	Inarajan	0.06		
		9.93	1,491,700	$ 137,536

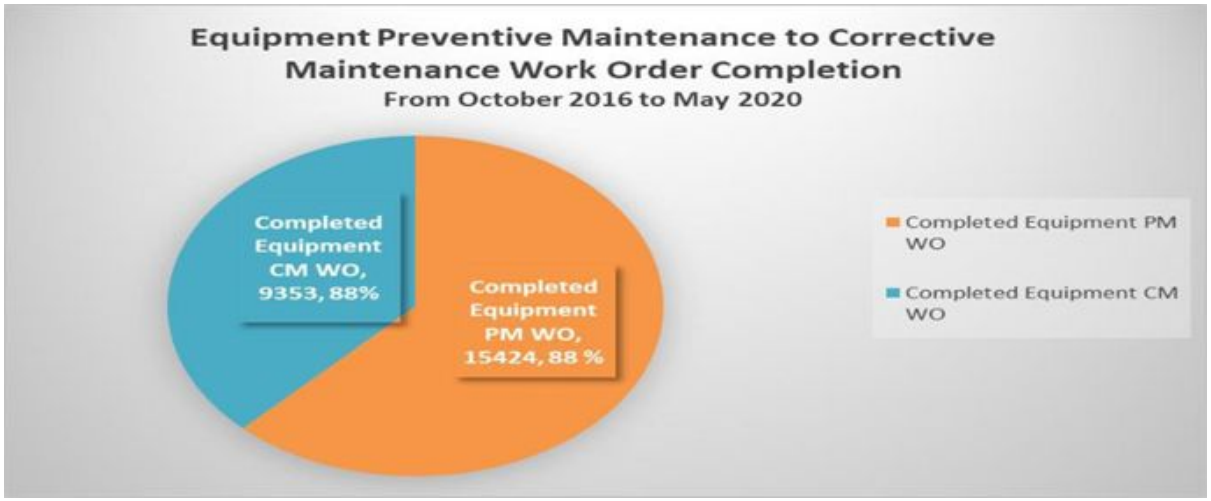


Asset Management (May 2020)

I. Equipment Preventive Maintenance to Corrective Maintenance ***Ratio***

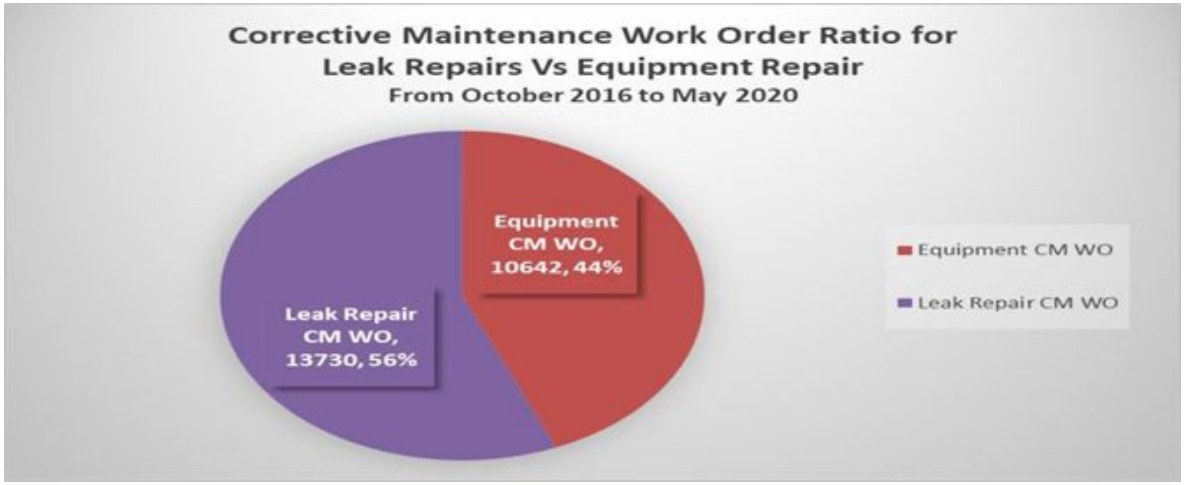


II. Equipment Preventive Maintenance to Corrective Maintenance ***Work Order Completion***

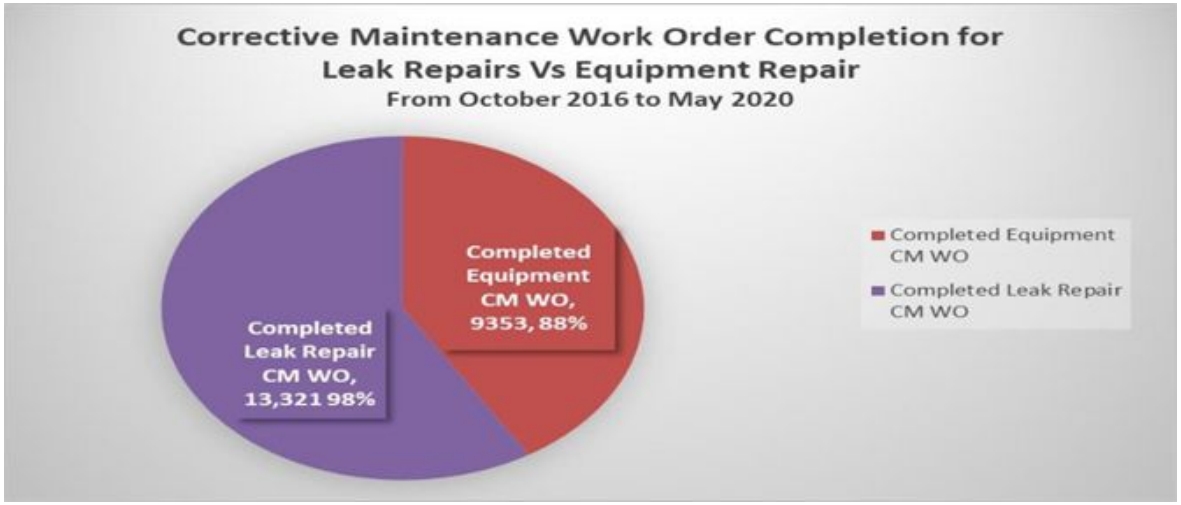


Asset Management (May 2020)

III. Corrective Maintenance Work Order ***Ratio*** for Leak Repairs vs. Equipment Repair



IV. Corrective Maintenance Work Order ***Completion*** for Leak Repairs vs. Equipment Repair



Meters from January 2017 through June 8, 2020

COMPLETED FIELD ACTIVITY JAN 2017 THRU JUNE 08 2020 (POSTED IN CIS)	2017	2018	2019	Jan-20	Feb-20	Mar-20	04/18/20	05/12/20	06/08/20	TOTAL:		COMPLETED FIELD ACTIVITIES (IN PROCESS) TO BE POSTED IN CIS
GWA - Meter Exchange	6487	13353	10850	1079	714	548	117	44	59	33251		0

# OF METERS TESTED AS PER METER TEST FACILITY REPORTS:	6079	12259	9278	749	908	1116	341	662	635	32027
AVG # OF FIELD STAFF PERFORMING CHANGE OUTS (MON THRU FRI):	19	16	7	7	7	7	7	1	1	
# OF ADMIN STAFF TO CREATE AND POST FIELD ACTIVITIES IN CIS:	10	6.3	5	5	5	2	1	1	1	
TOTAL:	**29**	**22**	**12**	**12**	**12**	**9**	**8**	**2**	**2**	

*project suspended effective 04/13/20

REMAINING ACTIVE BADGER LP MODELS TO BE REPLACED AS OF 06/08/20: ***462***

3/4" BADGER METERS IN STOCK AS OF June 05, 2020:

Size	Meter Description	New Meters Passed	New Meters Untested	Passed Field Meters	MMP	Meters Available
3/4"	METER, Badger AMR 5/8" X 3/4" RCDL Model M25 Disc Meter	309	0	278	0	587
3/4"	METER, Badger AMR 5/8" x 3/4" **WARRANTY** RCDL Model M25	0	0	0	0	0
3/4"	METER,Badger 5/8"x3/4" NSF61-G RCDL M25LL Disc Meter Integral	2	0	3	0	5
3/4"	METER, Badger AMR 5/8" x 3/4" RCDL Model M25 ***RMI***	0	0	0	0	0
3/4"	METER, Badger E-SERIES 5/8"X3/4" ULTRASONIC	960	0	1	0	961

Backbilling through May 2020

Guam Waterworks Authority

Collections Report[1] on Accounts Backbilled thru May 31, 2020

For fiscal years 2015 thru 2020 (May)

Accounts Billed			Collection Status											
			Amounts Collected[1]			Amounts Adjusted			Total Uncollected (Active)			Total Uncollected (Inactive)		
FY Billed	No. of Accounts	Amount	No. of Accounts	Amount	%	No. of Accounts	Amount	%	No. of Accounts	Amount	%	No. of Accounts	Amount	%
FY2015														
FY2016	17	$ 882	17	$ 882	100%									
FY2017	537	$ 397,450	467	298,572	75%	17	22,418	6%	27	51,780	13%	26	24,681	6%
FY2018	1,374	$ 742,109	1,196	561,928	76%	54	65,585	9%	73	73,152	10%	51	41,444	6%
FY2019	8,324	$ 3,064,384	7,488	2,431,696	79%	163	141,864	5%	460	378,145	12%	213	112,679	4%
FY2020	1,875	$ 519,391	1,517	260,081	50%	22	7,764	1%	300	242,101	47%	36	9,446	0%
Total	**12,127**	**$ 4,724,216**	**10,685**	**$ 3,553,158**	**75%**	**256**	**$ 237,632**	**5%**	**860**	**$ 745,178**	**16%**	**326**	**$ 188,249**	**4%**

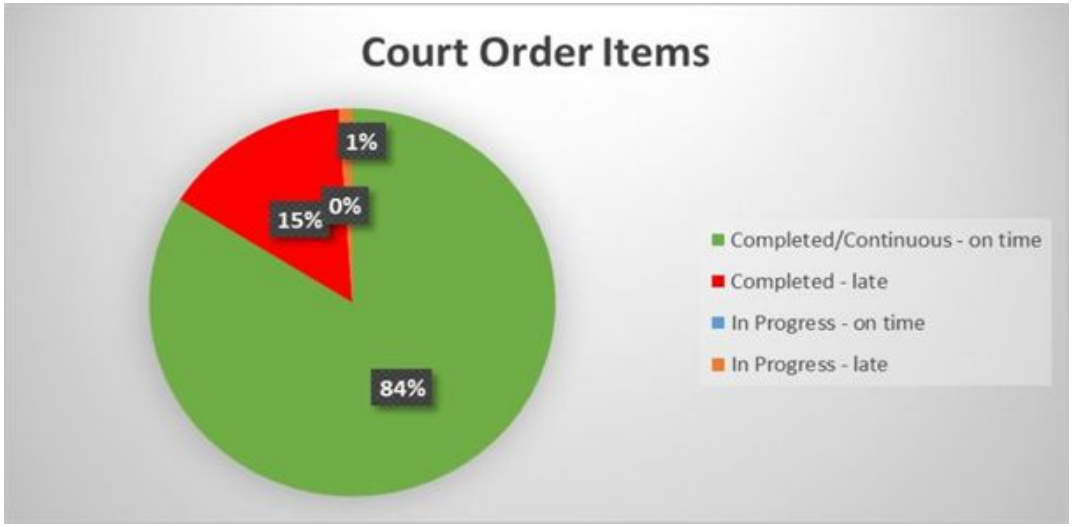
[1] Collections thru June 10, 2020

One Guam Update (May 2020)

- Tumon Maui Well – Inspection for TMW is scheduled for the beginning of June. A checklist will be used so that both parties agree on what is to be inspected. At the end of the inspection, both GWA and DOD will sign off on the inspection report.
- OEA Projects
    - Observation Wells/NGLA
        - FONSI has been signed by OEA
        - B&C is preparing the bid documents for construction of the new monitoring wells
    - Sewer Interceptor Line
        - CIPP work completed; SMH rehabilitation nearly complete
        - Project closeout is on-going
- Property Transfer
    - BPM1 – NAVFAC Marianas will not be able to clear the title on the property before it is transferred to GWA. If GWA is interested in the property, NAVFAC will start the process to transfer. If GWA is not interested in the property, NAVFAC will start the process to transfer to Government of Guam Ancestral Lands Commission.
    - Transfer of Navy Laterals at Murry Road
        - Approval package under review
- Umatac / Cetti Bay Easement Project
    - DOD requires an extension to the 2008 Conservation and Construction Easement Agreement for Use of Cetti Bay Parcel Lot 275 for approximately 10 years.
    - GWA submitted its requirements for the requested extension to DOD
    - DOD is still reviewing the request.
- America's Water Infrastructure Act – Water Agency Response Network
    - DOD and GWA are looking for opportunities to share resources in times of emergency that is beneficial
- Defense Community Infrastructure Pilot Program (DCIP): Federal funding assistance for shovel ready project is available for projects that can benefit GWA and Military Bases. GWA Planning is preparing the grant package. Navy's CO is interested in the list of projects, GWA will share the finalized list with DOD.

Court Order Summary (May 2020)

	Total Items	On-time Items Completed / Continuous	In Progress - late	Completed - Late	In Progress - on time	Performance %
Court order total	93	78	1	14	0	98.90%



	Court Order Items	%	Performance (on-time or completed)
Completed/Continuous - on time	78	84%	
Completed - late	14	15%	
In Progress - on time	0	0%	
In Progress - late	1	1%	98.9%
Totals	93	100%	

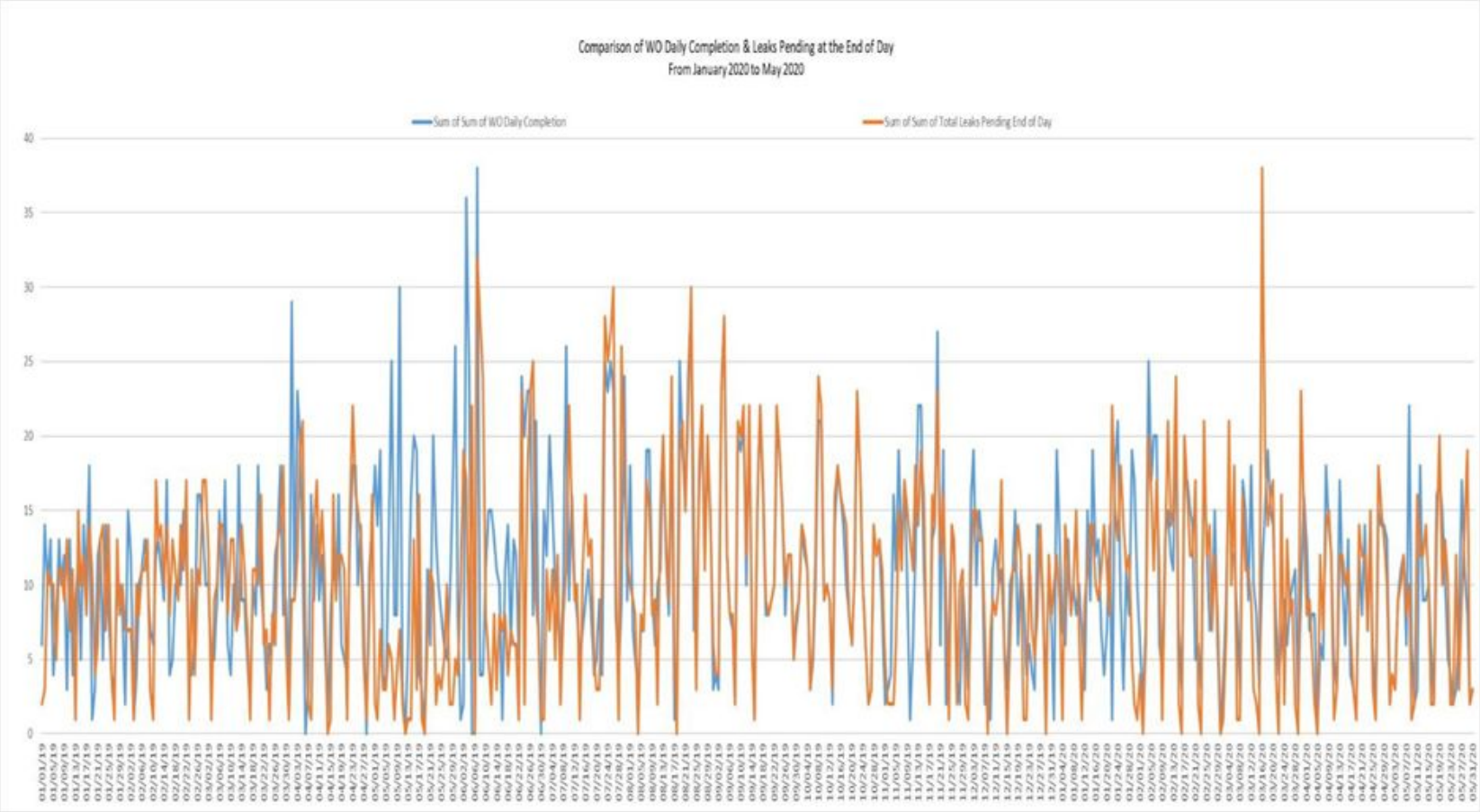
Court Order – Status Information (May 2020)

- 1 item delayed - The Court Order is down to one item remaining, § II, (C), (29) – Storage tank Repair. Restoration, Replacement or Relocation – which is the item that will take longer than the "end" of the court order. That makes us 98.9% done with the CO.
- Final Date to complete all Court Order items will be delayed past December 31, 2020.
    - CO 29(b) has been expanded by 31% beyond the original Court Order Requirements
    - General Counsel is reviewing filing requirements and content
    - Additional impact from 2020 Bond issuance delay is being assessed
- Overflow or Bypass events reported to USEPA:
    - 05-18-2020 Rt 2A Across Agat 76 gas station Rec#146 WO#20-05-1013 - FOG
    - 05-21-2020 Chalan Binadu Laguna Estates Rec#147 WO#20-05-1232 - Debris
    - 05-24-2020 East O'Brien, Mongmong, OF – FOG
    - 05-31-2020 Ramona Street, Asan MH overflow – Rain.
    - 05-31-2020 Vietnam Veterans Highway, Barrigada, MH overflow – pump station control failure
    - 06-02-2020 Hernan Cortez, Anigua, MH overflow – FOG

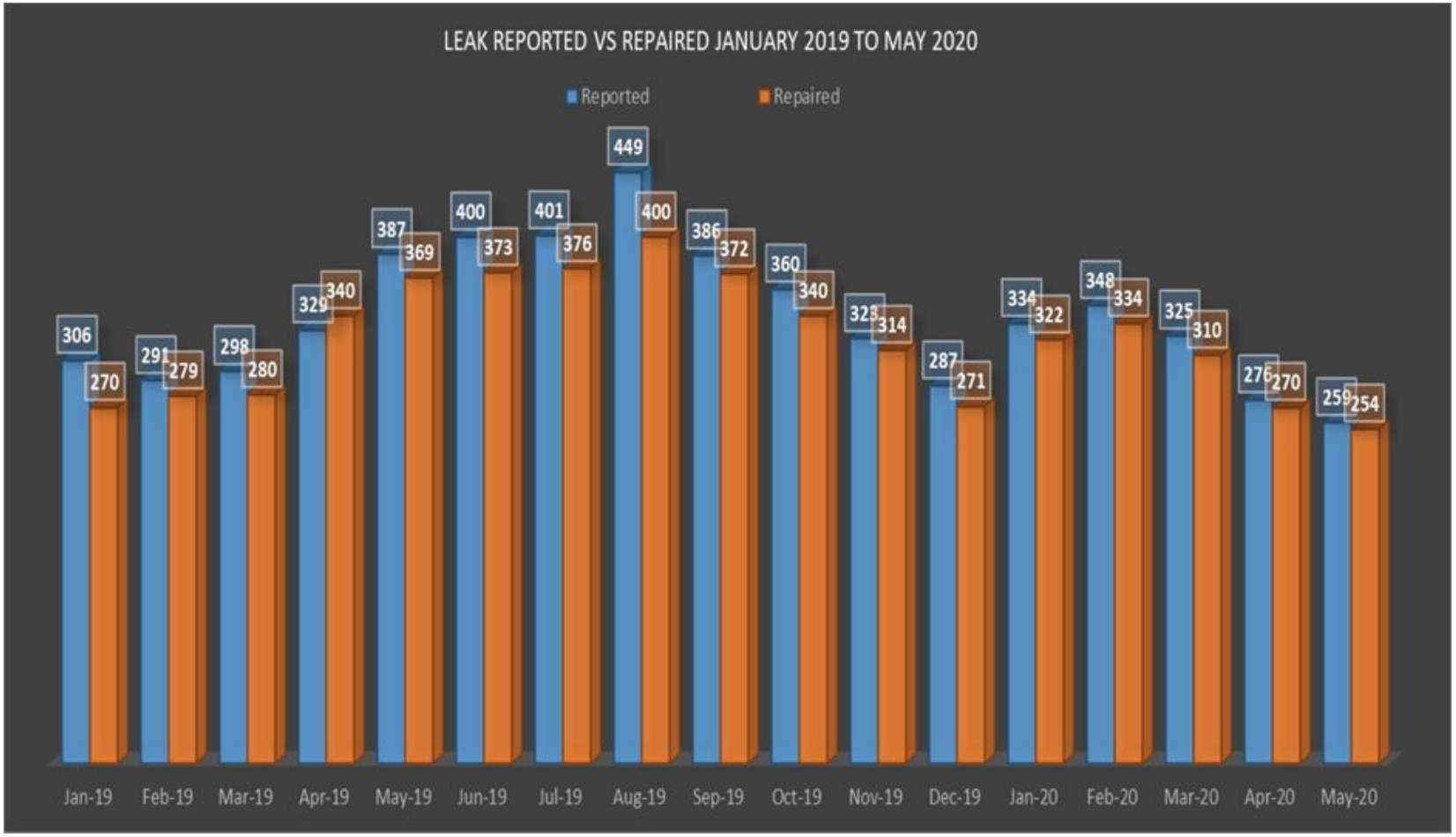
Land Acquisition Summary (May 2020 – no change in status)

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Tanks	Astumbo	Gov't. - CLTC	Petition of Land Registration package forwarded to Attorney General by DLM 11/04/19. Follow up update status request emailed to DLM 05/14/2020.
	Piti	Private	SHPO sect. 106 response received 1/2/20. GEPA Environmental Impact Review received 1/3/20. USFWS Environmental Consultation response received 12/12/19. Environmental Consultation from DOAg Aquatics and wildlife received 3/4/20. Response from DOAg Forestry & soils still pending.
	Airport	Private	Letter of 1st offer to property owner mailed out on May 8, 2020.
Deep Wells	AG-12	Dept. of Agriculture/Manhita Farms	Right of Entry Agreement sent to Dept of AG for signature 05/24/18. 2nd follow up sent on 09/12/18. 3rd follow up sent on 04/10/19. Retracement Survey Property Map filed and recorded at DLM 7/10/19.
Booster Pump Station	Agfayan	Private	TGE working on structural design for pump station area for L28, B19, T3734, Inarajan 11/07/19.
Asan Springs	Asan	Federal	Received remaining comments from Federal and GovGuam agencies in regards to Section 106 on 12/16/19. GWA and Designer negotiated on a Revised Change Order No. 2 submitted on 2/26/2020. CO. No. 2 is to address Federal and Local agencies concerns, specifically on developing an Environmental Assessment and performing Biological Survey work. Pending approval for revised CO. No.2 as of 3/3/2020. Negotiations with NPS on a ROW agreement is ongoing.

Leak Repair Summary (May 2020)



Comparison of Leaks Reported vs. Leaks Repaired (May 2020)



Monthly Leak Report Cost (May 2020)

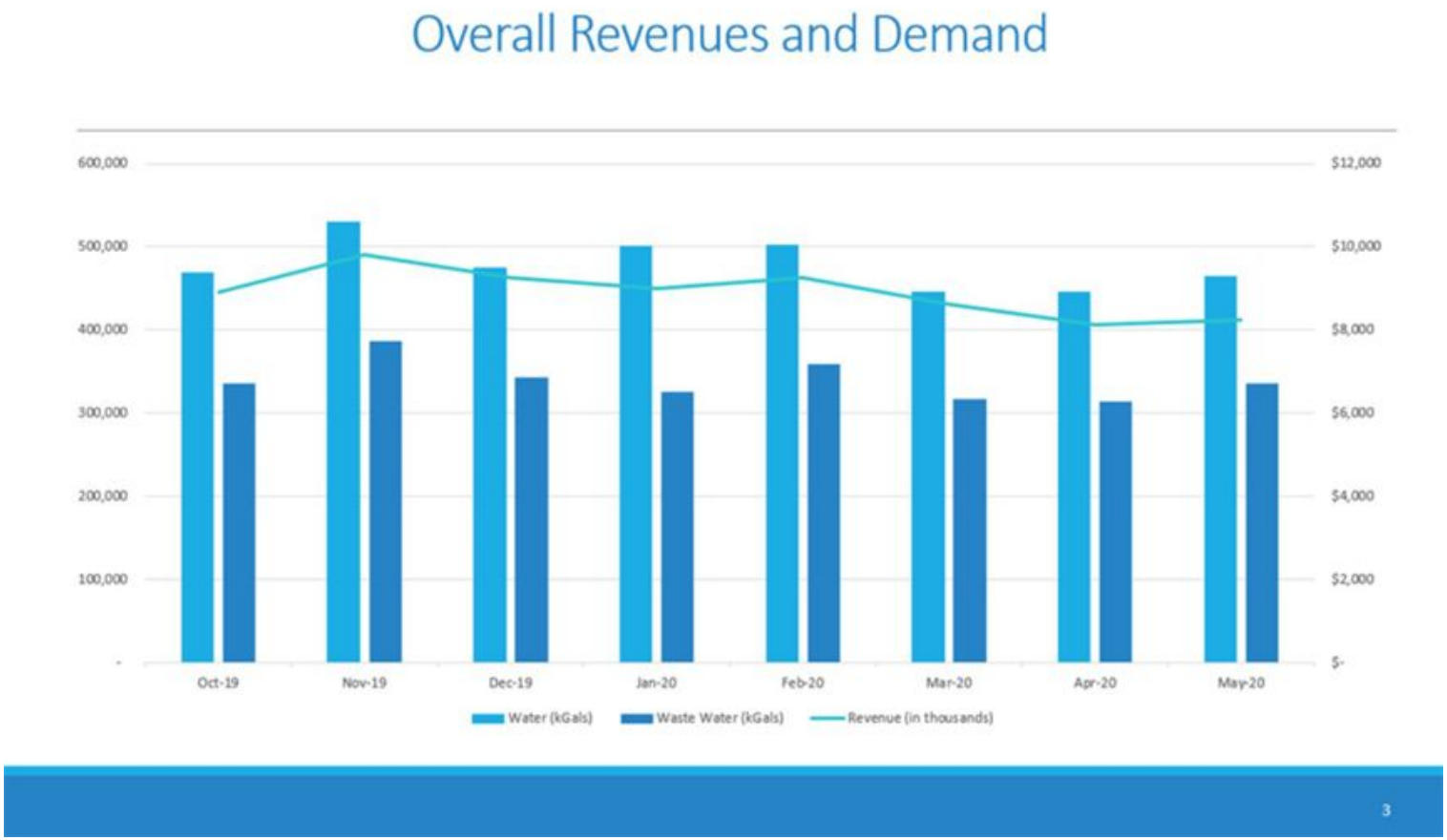


Assumptions:

1. Leak rate = 4 gpm
2. Cost per kgal = $4.00

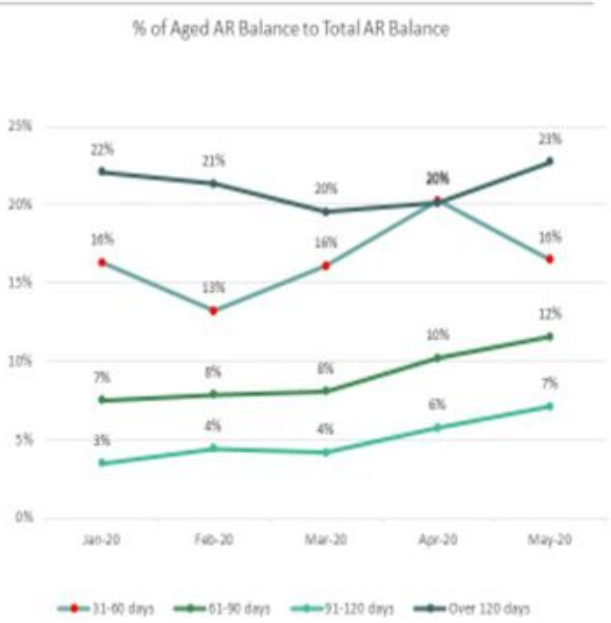
GWA Financial Overview

MAY 2020


Overall Revenues and Demand
600,000
500,000
400,000
300,000
200,000
100,000
-
$12,000
$10,000
$8,000
$6,000
$4,000
$2,000
$-
Oct-19
Nov-19
Dec-19
Jan-20
Feb-20
Mar-20
Apr-20
May-20
Water (kGals)
Waste Water (kGals)
Revenue (in thousands)
3

Overall Revenues and Collections

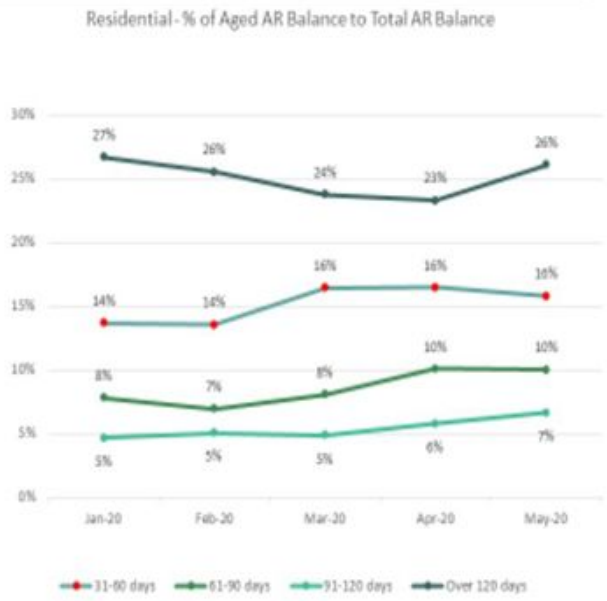




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Residential Revenues and Collections

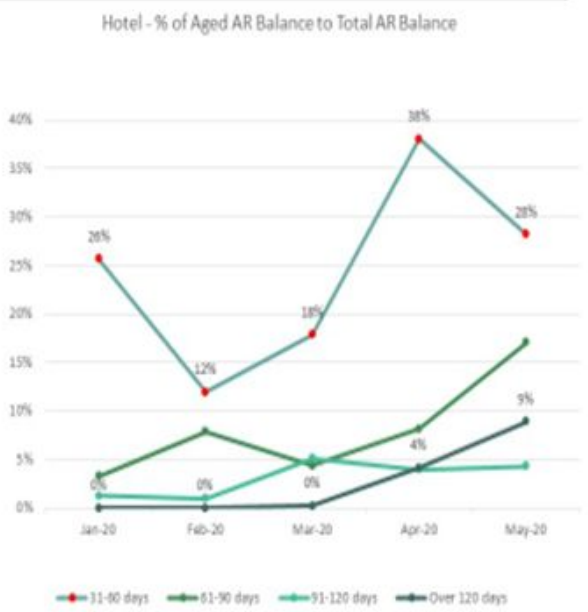




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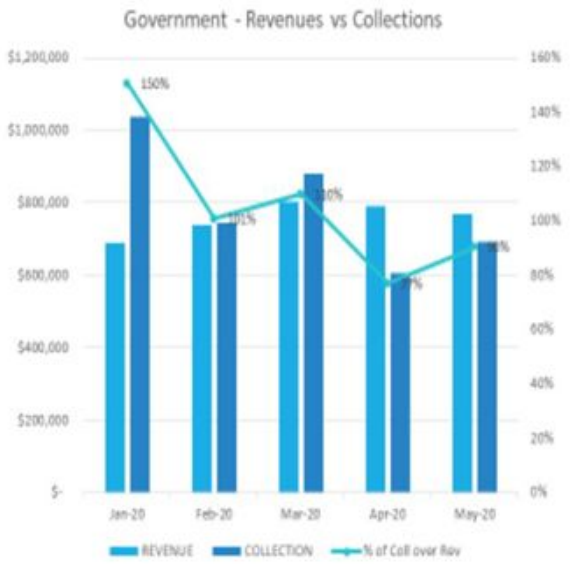
Hotel Revenues and Collections

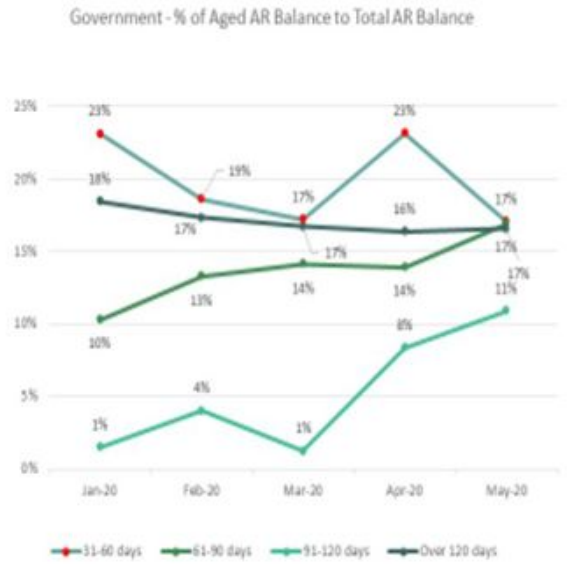




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Government Revenues and Collections

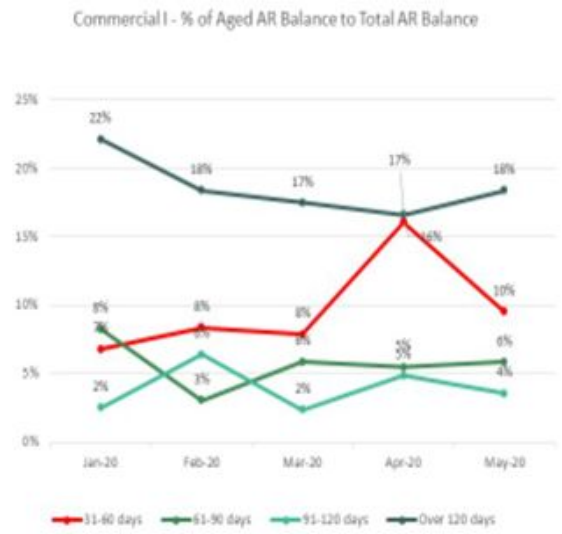




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Commercial I Revenues and Collections

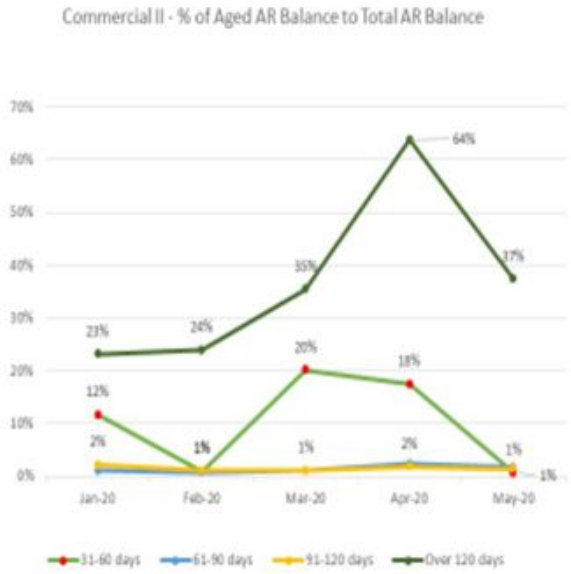




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Commercial II Revenues and Collections

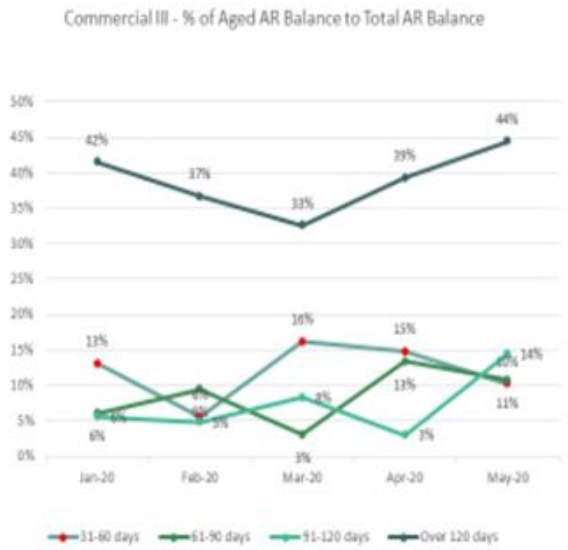




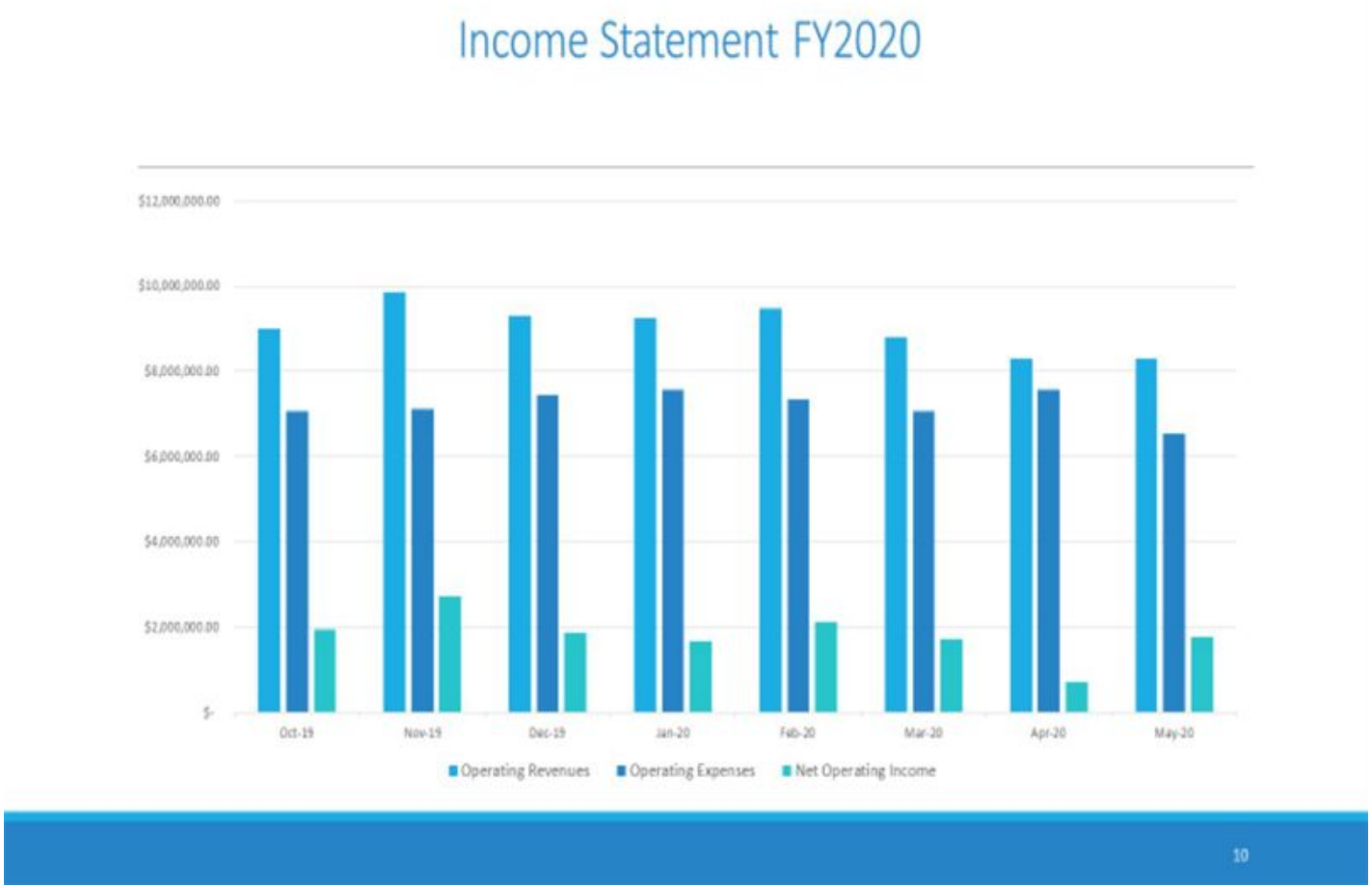
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Commercial III Revenues and Collections





9


Income Statement FY2020
$12,000,000.00
$10,000,000.00
$8,000,000.00
$6,000,000.00
$4,000,000.00
$2,000,000.00
$-
Oct-19
Nov-19
Dec-19
Jan-20
Feb-20
Mar-20
Apr-20
May-20
Operating Revenues
Operating Expenses
Net Operating Income
10

Indicator	Target	Apr-20	May-20
DSC YTD			
· Per Section 6.12 of Indenture	1.25	1.32	1.28
· Per PUC / CCU	1.4	1.32	1.28
YTD Month to Month Change in Net Assets		80%	10%
Days – Cash on Hand	120 days	280 days	298 Days
Collection Ratio			
· Month to Date	98%	90%	100%
· Year to Date	98%	97%	97%
Days Billed	30	30	30
Account Receivable Days	45	48	50
Account Payable Days	45	38	36
Employee Count	400 FTE	379 FTE	384 FTE
Water Demand			
· Month to Date	467,615	445,961	465,477
· Year to Date	3,740,923	3,372,195	3,837,672
Wastewater Demand			
· Month to Date	382,224	313,912	335,721
· Year to Date	2,775,095	2,382,630	2,718,351
Water Customers	42,644	42,893	42,889
Wastewater Customers	29,687	29,644	29,673



GUAM WATERWORKS AUTHORITY
"Better Water. Better Lives"

Financial Statement Overview
May 2020

On Sunday, May 10, 2020, Governor Leon Guerrero placed Guam in PCOR2, allowing certain additional businesses and government offices to open to the public. GPWA reopened the Fadian and Julale offices to take payments and offer limited services on May 14. Additionally, a second drive thru in Fadian was opened. COVID-19 stimulus checks began circulating the economy as the island went into PCOR2. A number of Guam businesses received SBA loans and GovGuam has funded additional relief programs for low income individuals and small businesses. Department of Labor opened registration for unemployment checks, but those payments may not be available for weeks.

Year to Date consumption is about the same as last year (water consumption 0%, wastewater consumption +1%) as is May 2020 consumption compared to May 2019 (water consumption 0%, wastewater consumption -1%). However, because of the shift in consumption from commercial to residential, wastewater revenues continue to see double digit decreases for the month. We continue to monitor bills as they drop in June to determine the impact of the reopening of the economy while hotels largely remain closed due to the lack of tourists and the return of the USS Roosevelt sailors to duty. See Schedule K for Water Demand for FY2015 to FY2020.

Revenues are being continuously monitored and a cost containment plan has been put into effect. However, the public health emergency has required additional outlays for emergency pay and other COVID-19 related expenses partially offset with CARES funding. While sufficient cash reserves are in place, management will continue to assess the situation and make any course corrections required to ensure continuity of services to our customers while keeping the safety of our staff the highest priority.

Balance Sheet

- Total Assets & Deferred Outflows of Resources of $915.7M in September 2019 grew by $17.9M or 2% to $933.6M in May 2020. Current Assets decreased by $4.5M, Property, Plant and Equipment increased by $34.3M, and Other Noncurrent Assets decreased by $11.3M. Note that Schedule F contains a schedule of restricted and unrestricted cash and investments.
- Liabilities & Deferred Inflow of Resources of $714.2M in September 2019 decreased by $12.7M or 2% to $701.5M in May 2020 primarily due to decreases in Current Liabilities of $11.7M.
- Accounts Receivable days were 50 in May 2020 as compared to 50 in September 2019 and Accounts Payable days were 36 in May 2020 as compared to 38 in September 2019.

Statement of Operations and Retained Earnings

- Total Operating Revenues for May 2020 of $8.3M were 8% or $731.9K less than budget and 10% or $914.2K less than May 2019 due to the impact of the COVID-19 public health emergency.
- Year to Date Operating Revenues as of May 2020 of $72.1M were $190K less or .3% less than budget and were $1.7M or 2% less than last year. Note that the budget, was adjusted in April to reflect the effects of the public health emergency.

GUAM WATERWORKS AUTHORITY
"Better Water. Better Lives"

- Total Operating Expenses for May 2020 of $6.7M were $293.6K or 4% below budget, with most expenses coming in below budget except for Power, Depreciation, and Retiree Expenses; double pay related to the public health emergency ended on April 25, 2020. Total Operating Expenses for May 2020 were 7% or $476.6K less than May 2019 with decreases in most expense categories.
- Year to Date Operating Expenses at May 2020 of $59.4M were $3.2M more than budget of $56.3M with most expenses coming in below budget expect for Utility Costs, Bad Debts, Depreciation and Retiree Costs. Year to Date Operating Expenses at May 2020 were $3.8M or 7% more than last year's $55.6M with increases in Utilities of $1.1M, Salaries and Benefits of $851.1K, Administrative & General Expenses of $391.6K, and Depreciation of $2.2M offset by decreases in Contractual Expenses of $511.6K, and Retiree Benefits of $196.5K.
- Earnings from Operations for May 2020 of $1.6M were 22% or $438.4K less than budget and 22% or $437.6K less than May 2019. Change in Net Assets for May 2020 of $3.8M were $1.1M more than the $2.7M budget mainly due $980.6K more in Grants and $766.0K more than May 2019 due to $2.7M more in Grants offsetting the $1.5M decrease in Non-operating Revenues and Expenses.
- Year to Date Earnings from Operations as of May 2020 of $12.7M were 21% or $3.4M less than budget and 30% or $5.5M less than YTD Earnings as of May 2019. Year to Date Change in Net Assets as of May 2020 of $30.6M were $8.9M or 41% more than budget mainly due $7.0M more in Grants from US Government and $4.5M less in interest expense than projected. Year to Date Change in Net Assets as of May 2020 were $5.8M or 23% more than YTD as of May 2019 mainly due to $22.4M more in US Government Grants and $9.3M less in AFUDC.

Key Financial Indicators

Indicator	Target	April 2020	May 2020
DSC YTD			
• Per Section 6.12 of Indenture	1.25	1.32	1.28
• Per PUC / CCU	1.40	1.32	1.28
YTD Month to Month Change in Net Assets		80%	10%
Days – Cash on Hand	120 days	280 days	298 Days
Collection Ratio			
• Month to Date	98%	90%	100%
• Year to Date	98%	97%	97%
Days Billed	30	30	30
Account Receivable Days	45	48	50
Account Payable Days	45	38	36
Employee Count	400 FTE	379 FTE	384 FTE
Water Demand			
• Month to Date	467,615	445,961	465,477
• Year to Date	3,740,923	3,372,195	3,837,672
Wastewater Demand			
• Month to Date	382,224	313,912	335,721
• Year to Date	2,775,095	2,382,630	2,718,351
Water Customers	42,644	42,893	42,889
Wastewater Customers	29,687	29,644	29,673

GUAM WATERWORKS AUTHORITY
MAY 31, 2020
FINANCIAL AND RELATED REPORTS
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GUAM WATERWORKS AUTHORITY
Balance Sheet
May 31, 2020

SCHEDULE A

ASSETS AND DEFERRED OUTFLOWS of RESOURCES	Unaudited May 31, 2020	Audited September 30, 2019	Increase (Decrease)
Current Assets			
Cash			
Unrestricted (Schedule F)	43,053,503	36,140,182	6,913,320
Restricted Funds (Schedule F)	29,509,738	37,890,369	(8,380,631)
Accounts Receivable Trade, Net of Allowance for Doubtful Receivables of $7,372,895 at May 31, 2020 and $7,789,943 at Sep 30, 2019	14,545,826	14,346,247	199,579
Federal Receivable	1,348,926	3,711,435	(2,362,509)
Other Receivable	901,734	1,794,082	(892,346)
Materials & Supplies Inventory, Net of Allowance for Obsolescence of $64,131 at May 31, 2020 and $64,131 at Sep 30, 2019	3,880,826	3,897,352	(16,527)
Total Current Assets	93,240,553	97,779,668	(4,539,114)
Property, Plant and Equipment			
Utility plant in service			
Water system	382,795,972	381,484,623	1,311,349
Wastewater system	456,881,508	429,896,579	26,984,928
Non-utility property	24,255,718	23,200,625	1,055,093
Total property	863,933,197	834,581,827	29,351,370
Less: Accumulated Depreciation	(337,736,987)	(321,561,403)	(16,175,583)
Land	3,914,815	3,914,815	-
Construction Work in Progress	121,242,118	100,162,613	21,079,504
Property, Plant and Equipment, net	651,353,143	617,097,852	34,255,292
Other noncurrent assets and deferred charges			
Restricted cash (Schedule F)	88,581,775	109,937,511	(21,355,736)
Investments (Schedule F)	71,324,680	61,231,877	10,092,803
Other Prepaid Expenses	1,329,631	1,667,816	(338,184)
Regulatory Assets	328,750	-	328,750
Total other noncurrent assets and deferred charges	161,564,836	172,837,204	(11,272,368)
Total Assets	906,158,533	887,714,724	18,443,810
Deferred outflows of resources			
Debt defeasance due to bond refunding	11,424,576	11,976,380	(551,804)
Deferred outflows from pension	9,057,499	9,057,499	-
Deferred outflows from OPEB	6,982,196	6,982,196	-
Total Assets and Deferred Outflows of Resources	**933,622,804**	**915,730,799**	**17,892,006**
LIABILITIES, DEFERRED INFLOWS of RESOURCES AND NET ASSETS			
Current Liabilities			
Current maturities of long-term debt			
Series 2010 Revenue Bond	1,895,000	1,895,000	-
Series 2013 Revenue Bond	2,695,000	2,695,000	-
Series 2014 Refunding Bond	3,760,000	3,760,000	-
Series 2016 Revenue Bond	420,000	420,000	-
Series 2017 Refunding Bond	-	-	-
Notes Payable	-	2,319,108	(2,319,108)
Accounts Payable -Trade	3,302,144	4,121,364	(819,219)
Accrued and Other Liabilities	1,423,322	1,374,650	48,671
Interest Payable	10,585,495	6,359,303	4,226,192
Accrued Payroll and Employee Benefits	812,083	1,685,235	(873,152)
Accrued Annual Leave	1,054,545	1,054,545	-
Current portion of employee annual leave	584,204	584,204	-
Contractors' Payable	10,252,775	22,094,820	(11,842,045)
Customer and Other Deposits	2,209,052	2,349,490	(140,439)
Total Current Liabilities	38,993,619	50,712,718	(11,719,099)
Long Term Debt, less current maturities			
Series 2010 Revenue Bond	-	-	-
Series 2013 Revenue Bond	169,935,000	169,935,000	-
Series 2014 Refunding Bond	65,140,000	65,140,000	-
Series 2016 Revenue Bond	142,890,000	142,890,000	-
Series 2017 Refunding Bond	107,365,000	107,365,000	-
Unamortized Bond Premium/Discount	30,903,832	31,863,590	(959,758)
Net pension liability	49,593,171	49,593,171	-
Net OPEB obligation	62,656,405	62,656,405	-
Employee Annual Leave, Less Current Portion	838,545	838,545	-
Total Liabilities	668,315,571	680,994,429	(12,678,857)
Deferred inflows of resources:			
Deferred inflows from pension	1,444,744	1,444,744	-
Deferred inflows from OPEB	31,758,062	31,758,062	-
Total Liabilities and Deferred Inflows of Resources	701,518,377	714,197,235	(12,678,857)
Net Assets	**232,104,426**	**201,533,564**	**30,570,862**
Total Liabilities, Deferred Inflows of Resources and Net Assets	**933,622,804**	**915,730,799**	**17,892,005**

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings **SCHEDULE B**
Comparative Budget vs. Actual for the period ending May 31, 2020

	Month to Date Budget* May-20	Month to Date Actual (Unaudited) May-20	Variance Favorable / (Unfavorable)
OPERATING REVENUES			
Water Revenues	5,482,041	5,352,163	(129,878)
Wastewater Revenues	3,173,105	2,645,203	(527,902)
Legislative Surcharge	268,785	244,067	(24,718)
Other Revenues	35,994	34,245	(1,749)
System Development Charge	76,247	28,547	(47,700)
Total Operating Revenues	9,036,173	8,304,225	(731,948)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	625,000	604,840	20,160
Power Purchases	1,084,725	1,100,544	(15,819)
Total Utility Costs	1,709,725	1,705,384	4,341
Salaries and Wages	1,807,507	1,539,291	268,217
Pension and Benefits	546,381	525,720	20,661
Total Salaries and Benefits	2,353,889	2,065,011	288,878
Capitalized Labor and Benefits	(391,667)	(598,264)	206,597
Net Salaries and Benefits	1,962,222	1,466,747	495,475
Administrative and General Expenses			
Sludge removal	144,822	141,279	3,543
Chemicals	226,850	222,980	3,869
Materials & Supplies	131,478	130,850	627
Transportation	54,453	52,725	1,728
Communications	20,624	19,869	755
Claims	13,339	13,000	339
Insurance	7,905	6,756	1,149
Training & Travel	2,562	2,494	68
Advertising	7,892	7,078	814
Miscellaneous	101,091	99,063	2,028
Regulatory Expense	13,596	8,319	5,277
Bad Debts Provision	165,174	164,829	346
Total Administrative and General Expense	889,785	869,242	20,544
Depreciation Expense	1,830,222	2,088,022	(257,800)
Contractual Expense			
Audit & Computer Maintenance	73,648	66,237	7,411
Building rental	36,800	36,675	125
Equipment rental	83,630	58,107	25,523
Legal	3,616	-	3,616
Laboratory	23,948	3,426	20,522
Other	179,783	179,728	56
Total Contractual Expense	401,425	344,172	57,253
Retiree Supp. Annuities and health care costs	190,069	216,292	(26,224)
Contribution to Government of Guam	50,334	50,333	1
Total Retiree Benefits	240,402	266,625	(26,223)
Total Operating Expenses	7,033,782	6,740,192	293,589
Earnings (Loss) from Operations	2,002,392	1,564,033	(438,359)
Interest Income - 2010/13/14/16/17 Series Bond	112,563	3,042	(109,521)
Interest Income - Other Funds	18,048	2,725	(15,323)
Interest Income - SDC	2,131	1,589	(541)
Interest Expense - 2010/13/14/16/17 Series Bond	(2,675,432)	(2,117,099)	558,333
Interest Expense - ST BOG	(5,612)	-	5,612
Loss on Asset Disposal	-	-	-
AFUDC	-	-	-
Amortization of Discount, Premium and Issuance Costs	(33,637)	119,970	153,606
Defeasance due to bond refunding	(28,676)	(68,976)	(40,299)
Deferred outflows from pension	-	-	-
Prior Year Adjustment	-	-	-
Total non-operating revenues (expenses)	(2,610,616)	(2,058,748)	551,867
Net Income (Loss) before capital contributions	(608,224)	(494,716)	113,509
Capital Contributions			
Grants from US Government	3,311,071	4,283,705	972,634
Grants from GovGuam & Others	-	8,000	8,000
Total Capital Contributions	3,311,071	4,291,705	980,634
Change in Net Assets	2,702,847	3,796,989	1,094,142
Debt Service Calculation			
Earnings From Operations	2,002,392	1,564,033	
System Development Charge	(76,247)	(28,547)	
Retiree COLA	50,334	50,333	
Interest/Investment Income	18,048	2,725	
Depreciation	1,830,222	2,088,022	
Balance Available for Debt Service per Section 6.12	3,824,749	3,676,566	
Debt Service			
Principal	730,833	730,833	
Interest	2,117,099	2,117,099	
Total	2,847,932	2,847,932	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.34	1.29	
Debt Service Coverage (1.40X) inclusive of reserves (PUC)	1.34	1.29	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings **SCHEDULE C**
Comparative for the period ending May 31, 2020 and 2019

	Month to Date Actual (Unaudited) May-20	Month to Date Actual (Audited) May-19	Variance Increase / (Decrease)
OPERATING REVENUES			
Water Revenues	5,352,163	5,415,393	(63,230)
Wastewater Revenues	2,645,203	3,355,645	(710,442)
Legislative Surcharge	244,067	287,392	(43,325)
Other Revenues	34,245	51,001	(16,756)
System Development Charge	28,547	109,006	(80,459)
Total Operating Revenues	8,304,225	9,218,437	(914,212)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	604,840	602,770	2,070
Power Purchases	1,100,544	1,305,990	(205,446)
Total Utility Costs	1,705,384	1,908,760	(203,376)
Salaries and Wages	1,539,291	1,667,411	(128,120)
Pension and Benefits	525,720	522,398	3,322
Total Salaries and Benefits	2,065,011	2,189,809	(124,799)
Capitalized Labor and Benefits	(598,264)	(308,333)	(289,931)
Net Salaries and Benefits	1,466,747	1,881,476	(414,730)
Administrative and General Expenses			
Sludge removal	141,279	135,218	6,061
Chemicals	222,980	151,421	71,560
Materials & Supplies	130,850	167,086	(36,236)
Transportation	52,725	35,970	16,755
Communications	19,869	9,065	10,803
Claims	13,000	-	13,000
Insurance	6,756	77,745	(70,989)
Training & Travel	2,494	51,574	(49,080)
Advertising	7,078	16,412	(9,334)
Miscellaneous	99,063	95,165	3,898
Regulatory Expense	8,319	4,514	3,805
Bad Debts Provision	164,829	174,514	(9,686)
Total Administrative and General Expense	869,242	918,683	(49,442)
Depreciation Expense	2,088,022	1,759,065	328,957
Contractual Expense			
Audit & Computer Maintenance	66,237	115,092	(48,855)
Building rental	36,675	35,211	1,464
Equipment rental	58,107	103,948	(45,841)
Legal	-	10,754	(10,754)
Laboratory	3,426	32,817	(29,391)
Other	179,728	161,176	18,552
Total Contractual Expense	344,172	458,998	(114,826)
Retiree Supp. Annuities and health care costs	216,292	239,798	(23,506)
Contribution to Government of Guam	50,333	50,000	333
Total Retiree Benefits	266,625	289,798	(23,173)
Total Operating Expenses	6,740,192	7,216,781	(476,589)
Earnings (Loss) from Operations	1,564,033	2,001,656	(437,623)
Interest Income - 2010/13/14/16/17 Series Bond	3,042	328,495	(325,453)
Interest Income - Other Funds	2,725	75,131	(72,406)
Interest Income - SDC	1,589	15,637	(14,048)
Interest Expense - 2010/13/14/16/17 Series Bond	(2,117,099)	(2,137,785)	20,686
Interest Expense - ST BOG	-	(15,339)	15,339
Loss on Asset Disposal	-	-	-
AFUDC	-	1,157,306	(1,157,306)
Amortization of Discount, Premium and Issuance Costs	119,970	119,709	261
Defeasance due to bond refunding	(68,976)	(69,534)	558
Deferred outflows from pension	-	-	-
Prior Year Adjustment	-	-	-
Total non-operating revenues (expenses)	(2,058,748)	(526,379)	(1,532,369)
Net Income (Loss) before capital contributions	(494,716)	1,475,276	(1,969,992)
Capital Contributions			
Grants from US Government	4,283,705	1,555,747	2,727,958
Grants from GovGuam & Others	8,000	-	8,000
Total Capital Contributions	4,291,705	1,555,747	2,735,958
Change in Net Assets	3,796,989	3,031,024	765,966

Debt Service Calculation		
Earnings From Operations	1,564,033	2,001,656
System Development Charge	(28,547)	(109,006)
Retiree COLA	50,333	50,000
Interest/Investment Income	2,725	75,131
Depreciation	2,088,022	1,759,065
Balance Available for Debt Service per Section 6.12	3,676,566	3,776,846
Working Capital Reserve Available for Debt Service	-	957,296
Transfer to Working Capital - Debt Service Reserve	-	-
Transfer to Working Capital - O&M Reserve	-	-
Balance Available for Debt Service inclusive of reserves	3,676,566	4,734,142
Debt Service		
Principal	730,833	476,250
Interest	2,117,099	2,137,785
Total	2,847,932	2,614,035
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.29	1.44
Debt Service Coverage (1.40X) (PUC)	1.29	
Debt Service Coverage (1.75X) inclusive of reserves (PUC)		1.81

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings **SCHEDULE D**
Comparative Budget vs. Actual for the period ending May 31, 2020

	Year to Date		Variance
	Budget* May-20	Actual (Unaudited) May-20	Favorable / (Unfavorable)
OPERATING REVENUES			
Water Revenues	43,856,332	44,520,478	664,146
Wastewater Revenues	25,384,843	24,483,652	(901,191)
Legislative Surcharge	2,150,279	2,195,867	45,588
Other Revenues	287,955	491,763	203,809
System Development Charge	609,976	407,807	(202,169)
Total Operating Revenues	72,289,385	72,099,568	(189,817)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	4,869,000	4,922,728	(53,728)
Power Purchases	8,677,797	10,114,389	(1,436,592)
Total Utility Costs	13,546,797	15,037,117	(1,490,321)
Salaries and Wages	14,460,060	13,736,276	723,784
Pension and Benefits	4,371,049	4,216,608	154,441
Total Salaries and Benefits	18,831,109	17,952,883	878,225
Capitalized Labor and Benefits	(3,133,333)	(2,332,059)	(801,274)
Net Salaries and Benefits	15,697,776	15,620,824	76,951
Administrative and General Expenses			
Sludge removal	1,008,575	1,006,683	1,892
Chemicals	1,454,797	1,451,832	2,966
Materials & Supplies	1,385,820	1,378,388	7,432
Transportation	404,625	399,960	4,665
Communications	98,988	94,766	4,222
Claims	105,709	105,354	355
Insurance	553,242	552,003	1,239
Training & Travel	119,499	118,289	1,209
Advertising	30,136	29,952	184
Miscellaneous	723,728	720,678	3,050
Regulatory Expense	274,769	272,993	1,777
Bad Debts Provision	1,417,394	1,423,960	(6,566)
Total Administrative and General Expense	7,577,281	7,554,857	22,424
Depreciation Expense	14,641,780	16,251,062	(1,609,283)
Contractual Expense			
Audit & Computer Maintenance	377,181	377,105	76
Building rental	292,400	291,945	455
Equipment rental	613,036	612,426	610
Legal	931	-	931
Laboratory	111,586	110,554	1,032
Other	1,488,267	1,486,725	1,542
Total Contractual Expense	2,883,401	2,878,755	4,646
Retiree Supp. Annuities and health care costs	1,520,548	1,698,986	(178,438)
Contribution to Government of Guam	402,670	402,668	2
Total Retiree Benefits	1,923,219	2,101,654	(178,435)
Total Operating Expenses	56,270,253	59,444,270	(3,174,018)
Earnings (Loss) from Operations	16,019,132	12,655,298	(3,363,834)
Interest Income - 2010/13/14/16/17 Series Bond	900,505	979,585	79,080
Interest Income - Other Funds	144,382	270,375	125,993
Interest Income - SDC	17,045	77,617	60,573
Interest Expense - 2010/13/14/16/17 Series Bond	(21,403,458)	(16,936,792)	4,466,667
Interest Expense - ST BOG	(44,897)	(38,188)	6,709
Loss on Asset Disposal	-	(254,364)	(254,364)
AFUDC	-	-	-
Amortization of Discount, Premium and Issuance Costs	(269,093)	959,758	1,228,852
Defeasance due to bond refunding	(229,409)	(551,804)	(322,395)
Deferred outflows from pension	-	-	-
Prior Year Adjustment	-	(29,803)	(29,803)
Total non-operating revenues (expenses)	(20,884,926)	(15,523,615)	5,361,310
Net Income (Loss) before capital contributions	(4,865,794)	(2,868,318)	1,997,476
Capital Contributions			
Grants from US Government	26,488,571	33,424,930	6,936,358
Grants from GovGuam & Others	-	14,250	14,250
Total Capital Contributions	26,488,571	33,439,180	6,950,608
Change in Net Assets	21,622,778	30,570,862	8,948,085
Debt Service Calculation			
Earnings From Operations	16,019,132	12,655,298	
System Development Charge	(609,976)	(407,807)	
Retiree COLA	402,670	402,668	
Interest/Investment Income	144,382	270,375	
Depreciation	14,641,780	16,251,062	
Balance Available for Debt Service per Section 6.12	30,597,988	29,171,596	
Debt Service			
Principal	5,846,667	5,846,667	
Interest	16,936,792	16,936,792	
Total	22,783,458	22,783,458	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.34	1.28	
Debt Service Coverage (1.40X) inclusive of reserves (PUC)	1.34	1.28	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending May 31, 2020 and 2019

SCHEDULE E

	Year to Date Actual (Unaudited) May-20	Year to Date Actual (Audited) May-19	Variance Increase / (Decrease)
OPERATING REVENUES			
Water Revenues	44,520,478	44,639,920	(119,442)
Wastewater Revenues	24,483,652	25,921,522	(1,437,869)
Legislative Surcharge	2,195,867	2,344,097	(148,230)
Other Revenues	491,763	374,587	117,176
System Development Charge	407,807	550,712	(142,904)
Total Operating Revenues	72,099,568	73,830,837	(1,731,269)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	4,922,728	4,123,919	798,810
Power Purchases	10,114,389	9,823,858	290,531
Total Utility Costs	15,037,117	13,947,777	1,089,340
Salaries and Wages	13,736,276	13,082,742	653,534
Pension and Benefits	4,216,608	4,153,636	62,972
Total Salaries and Benefits	17,952,883	17,236,378	716,506
Capitalized Labor and Benefits	(2,332,059)	(2,466,667)	134,608
Net Salaries and Benefits	15,620,824	14,769,711	851,113
Administrative and General Expenses			
Sludge removal	1,006,683	1,007,459	(776)
Chemicals	1,451,832	1,273,058	178,774
Materials & Supplies	1,378,388	1,263,885	114,504
Transportation	399,960	395,408	4,552
Communications	94,766	93,512	1,254
Claims	105,354	41,426	63,928
Insurance	552,003	603,985	(51,982)
Training & Travel	118,289	151,502	(33,213)
Advertising	29,952	75,745	(45,793)
Miscellaneous	720,678	689,409	31,269
Regulatory Expense	272,993	114,862	158,130
Bad Debts Provision	1,423,960	1,453,030	(29,070)
Total Administrative and General Expense	7,554,857	7,163,281	391,576
Depreciation Expense	16,251,062	14,072,520	2,178,542
Contractual Expense			
Audit & Computer Maintenance	377,105	437,309	(60,204)
Building rental	291,945	281,686	10,259
Equipment rental	612,426	785,973	(173,546)
Legal	-	10,754	(10,754)
Laboratory	110,554	178,923	(68,370)
Other	1,486,725	1,695,675	(208,950)
Total Contractual Expense	2,878,755	3,390,320	(511,565)
Retiree Supp. Annuities and health care costs	1,698,986	1,898,154	(199,168)
Contribution to Government of Guam	402,668	400,000	2,668
Total Retiree Benefits	2,101,654	2,298,154	(196,500)
Total Operating Expenses	59,444,270	55,641,763	3,802,507
Earnings (Loss) from Operations	12,655,298	18,189,074	(5,533,776)
Interest Income - 2010/13/14/16/17 Series Bond	979,585	2,735,566	(1,755,981)
Interest Income - Other Funds	270,375	551,364	(280,989)
Interest Income - SDC	77,617	119,288	(41,671)
Interest Expense - 2010/13/14/16/17 Series Bond	(16,936,792)	(17,102,276)	165,485
Interest Expense - ST BOG	(38,188)	(144,221)	106,033
Loss on Asset Disposal	(254,364)	-	(254,364)
AFUDC	-	9,258,444	(9,258,444)
Amortization of Discount, Premium and Issuance Costs	959,758	957,671	2,087
Defeasance due to bond refunding	(551,804)	(556,272)	4,467
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(29,803)	(284,709)	254,906
Total non-operating revenues (expenses)	(15,523,615)	(4,465,145)	(11,058,470)
Net Income (Loss) before capital contributions	(2,868,318)	13,723,929	(16,592,246)
Capital Contributions			
Grants from US Government	33,424,930	11,020,636	22,404,294
Grants from GovGuam & Others	14,250	61,311	(47,061)
Total Capital Contributions	33,439,180	11,081,947	22,357,233
Change in Net Assets	30,570,862	24,805,875	5,764,987
Debt Service Calculation			
Earnings From Operations	12,655,298	18,189,074	
System Development Charge	(407,807)	(550,712)	
Retiree COLA	402,668	400,000	
Interest/Investment Income	270,375	551,364	
Depreciation	16,251,062	14,072,520	
Balance Available for Debt Service per Section 6.12	29,171,596	32,662,246	
Working Capital Reserve Available for Debt Service	-	7,658,369	
Transfer to Working Capital - Debt Service Reserve	-	-	
Transfer to Working Capital - O&M Reserve	-	-	
Balance Available for Debt Service inclusive of reserves	29,171,596	40,320,615	
Debt Service			
Principal	5,846,667	3,810,000	
Interest	16,936,792	17,102,276	
Total	22,783,458	20,912,276	
Debt Service Coverage (1.25X) - per Section 6.12	1.28	1.56	
Debt Service Coverage (1.40X) (PUC)	1.28		
Debt Service Coverage (1.75X) inclusive of reserves (PUC)		1.93	

GUAM WATERWORKS AUTHORITY
Restricted and Unrestricted Cash Summary
FY2020

SCHEDULE F

Description	Unaudited May 31, 2020	Audited September 30, 2019	Increase (Decrease)
UNRESTRICTED			
Change Fund	2,000	2,000	-
Petty Cash	4,450	4,450	-
BOG Deposit Accounts	5,350,406	4,955,587	394,819
BOG O & M Reserve	25,688,238	13,933,323	11,754,915
BOG CapEx Fund	12,008,409	17,244,823	(5,236,414)
Sub-total Unrestricted	**43,053,503**	**36,140,182**	**6,913,320**
RESTRICTED			
ANZ Bank	-	19	(19)
Bank Pacific	20,341	12,321	8,020
Bank of Hawaii	322,322	220,158	102,165
Community First FCU	7,117	2,530	4,586
First Hawaiian Bank	33,433	11,761	21,672
Bank Pacific Surcharge	821,599	302,837	518,763
Bank Pacific Escrow Deposit	842,101	836,528	5,573
BOG Customer Refunds	2,022,050	1,871,553	150,498
BOG Emergency Reserve Fund	6,241	6,237	5
BOG Sewer Hookup Revolving Fund	67,382	67,094	287
BOG Subordinate Security Fund	-	859,233	(859,233)
BOG Operation and Maintenance Fund	3,083,482	3,083,482	-
BOG Revenue Trust	-	1,164,224	(1,164,224)
BOG Revenue Trust Fund	7,283,686	7,613,000	(329,314)
BOG Capital Improvement Revenue Fund	5,551,237	1,001,292	4,549,945
BOG Debt Service Reserve	189	11,563,736	(11,563,548)
	20,061,181	**28,616,004**	**(8,554,823)**
BOG - SDC Deposit	3,948,557	2,024,365	1,924,192
BOG - SDC CDs	5,500,000	7,250,000	(1,750,000)
Total SDC	**9,448,557**	**9,274,365**	**174,192**
Total Restricted	**29,509,738**	**37,890,369**	**(8,380,631)**
Reserve Funds			
BOG Series 2013 Construction Fund	9,884,316	14,170,759	(4,286,443)
BOG Series 2014 Refunding Construction Fund	219,091	217,448	1,642
BOG Series 2016 Construction Fund	72,235,966	89,235,554	(16,999,588)
BOG Series 2017 Refunding Construction Fund	6,242,402	6,313,750	(71,348)
Total Restricted - Held by Trustee	**88,581,775**	**109,937,511**	**(21,355,736)**
BOG OMRRRF Fund	17,423,213	17,423,213	-
USB Series 2013 Debt Service Fund	6,458,825	3,082,212	3,376,614
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	-
USB Series 2014 Refunding Debt Service Fund	4,983,650	1,885,637	3,098,013
USB Series 2014 Refunding Debt Service Reserve Fund	7,738,553	7,798,212	(59,659)
USB Series 2016 Debt Service Fund	3,435,313	1,946,774	1,488,538
USB Series 2016 Debt Service Reserve Fund	7,591,999	7,591,999	-
USB Series 2010 Debt Service Fund	1,808,099	523,353	1,284,747
USB Series 2017 Refunding Debt Service Reserve Fund	7,566,460	7,566,460	-
USB Series 2017 Debt Service Fund	2,286,880	1,382,329	904,550
Total Investments	**71,324,680**	**61,231,877**	**10,092,803**
Total Restricted and Unrestricted Cash	**232,469,696**	**245,199,940**	**(12,730,244)**

Guam Waterworks Authority
Accounts Receivable - Government (Active)
May 31, 2020

SCHEDULE G

Customer Name	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total
		AGING					
Autonomous Agencies (Active)							
Guam Int'l Airport Authority	8	$ 33,325	$ 40,319	$ 10,127	$ 9,447	$ 248,047	$ 341,265
Guam Power Authority	25	202,258	-	-	-	-	202,258
Guam Memorial Hospital Authority	3	37,379	-	-	-	-	37,379
Guam Housing & Urban Renewal Authority	9	16,377	533	10	-	-	16,921
Port Authority of Guam	5	14,708	-	-	-	-	14,708
Guam Visitors Bureau	1	1,986	-	-	-	-	1,986
Guam Housing Corporation	1	26	-	-	-	-	26
Total Autonomous Agencies	**52**	**$ 306,060**	**$ 40,852**	**$ 10,137**	**$ 9,447**	**$ 248,047**	**$ 614,543**
		49.80%	**6.65%**	**1.65%**	**1.54%**	**40.36%**	**100.00%**
Department of Education	53	$ 279,736	$ 240,500	$ 289,282	$ 183,890	$ -	$ 993,408
Department of Corrections	8	84,373	-	-	-	-	84,373
Mayors Council of Guam	60	21,555	1,762	1,672	336	42,111	67,436
Department of Parks & Recreation	18	33,349	1,448	17,151	4,223	6,444	62,615
Department of Public Works	11	33,903	772	1,868	614	7,281	44,438
Department of Chamorro Affairs	7	6,951	7,065	-	-	-	14,016
Guam Police Department	8	8,912	1,051	-	-	-	9,963
Guam Fire Department	11	5,021	1,605	-	-	-	6,626
Department of Public Health & Social Services	8	3,618	1,323	261	-	-	5,202
University of Guam	44	4,755	-	-	-	-	4,755
Department of Military Affairs/GUARNG	1	4,722	-	-	-	-	4,722
Department of Agriculture	6	2,021	1,435	-	-	-	3,456
Office of Technology	1	94	156	730	1,620	-	2,601
Office of Civil Defense	2	855	728	-	-	-	1,583
Guam Police Department	1	294	770	324	-	133	1,522
Department of Youth Affairs	3	1,480	29	-	-	-	1,508
Guam Solid Waste Authority	2	1,468	-	-	-	-	1,468
Division of Senior Citizens, DPH&SS	2	361	193	237	114	-	905
Guam Veterans Affairs Office	2	157	187	108	110	91	653
Guam Energy Office	1	562	-	-	-	-	562
Guam Public Library	6	312	174	-	-	-	485
Department of Administration	1	433	-	-	-	-	433
Department of Mental Health	2	412	-	-	-	-	412
Merizo Mayor	1	130	106	54	68	51	409
Department of Customs & Quarantine	1	361	28	-	-	-	389
Judiciary of Guam	1	55	-	-	-	-	55
Vietnam Veteran of America	1	43	-	-	-	-	43
Department of Mental Health and Substance	1	25	-	-	-	-	25
Total Line Agencies	**263**	**$ 495,956**	**$ 259,332**	**$ 311,687**	**$ 190,975**	**$ 56,112**	**$ 1,314,061**
		37.74%	**19.74%**	**23.72%**	**14.53%**	**4.27%**	**100.00%**
Total as of May 31, 2020 (Active)	**315**	**$ 802,016**	**$ 300,184**	**$ 321,824**	**$ 200,422**	**$ 304,158**	**$ 1,928,605**
		41.59%	**15.56%**	**16.69%**	**10.39%**	**15.77%**	**100.00%**
Total as of September 30, 2019	**156**	**$ 573,245**	**$ 177,040**	**$ 36,359**	**$ 13,784**	**$ 390,725**	**$ 1,191,152**
	102%	**40%**	**70%**	**785%**	**1354%**	**-22%**	**62%**

GUAM WATERWORKS AUTHORITY
Accounts Receivable Aging Summary by Rate Class **SCHEDULE H**
As of May 31, 2020

		AGING						
Rate Class	**No. of Accounts**	**Current**	**31 - 60 days**	**61 - 90 days**	**91 - 120 days**	**Over 120 days**	**Total**	
Government	437	$ 2,817,922	$ 361,159	$ 311,108	$ 200,702	$ 411,315	$ 4,102,207	19%
Agriculture	386	46,690	9,212	4,558	2,415	56,718	119,593	1%
Commercial I	2665	1,408,931	81,349	51,682	31,137	342,078	1,915,177	9%
Commercial II	25	214,384	822	2,228	1,763	253,760	472,957	2%
Commercial III	302	550,739	51,774	90,955	79,395	255,497	1,028,360	5%
Golf Course	16	4,963	273	200	-	-	5,437	0%
Hotel	57	1,867,312	341,105	206,188	51,905	231,705	2,698,216	12%
Irrigation	33	6,148	662	233	266	3,419	10,728	0%
Residential	48,940	4,554,518	981,827	631,744	444,861	4,953,095	11,566,045	53%
Total	**52,861**	**11,471,608**	**1,828,184**	**1,298,895**	**812,446**	**6,507,587**	**21,918,719**	**100%**
		52%	**8%**	**6%**	**4%**	**30%**	**100%**	

Less Allowance for Doubtful Accounts:	(7,372,895)
Net Accounts Receivable:	**14,545,826**

Days Receivables Outstanding	50

GUAM WATERWORKS AUTHORITY
Accounts Payable Aging
As of May 31, 2020

SCHEDULE I

AGING					
Current	31 - 60 Days	61 - 90 Days	91 - 120 Days	> 120 Days	**Total**
$ 2,934,384.83	$ 67,049.79	$ 43,840.47	$ 20,706.09	$ 236,163.06	**$ 3,302,144.24**
89%	2%	1%	1%	7%	**100%**

Days Payable Outstanding	36

Guam Waterworks Authority **SCHEDULE J**
System Development Charges Project Status
As of May 31, 2020

Funding Summary

Total available project funds	$	12,801,834
Total project expenditures and encumbrances		10,217,522
Total unobligated project funds	**$**	**2,584,312**

Projects Funded

Project Description	Expenditures	Outstanding Encumbrances	Expenditures and Encumbrances
Agat-Santa Rita Wastewater Treatment Plant Replacement	1,166,075	35,931	1,202,006
Baza Gardens Wastewater Cross Island Pumping & Conveyance	1,150,881	3,090	1,153,971
Central Guam Reservoirs	-	280,040	280,040
Line Replacement Phase IV	-	256,937	256,937
Northern DWWTP	13,798	5,408,801	5,422,599
Northern DWWTP (Land Purchase)	1,000,000	-	1,000,000
Route 4 Relief Sewerline Rehab & Replacement	-	399,869	399,869
South Paulino Heights Waterline Upgrade	84,056	4,714	88,770
Talofofo Sewer Improvement	-	241,142	241,142
Umatac Merizo WWTP	-	42,783	42,783
Groundwater Well Production Meter Rep.	-	129,405	129,405
	$ 3,414,811	**$ 6,802,711**	**$ 10,217,522**

Future planned projects	FY2020
Water Wells	540,000
Water Dist Sys Pipe Replacement & Upgrades	540,000
WWTP Priority 1 Upgrades	300,000
Umatac Merizo STP Replacement	300,000
Wastewater Sewer System Expansion	300,000
	$ 1,980,000

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GUAM WATERWORKS AUTHORITY
WATER DEMAND BY RATE CLASS BY METER SIZE
FY2015 - FY2020

SCHEDULE K

CLASS		AUDITED FY2015 TOTAL CONSUMPTION (kGal)	FY2016 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	FY2017 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	FY2018 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	FY2019 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	UNAUDITED (8 Mos Annualized) TOTAL CONSUMPTION (kGal)
R	Residential	3,415,662	3,429,689	0%	3,206,811	-6%	3,313,613	3%	3,359,905	1%	3,506,417
C	Commercial	1,020,089	1,022,890	0%	964,639	-6%	910,905	-6%	906,192	-1%	874,643
F	Federal	1,168	1,180	1%	2,508	113%	1,813	-28%	1,602	-12%	1,332
G	Government	515,974	475,366	-8%	448,430	-6%	450,165	0%	405,980	-10%	387,797
H	Hotel	999,116	1,008,087	1%	1,004,525	0%	989,723	-1%	1,079,919	9%	913,873
G	Golf	6,850	6,770	-1%	5,252	-22%	2,741	-48%	2,793	2%	6,837
A	Agriculture	67,376	78,628	17%	69,482	-12%	81,127	17%	90,803	12%	82,246
I	Irrigation	10,385	11,351	9%	10,143	-11%	8,504	-16%	7,896	-7%	7,761
	GRAND TOTAL	6,036,620	6,033,960	0%	5,711,790	-5%	5,758,590	1%	5,855,091	2%	5,780,906

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Doc. No. 35GL-20-1920.*

GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Issues for Decision

Resolution No. 28-FY2020
Relative to Approval of Amendment for the Indefinite Delivery/Indefinite Quantity (IDIQ) Professional Project/Construction Management Services Contract

What is the project's objective and is it necessary and urgent?
GWA currently has an IDIQ contract with Brown and Caldwell. The task to prepare a Consulting Engineer's Report (CER) as required in GWA's pursuit of a Bond issuance to fund numerous water and wastewater system improvements has been finalized and the IDIQ was amended according to Resolution No. 21-FY2020. Resolution No. 21-FY2020 included a contingency for the PUC-required Cost of Service / Rate Design Study (COS/RDS) that was not included in the total contract amount.

At this time, continuing work on three on-going tasks under the IDIQ will extend beyond the current Task Order completion date. These projects have been delayed due to a number of factors including, right-of-way acquisition, wetland delineation and permits, construction constraints, reduction in working hours per DPW permit requirements, and numerous existing buried utilities interfering with trenching activities. Hence, the Task Orders must be amended and an accompanying amendment to the IDIQ contract is required.

In addition, GWA is moving forward with the second phase of the Rt.1 Sewer Rehabilitation project from Adelup to Hagatna and plans to continue using project and construction management services under the IDIQ for this phase. This additional scope of work must be added to the Task Order for Rt.1 by Change Order following authorization by this Resolution.

The three Task Orders are for project and contract management for the Rt.4 Relief Sewer Rehabilitation project (TO#2), the Rt.1 Sewer Rehabilitation project (TO#3), and the SSES Phase 2 project (TO#4). All three of these efforts are necessary and critical to complete sewer improvements serving three areas.

Where is the location?
The amendment is associated with water and wastewater system improvements on Rt.4 in Hagatna, Rt.1 between Asan and Adelup, and at the Hyundai Subdivision in Santa Rita.

How much will it cost?
The current authorized contract amount is $1,294,485.00, which includes:

- Task Order 1 for the CER ($274,555.00, as amended, bond-funded)
- Task Order 2 for the Route 4 Sewer Rehabilitation Project ($148,348, USEPA grant-funded)
- Task Order 3 for the Route 1 Asan-Adelup Sewer Rehabilitation Project Phase 1 ($209,780, USEPA grant-funded)

- Task Order 4 for the Southern SSES Sewer Project ($181,924, USEPA grant-funded)
- Anticipated task order to complete the COS/RDS ($458,420.00)

It is the intent that this resolution would approve increasing the total contract amount to $1,742,860.00 for:

- Additional work on the Rt.4 Task Order for an additional $48,959.00
- Additional work on the Rt.1 Task Order for an additional $266,270.00
- Additional work on the SSES Task Order for an additional $87,304.00
- Addition of the $45,842.00 contingency (approved in 21-FY2020 resolution for the COS/RDS) to the total contract amount.

The resolution approval also would authorize GWA management to execute change orders as needed up to the maximum authorized contract amount.

When will it be completed?
The CER is complete. The COS/RDS will be completed prior to March 31, 2021.
The Rt.4 project completion date is anticipated to be September 30, 2020, with the intersection of Rt. 4 and East O'Brien Drive anticipated to be open by the end of July 2020.
The Rt.1 project completion date is anticipated to be December 31, 2021.
The SSES project completion date is anticipated to be December 31, 2020.

What is the funding source?
The funding source for the Rt.4, Rt.1, and SSES projects is EPA SRF grant funds.

The RFP/BID responses (if applicable):
N/A

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

GWA RESOLUTION NO. 28-FY2020

RELATIVE TO APPROVAL OF AMENDMENT FOR THE INDEFINITE DELIVERY/INDEFINITE QUANTITY PROFESSIONAL PROJECT/CONSTRUCTION MANAGEMENT SERVICES CONTRACT

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual, and policy matters relative to the Guam Waterworks Authority ("GWA"); and

WHEREAS, the Guam Waterworks Authority ("GWA") is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA awarded an Indefinite Delivery – Indefinite Quantity (ID-IQ) contract to Brown and Caldwell for Project Management /Construction Management services in the initial maximum amount of Seven Hundred Fifty Thousand Dollars ($750,000.00) and has issued four (4) Task Orders (TOs) for TO-1 Consulting Engineers Report (CER); TO-2 Rt.4 Relief Sewer project; TO-3 Rt.1 Sewer Rehabilitation project; and TO-4 Southern SSES Sewer Project; and

WHEREAS, GWA's Indefinite Delivery – Indefinite Quantity (ID-IQ) contract to Brown and Caldwell for Project Management /Construction Management services has been amended per GWA Resolution No. 21-FY2020 in the amount of Five Hundred Forty-Four Thousand Four Hundred Eighty-Five Dollars ($544,485.00) for additional work for the CER under TO-1 and for a pending TO-5 for the PUC-required Cost of Service / Rate Design Study (COS/RDS), which did not include the approved contingency amount of Forty-Five Thousand Eight Hundred Forty-Two Dollars ($45,842.00) for the COS/RDS only; and

//

WHEREAS, GWA, is managing several EPA SRF grant funded projects including the Rt.4 Relief Sewer Rehabilitation Project (TO-2), the Rt.1 Sewer Rehabilitation Project (TO-3), and the SSES Phase 2 project (TO-4); and

WHEREAS, due to the delays in construction of each of these projects and the increase in the scope of work for Phase 2 of the Rt.1 Sewer Rehabilitation Project, additional effort is needed for services under three Task Order scopes of work authorized under this IDIQ; and

WHEREAS, management seeks CCU approval to extend Task Orders 2, 3, and 4 issued to Brown and Caldwell under this IDIQ and increase funding accordingly to 1) Complete the Rt. 4 Relief Sewer Rehabilitation Project as provided for in the original Task Order 2 and as amended under its Amendment #1; 2) Complete the Rt.1 Sewer Rehabilitation Project as provided for in the original Task Order 3 and as amended under its Amendment #1; 3) Complete the SSES phase 2 Project as provided for in the original Task Order 4 and as amended under its Amendment #1; and

WHEREAS, the total amount of the Task Order 2 Amendment 1 equals Forty-Eight Thousand Nine Hundred Fifty-Nine Dollars ($48,959.00) (See Exhibit A) and Task Order 3 Amendment 1 equals Two Hundred Sixty-Six Thousand Two Hundred Seventy Dollars ($266,270.00) (See Exhibit B) and Task Order 4 Amendment 1 equals Eighty-Seven Thousand Three Hundred Four Dollars ($87,304.00) (See Exhibit C) and the previously-approved contingency amount for the anticipated task order to complete the COS/RDS is Forty-Five Thousand Eight Hundred Forty-Two Dollars ($45,842.00) for a total of Four Hundred Forty-Eight Thousand Three Hundred Seventy-Five Dollars ($448,375.00); and

WHEREAS, Amendment #2 to the IDIQ is necessary to increase the maximum contract amount to enable execution of the Task Order 2 Amendment 1, Task Order 3 Amendment 1, and Task Order 4 Amendment 1 and the COS/RDS, the total amount of increase being Four Hundred Forty-Eight Thousand Three Hundred Seventy-Five Dollars ($448,375.00), for a new total contract amount of One Million Seven Hundred Forty-Two Thousand Eight Hundred Sixty Dollars ($1,742,860.00); and

WHEREAS, funding for the EPA projects will be from EPA SRF grant funds applicable to the project.

NOW BE IT THEREFORE RESOLVED, that the Consolidated Commission on Utilities does hereby approve the following:

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU finds that the CER is required as part of GWA's pursuit of Bond measure to fund numerous system water and wastewater system improvements, and COS/RDS is required by the PUC's Docket 19-8 Ordering Provision 7.
3. The CCU hereby approves the funding increase for additional project and contract support services for the current Rt.4, Rt.1, and SSES phase 2 sewer projects and the COS/RDS contingency in the amount of Four Hundred Forty-Eight Thousand Three Hundred Seventy-Five Dollars ($448,375.00).
4. The CCU hereby further approves the total funding authorization for the IDIQ contract with Brown and Caldwell to an amount of One Million Seven Hundred Forty-Two Thousand Eight Hundred Sixty Dollars ($1,742,860.00).
5. The CCU hereby further approves management to pursue notification to the PUC for a contract exceeding One Million Dollars ($1,000,000.00), with the bond-funded portion of the contract totaling less than One Million Dollars ($1,000,000.00) and the remainder of the contract funded by USEPA grants.

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

DULY AND REGULARLY ADOPTED, this 23rd day of June, 2020.

Certified by:

_____

JOSEPH T. DUENAS
Chairperson

Attested by:

_____

MICHAEL T. LIMTIACO
Secretary

//

SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the 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: _____

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Exhibit A

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services – Task Order Edition** dated June 27, 2019.

Amendment No. 1 To Task Order No. 2

1. Background Data:

a. Effective Date of Task Order: January 22, 2020

b. Owner: Guam Waterworks Authority

c. Engineer: Brown and Caldwell

d. Specific Project: Project/Contract Management for Route 4 Sewer Line Rehabilitation and Replacement (SRF Grant Project)

2. Description of Modifications

a. The original Task Order included Engineering Services to manage the project and its two construction contracts for the on-going Rt.4 Sewer Line rehabilitation and Replacement construction project through close-out. Because construction has advanced slower than expected and because of difficulties encountered during construction that warranted contract performance time extensions for both contracts, an extension to this Task Order to continue project and contract management to complete the two active construction contracts is necessary. This Amendment will extend the Engineering Services to align with the current construction completion schedule. All Tasks described in the original Task Order remain in effect and are extended under this Amendment No.1 to Task Order No.2 through September 30, 2020.
Lump Sum amounts apply through construction completion, as determined by completion of all punch list work under the two contracts being managed through this Task Order. After construction is complete, work will be billed on a Time and Materials basis using the rates provided in the attached fee proposal.

b. The Schedule for Rendering services under this Task Order is modified as follows:

Party	Action	Original Schedule Date	Revised Completion Date
Engineer	**Task 1 – Task Management**	**July 18, 2020**	**September 30, 2020**
Engineer	**Task 2 – Project/Contract Management**	**July 18, 2020**	**September 30, 2020**

c. For the Additional Services set forth above, Owner shall pay Engineer the following additional compensation:

Description of Service	Additional	Basis of

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	Amount	Compensation
1. Basic Services during Construction		
a. Task 1 – Task Management	$3,572	Lump Sum
b. Task 2 – Project Management	$6,998	Lump Sum
c. Task 2 – Contract Management	$17,360	Lump Sum
d. Expenses	$275	Lump Sum
e. GRT	$1,484	Lump Sum
Lump Sum Total	$29,689	
2. Basic Services during Close-out		
a. Task 1 – Task Management	$2,156	T&M
b. Task 2 – Project Management	$4,630	T&M
c. Task 2 – Contract Management	$11,520	T&M
d. GRT	$963	
Time and Materials Total	$19,269	
TOTAL ADDITIONAL COMPENSATION (lines 1.a-e and 2.a-d)	**$48,959**	

3. Task Order Summary (Reference only)

a.	Original Task Order amount:	$148,348
b.	Net change for prior amendments:	$0
c.	This amendment amount:	$48,959
d.	Adjusted Task Order amount:	$197,307

The foregoing Task Order Summary is for reference only and does not alter the terms of the Task Order, including those set forth in Exhibit C.

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Owner and Engineer hereby agree to modify the above-referenced Task Order as set forth in this Amendment. All provisions of the Agreement and Task Order not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is May 7, 2020.

OWNER:		ENGINEER:	
By:		By:	
Title:		Title:	Senior Vice President
Date Signed:		Date Signed:	May 7, 2020

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Exhibit B

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services – Task Order Edition** dated June 27, 2019.

Amendment No. 1 To Task Order No. 3

1. Background Data:

a. Effective Date of Task Order: January 22, 2020

b. Owner: Guam Waterworks Authority

c. Engineer: Brown and Caldwell

d. Specific Project: Project/Contract Management for Asan-Adelup-Hagatna, Route 1 Sewer Line Rehabilitation and Replacement (SRF Grant Project)

2. Description of Modifications

a. The original Task Order included Engineering Services to progress the Adelup to Hagatna section of sewer rehabilitation (phase 2) through the re-design and bidding stages to award a construction contract. This Amendment will expand and extend the Engineering Services for Adelup to Hagatna - to include Project Management services throughout the construction phase of the Adelup to Hagatna section of sewer rehabilitation under a new Task #4 and include extending services under Task 1 – Task Management. This Task Order also extends the duration of work under Task 2 – Project/Contract Management-Asan to Adelup – to align with the current construction completion schedule.

b. The Engineer shall perform the following additional services:

1. Extend the Duration of Task 1: Management Services to provide additional time and effort to complete the project. The extended project duration is through December 31, 2021.
2. Extend the duration of Task 2: Project/Contract Management to provide additional time and effort to continue the active construction work on the Asan to Adelup sewer rehabilitation contract through the anticipated construction completion - October 1, 2020.
3. Extend the duration of Task 3: Contracting Assistance to provide additional time to complete the task up to the contract advertisement anticipated to be by December 30, 2020 for the Adelup to Hagatna segment.
4. **Add Task 4** to provide Project/Contract Management Services for the Adelup to Hagatna segment of sewer rehabilitation (phase 2) to be constructed under a new GWA contract. It is anticipated that the duration of Task 4 will continue through December 2021. Task 4 Services will include:
   A. The Engineer will manage the project and its contracts for the Phase 2 Adelup-Hagatna segment of the Asan-Adelup-Hagatna, Route 1 Sewer Line Rehabilitation and Replacement construction project through closeout. The Engineer will provide project management oversight and technical subject matter expertise for the subject project including GWA's Phase 2 construction management consultant, the construction contractor, and GWA's contract with HDR for engineering support services during construction. The Engineer will

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handle consultant and contractor payment requests and substantiate documentation for pay requests. The Engineer will perform contract management, monitor contractor work plans, review cost breakdowns and schedules of values, attend meetings with USEPA, verify as-built drawings are being prepared by others, and submit final copies of work products to GWA and USEPA. The Engineer will perform Change Order management and provide advance notification of change conditions and budget category transfer request to USEPA and seek USEPA approvals. The Engineer will assist GWA in issuing a letter at the close of the project certifying that the project meets or does not meet project performance standards. Corrective action reports and cost estimates for corrective action will be prepared, along with a schedule for corrective action. The Engineer will assist GWA in meeting Federal cost-cutting requirements and conformance compliance with Federal regulations. The Engineer will help GWA obtain correct Davis Bacon prevailing wages determinations and assist in monitoring for Davis Bacon compliance, as requested by GWA.

B. Work to be performed:
- Control cost and manage the construction budget, and the CM budget
- Facilitate project team cooperation and input
- Maintain project files
- Review invoices and recommend payment, verify quantities
- Manage contractor contracts
- Manage construction manager contract
- Monitor Progress schedules
- Perform random periodic site visits on an as-needed basis
- Track RFI's, RFP's, FO's, change orders, shop drawings and other submittals
- Conduct claims analysis and claims resolution
- Determine substantial completion and prepare list of incomplete or unsatisfactory items and a schedule for their completion
- Ensure appropriate level of communication and public outreach
- Deliver all project files to GWA digitally archived and one hard copy of relevant documents
- Deliver as-built record drawings to GWA

c. The Schedule for Rendering services under this Task Order is modified as follows:

Party	**Action**	**Original Schedule Date**	**Revised Completion Date**
Engineer	**Task 1 – Task Management**	**July 18, 2020**	**December 30, 2021**
Engineer	**Task 2 – Project/Contract Management – Asan to Adelup**	**July 18, 2020**	**October 1, 2020**
Engineer	**Task 3 – Contracting Assistance – Adelup to Hagatna**	**July 18, 2020**	**December 30, 2020**
Engineer	**Task 4 – Project/Contract Management (Phase 2) –**		**December 30, 2021**

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	Adelup to Hagatna		

d. For the Additional Services set forth above, Owner shall pay Engineer the following additional compensation:

Description of Service	**Additional Amount**	**Basis of Compensation**
1. Basic Services		
a. Task 1 – Task Management	$22,302	Lump Sum
b. Task 2 – Project Management – Asan to Adelup	$16,364	Lump Sum
c. Task 2 – Contract/Contruction Management – Adelup to Hagatna	$30,736	Lump Sum
d. Task 3 – Contracting Assistance – Adelup to Hagatna	$0	*No change*
e. Task 4 – Project/Contract Management – Adelup to Hagatna (phase 2)	$183,328	Lump Sum
f. Expenses	$227	Lump Sum
g. GRT	$13,313	Lump Sum
TOTAL ADDITIONAL COMPENSATION (lines 1.a-g)	**$266,270**	

3. Task Order Summary (Reference only)

a.	Original Task Order amount:	$209,780
b.	Net change for prior amendments:	$0
c.	This amendment amount:	$266,270
d.	Adjusted Task Order amount:	$476,050

The foregoing Task Order Summary is for reference only and does not alter the terms of the Task Order, including those set forth in Exhibit C.

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Owner and Engineer hereby agree to modify the above-referenced Task Order as set forth in this Amendment. All provisions of the Agreement and Task Order not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is March 20, 2020.

OWNER:		ENGINEER:	
By:	_____	By:	_____
Title:	_____	Title:	_____
Date Signed:	_____	Date Signed:	_____

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Exhibit C

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services – Task Order Edition** dated June 27, 2019.

Amendment No. 1 To Task Order No. 4

1. Background Data:

a. Effective Date of Task Order: January 22, 2020

b. Owner: Guam Waterworks Authority

c. Engineer: Brown and Caldwell

d. Specific Project: Project/Contract Management for Southern SSES Rehabilitation – Phase 2 (Baza Gardens-Santa Rita-Talofofo) (SRF Grant Project)

2. Description of Modifications

a. The original Task Order included Engineering Services to manage the project and construction of the Hyundai Subdivision lift station for the on-going Southern SSES Rehabilitation – Phase 2 (Baza Gardens-Santa Rita-Talofofo) construction project through close-out. Design and subsequent construction is far behind schedule and has caused a delay in the progress of the project. In addition, GWA has requested that BC arrange for the archaeological monitoring plan and field monitoring for the lift station and force main construction. For these reasons, this Amendment No. 1 to Task Order No.4 extends the completion date of the Task Order to continue project and contract management to complete the active construction contract and increases the scope of work to include archaeological services. If an archaeological discovery is made during construction that requires specialized recovery or documentation, these services are not included in 1.d in table below but will be added by future Change Order reflecting actual work done at a daily rate of $1,320 plus tax. This Amendment No.1 will extend the Engineering Services to align with the current estimated construction schedule. All Tasks described in the original Task Order remain in effect and are extended under this Amendment No.1 to Task Order No.2 through December 31, 2020.

b. The Schedule for Rendering services under this Task Order is modified as follows:

Party	Action	Original Schedule Date	Revised Completion Date
Engineer	Task 1 – Task Management	July 18, 2020	December 31, 2020
Engineer	Task 2 – Project/Contract Management/Archaeological Monitoring	July 18, 2020	December 31, 2020

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c. For the Additional Services set forth above, Owner shall pay Engineer the following additional compensation:

Description of Service	Additional Amount	Basis of Compensation
1. Basic Services		
a. Task 1 – Task Management	$7,024	Lump Sum
b. Task 2 – Project Management	$22,328	Lump Sum
c. Task 2 – Contract Management	$39,776	Lump Sum
d. Task 2 - Archaeological Monitoring	$12,601	
e. Expenses	$1,210	Lump Sum
f. GRT	$4,365	Lump Sum
TOTAL ADDITIONAL COMPENSATION (lines 1.a-f)	**$87,304**	

3. Task Order Summary (Reference only)

a.	Original Task Order amount:	$181,924
b.	Net change for prior amendments:	$0
c.	This amendment amount:	$87,304
d.	Adjusted Task Order amount:	$269,228

The foregoing Task Order Summary is for reference only and does not alter the terms of the Task Order, including those set forth in Exhibit C.

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Owner and Engineer hereby agree to modify the above-referenced Task Order as set forth in this Amendment. All provisions of the Agreement and Task Order not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is May 28, 2020.

OWNER:		ENGINEER:	
By:		By:	Raymond M. Matasci
Title:		Title:	Senior Vice President
Date Signed:		Date Signed:	May 21, 2020

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Guam Waterworks Authority
PM/CM IDIQ

Hyundai Subdivision Lift Station Project Management and Contract Management

Assumptions:
Extended duration to December 31, 2020

1. Task Management

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
General task management	4	6	2					4		20	36	$4,940	$1,210		$6,150
Weekly meeting with GWA	2		2							12	16	$2,084			$2,084
Totals	6	6	4	0	0	0	0	4	0	32	52	$7,024	$1,210	$0	$8,234
	$ 1,656	$ 960	$ 1,144	$ -	$ -	$ -	$ -	$ 704	$ -	$ 2,560				Tax:	$433
	20.1%	11.7%	13.9%	0.0%	0.0%	0.0%	0.0%	8.5%	0.0%	31.1%				Grand Total:	$8,667

Avg labor $135 /hr

2. Project Management

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
Coordination with GWA/EPA	24	30								8	62	$12,064			$12,064
Schedule Management and Documentation	14	40									54	$10,264			$10,264
QA/QC Review of deliverables	0	0								0	0	$0			$0
Totals	38	70	0	0	0	0	0	0	0	8	116	$22,328	$0	$0	$22,328
	$ 10,488	$ 11,200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 640				Tax:	$1,175
	47.0%	50.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%				Grand Total	$23,503

Avg labor $192 /hr

3. Contract and Construction Management

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
Coordination with Contractor	16	24									40	$8,256			$8,256
Management of Contract matters (change orders, payments, etc)	16	48								0	64	$12,096			$12,096
Field Inspection	24	80									104	$19,424			$19,424
Archaeological Monitoring														$11,455	$12,601 * Includes 10% BC mark-u
Totals	56	152	0	0	0	0	0	0	0	0	208	$39,776	$0	$11,455	$52,377
	$ 15,456	$ 24,320	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -				Tax:	$2,757
	38.9%	61.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				Grand Total	$55,133

Avg labor $191 /hr

4. Expenses

Expense Description	Units	Unit Amount	Quantity	Extension
Airfare - Mainland	roundtrip	$3,000		$0
Rental car	day	$75		$0
Per diem	person-day	$250		$0
Mileage	mile	$0.550	2200	$1,210
Total expenses				$1,210

Total Task Order

Doc. No. 35GL-20-1920. *

CCU Regular Meeting June 23, 2020 - GWA

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
1. Task Management	6	6	4	0	0	0	0	4	0	32	52	$7,024	$1,210	$0	$8,234
2. Project Management	38	70	0	0	0	0	0	0	0	8	116	$22,328	$0	$0	$22,328
3. Contract and Constrtuction Management	56	152	0	0	0	0	0	0	0	0	208	$39,776	$0	$12,601	$52,377
4. Expenses															
Totals	100	228	4	0	0	0	0	4	0	40	376	$69,128	$1,210	$0	$82,939
	$27,600	$36,480	$1,144	$0	$0	$0	$0	$704	$0	$3,200				Tax:	$4,365
	39.2%	51.9%	1.6%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	4.5%				Grand Total::	$87,304

Avg labor $184 /hr

GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Issues for Decision

Resolution No. 29-FY2020
Relative to Approving the Guam Waterworks Authority's "2020-2024 Capital Improvements Plan (CIP) Supplement"

What is the project's objective and is it necessary and urgent?
The objective of "2020-2024 Capital Improvements Plan (CIP) Supplement" is to present to the CCU the updated funding allotments within the CIP given GWA was able to obtain additional 2020 bond proceeds in the amount of Fourteen Million Six Hundred Sixty-Four Thousand Two Hundred Sixty-Eight Dollars and Sixty-Five Cents ($14,664,268.65). The additional funding was spread in various CIP line items that are intended to address non-revenue water loss, reduction in sanitary sewer overflows, remaining USEPA Court Order project, projects that address pending USEPA consent decree requirements and general GWA facility improvements.

Where is the location?
The additional funding allotments are intended for water and wastewater projects throughout the island.

How much will it cost?
The additional funding allotments Fourteen Million Six Hundred Sixty-Four Thousand Two Hundred Sixty-Eight Dollars and Sixty-Five Cents ($14,664,268.65).

When will it be completed?
N/A

What is the funding source?
2020A Bond Series

The RFP/BID responses (if applicable):
Not Applicable

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

RESOLUTION NO. 29-FY2020

RELATIVE TO APPROVING THE GUAM WATERWORKS AUTHORITY'S "2020-2024 CAPITAL IMPROVEMENT PLAN (CIP) SUPPLEMENT"

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority ("GWA"); and

WHEREAS, the Guam Waterworks Authority ("GWA") is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, the CCU previously approved via Resolution No. 20-FY2019 the 2020-2024 Capital Improvements Plan ("CIP"), which planned capital projects with expenditures coming from the 2020 bond issuance in the amount of One Hundred Eight Million Nine Hundred Twenty-Six Thousand Dollars ($108,926,000.00); and

WHEREAS, the petition to the Public Utilities Commission also reflected a 2020 Bond funding plan of One Hundred Eight Million Nine Hundred Twenty-Six Thousand Dollars ($108,926,000.00); and

WHEREAS, on June 4, 2020 GWA closed on the 2020A bond issuance that provided net proceeds for construction funds to the capital improvement projects in the amount of One Hundred Twenty-Three Million Five Hundred Ninety Thousand Two Hundred Sixty-Eight Dollars and Sixty Five Cents ($123,590,268.65) which is an additional Fourteen Million Six Hundred Sixty-Four Thousand Two Hundred Sixty-Eight Dollars and Sixty-Five Cents ($14,664,268.65) above what was planned to acquire for the construction funds from the 2015 Bond proceeds; and

WHEREAS, due to the additional 2020A bond proceeds that GWA was able to acquire, the 2020-2024 CIP as previously approved does not reflect this fact and as such GWA management requests approval by the CCU relative to the distribution of the additional proceeds within the CIP; and

WHEREAS, the "Series 2020A Bond Supplement" (see Exhibit A) maintains the same capital line items as the previously approved 2020-2024 CIP, however the changes to the CIP line items are as follows 1) some of the additional 2020A Bond proceeds realized were used where planned Internally Funded CIP (IFCIP) allotments were identified given that GWA revenues are anticipated to drop due to economic challenges from the recent global pandemic and 2) some CIP line items with 2020 allotments received additional funding; and

WHEREAS, the CIP line items that experienced fund allotment changes to the 2020A bond proceeds are as follows:

- MP-Gen-Misc-01 "GWA Systems Planning": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address water and wastewater system capital improvements;
- MP-Gen-Misc-03 "Surveying and Property Delineation": $250,000 of 2020A proceeds were added to the CIP line item to address property ownership where GWA facilities exist as a means to validate GWA asset value;
- MP-Gen-Misc-04 "Information Technology Improvements": $1,250,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address GWA Information Technology hardware and software needs to improve service to customers;
- MP-Gen-Misc-05 "GWA Infrastructure Improvements": $2,000,000 of 2020A proceeds were added to the CIP line item to address structural and functional improvements are various GWA facilities;
- MP-Gen-Misc-06 "GPWA Fleet Maintenance Facility": $500,000 of 2020A proceeds were added to the CIP line item to address structural and functional improvements at GWA's heavy equipment repair facility;

- MP-Gen-Misc-09 "Security and Resilience Program": $100,000 of 2020A proceeds were added to the CIP line item to address security improvements for GWA asset and facilities;
- PW 05-06 "Water Booster Pump Station": $200,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address service reliability to area's served by a BPS.
- PW 05-09 "Leak Detection": $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address non-revenue water loss.
- PW 05-10 "Potable Water System Planning": $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address design services for the water system;
- PW 09-01 "Ugum Water Treatment Plant Intake": $200,000 of 2020A proceeds were added to the CIP line item and $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address the intake structure improvements within the river;
- PW 09-02 "Water Wells": $500,000 of 2020A proceeds were added to the CIP line item to address source water improvements;
- PW 09-11 "Water System Reservoirs 2005 Improvements": $900,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address court order projects related to GWA's reservoirs.
- MP-PW-Pipe-13 "2-Inch Pipe Replacement Program": $800,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address old 2-Inch diameter galvanized pipe prone to leaks;
- MP-PW-Pipe-15 "PRV Rehab and Replacement": $550,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to improve pressure zone management as one of the means of reducing water loss;
- MP-PW-BPS-01 "Rehabilitate and Replace BPSs": $200,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to service reliability to area's served by a BPS.
- MP-PW-SWTP-01 "Ugum SWTP Intake Cleaning Project": $380,000 of 2020A proceeds were added to the CIP line address the intake structure improvements within the river;

- MP-PW-SWTP-02 "Ugum SWTP Intake Modifications": $174,000 of 2020A proceeds were added to the CIP line address the intake structure improvements within the river;
- MP-PW-SWTP-03 "Ugum SWTP Reliability Improvements": $150,000 of 2020A proceeds were added to the CIP line address the overall plant improvements;
- MP-PW-Well-01 "Well Rehabilitation Program": $1,900,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address source water improvements;
- MP-PW-Well-03 "Capacity Enhancement – Well Exploration Program": $500,000 of 2020A proceeds were added to the CIP line address source water improvements;
- MP-PW-Well-05 "Wellhead Protection Program": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address source water protection measures;
- MP-PW-Well-06 "Well Repair Program": $500,000 of 2020A proceeds were added to the CIP line item and $200,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address service reliability of GWA's production wells:
- MP-PW-Misc-01 "South Guam Water Supply Study": $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address source water reliability for the villages of Umatac and Merizo;
- MP-PW-Misc-04 "OneGuam Program": $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address future grow needs related to DoD expansion.
- MP-PW-Misc-05 "Leak Detection Assistance": $150,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address non-revenue water loss;
- WW 09-01 "Lift station upgrades": $800,000 of 2020A proceeds were added to the CIP line item and $250,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station and force main improvements required under the pending USEPA Consent Decree;

- WW 09-01 “Wastewater Collection System Repl/ Rehabilitation”: $250,000 of 2020A proceeds were added to the CIP line item and $1,050,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system improvements required under the pending USEPA Consent Decree;
- MP-WW-Pipe-01 “Gravity Pipe Rehabilitation/Replacement Program”: $1,800,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system improvements required under the pending USEPA Consent Decree;
- MP-WW-Pipe-03 “Route 1 Piti Pipe Rehabilitation/Replacement”: $600,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system improvements required under the pending USEPA Consent Decree;
- MP-WW-Pipe-17 “Mamajanao Capacity Replacement”: $414,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station capacity improvements;
- MP-WW-FM-04 “Hagåtña WWTP Force Main Rehabilitation/Replacement”: $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address force main improvements required under the pending USEPA Consent Decree;
- MP-WW-Pump-01 “Lift Station Rehabilitation/Replacement Program”: $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station and force main improvements required under the pending USEPA Consent Decree;
- MP-WW-Pump-02 “Tumon Basin - Fujita Lift Station Analysis”: $600,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station and force main improvements required under the pending USEPA Consent Decree;
- MP-WW-WWTP-09 “Ocean Outfall Inspection Program”: $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address outfall pipe improvements needs;
- MP-WW-Misc-01B “Update Wastewater Collection System Model (Continued)”: $50,000 of 2020A proceeds were added in lieu of IFCIP

funding allotment to address collection system CIP planning needs associated with I&I reduction;

- MP-WW-Misc-02 "I/I and SSES Assessments": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address I&I reduction;
- MP-WW-Misc-03 "Miscellaneous Wastewater Improvements": $500,000 of 2020A proceeds were added to the CIP line item to address collection system design improvement requirements as well as CIP infrastructure upgrade;
- MP-WW-Misc-04 "Fats, Oils, and Grease Study": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system reliability and I&I reduction;

WHEREAS, the "2020-2024 CIP Supplement" shall serve as a bridging document until the annual CIP update occurs at the beginning of each fiscal year; and

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve and authorize the following:

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The 2020-2025 CIP Supplement attached as Exhibit A is incorporated into this resolution in its entirety.
3. The CCU approves the "2020-2024 CIP Supplement" in its entirety and concurs with the distribution of the additional funds acquired during the closing of the 2020 Bond issuance.
4. The CCU further authorizes GWA management to submit the "2020-2024 CIP Supplement" to the PUC for their records and petition the PUC's approval to begin using the 2020 bond proceeds.

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

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DULY AND REGULARLY ADOPTED AND APPROVED this 23rd day of June, 2020.

Certified by:

_____
JOSEPH T. DUENAS
Chairperson

Attested by:

_____
MICHAEL T. LIMTIACO
Secretary

SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the 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: _____

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EXHIBIT A - SERIES 2020A BONDS SUPPLEMENT

GWA Cat	Project #	Description	Series 2020A Funding Amount ($000) April 2019 (CCU) FY2019	FY2020	FY2021	FY2022	Series 2020A Funding Amount ($000) June 2020 FY2020	FY2021	FY2022
EE	EE 09-02	Electrical Upgrade - Water Wells		$ 90			$ 90		
EE	EE 09-04	Electrical Upgrade -Water Booster		$ 150			$ 150		
EE	EE 09-05	Electrical Upgrade - Other Water		$ 100			$ 100		
EE	EE 09-07	SCADA Improvements – Phase 2		$ 45			$ 45		
EE	EE 09-08	SCADA Improvements – Phase 3		$ 25			$ 25		
EE	MP-Gen-EE-01	SCADA Implementation Phase A2 – Initial Project Completion	$ 1,000	$ 1,000	$ 2,250		$ 2,000	$ 2,250	
MISC	MP-Gen-Misc-01	GWA Systems Planning	$ 500				**$ 550**		
MISC	MP-Gen-Misc-02B	WRMP Update (Interim Update)		$ 200			$ 200		
MISC	MP-Gen-Misc-03	Surveying and Property Delineation	$ 250				**$ 250**		
MISC	MP-Gen-Misc-04	Information Technology Improvements	$ 200	$ 200			**$ 1,650**		
MISC	MP-Gen-Misc-05	GWA Infrastructure Improvements	$ 500		$ 2,000		$ 500	**$ 2,000**	
MISC	MP-Gen-Misc-06	GPWA Fleet Maintenance Facility	$ 500				**$ 500**		
MISC	MP-Gen-Misc-07	Mobile Equipment Replacement Program	$ 400	$ 400			$ 800		
MISC	MP-Gen-Misc-08	General Plant Improvements	$ 500	$ 500			$ 1,000		
MISC	MP-Gen-Misc-09	Security and Resilience Program	$ 100	$ 100			**$ 200**		
PW	PW 05-06	Water Booster Pump Station			$ 500			**$ 700**	
PW	PW 05-09	Leak Detection						**$ 400**	
PW	PW 05-10	Potable Water System Planning						**$ 400**	
PW	PW 05-13	Deep Well Rehabilitation		$ 350			$ 350		
PW	PW 05-14	New Deep Wells at Down Hard		$ 500			$ 500		
PW	PW 05-15	Rehabilitation of Asan Springs		$ 550			$ 550		
PW	PW 09-01	Ugum Water Treatment Plant Intake	$ 200				**$ 200**	**$ 400**	
PW	PW 09-02	Water Wells					**$ 500**		
PW	PW 09-03	Water Distribution System Pipe Replacement and Upgrades		$ 500	$ 500	$ 1,250	$ 500	$ 500	$ 1,250
PW	PW 09-11	Water System Reservoirs 2005 Improvements	$ 17,000	$ 8,000			**$ 25,100**	**$ 800**	
PW	PW 11-02	Ugum Water Treatment Plant Reservoir	$ 7,500				$ 7,500		
PW	PW 12-06	Tank Replacement Piti & Hyundai	$ 6,500				$ 6,500		
PW	MP-PW-Pipe-04	Hyundai Well Piping	$ 500				$ 500		
PW	MP-PW-Pipe-05	Kaiser Zone Looping	$ 300				$ 300		
PW	MP-PW-Pipe-06	Mangilao Pressure Zone Realignment	$ 300				$ 300		
PW	MP-PW-Pipe-07	Mataguac BPS Suction Piping			$ 500			$ 500	
PW	MP-PW-Pipe-10	Miscellaneous Piping Projects		$ 100	$ 100		$ 100	$ 100	
PW	MP-PW-Pipe-11	Miscellaneous Piping Connections		$ 100	$ 100		$ 100	$ 100	
PW	MP-PW-Pipe-12	Rehabilitation and Replacement Program	$ 1,000		$ 1,000		$ 1,000	$ 1,000	
PW	MP-PW-Pipe-13	2-Inch Pipe Replacement Program	$ 1,550	$ 180	$ 800		**$ 2,230**	**$ 1,100**	
PW	MP-PW-Pipe-15	PRV Rehab and Replacement	$ 500		$ 1,000		**$ 750**	**$ 1,300**	
PW	MP-PW-Pipe-16	Valve Exercise, Repair, and Replacement Program		$ 250			$ 250		
PW	MP-PW-Pipe-17	Cross Island Highway Piping			$ 100			$ 100	
PW	MP-PW-Tank-22	Existing Tank Inspections	$ 150				$ 150		
PW	MP-PW-Tank-23	Recurring Tank Inspections		$ 200	$ 200		$ 200	$ 200	
PW	MP-PW-BPS-01	Rehabilitate and Replace BPSs	$ 209				**$ 309**	**$ 100**	
PW	MP-PW-BPS-02	Nimitz Hill Upper BPS	$ 48				$ 48		
PW	MP-PW-SWTP-01	Ugum SWTP Intake Cleaning Project	$ 380				**$ 380**		
PW	MP-PW-SWTP-02	Ugum SWTP Intake Modifications	$ 174	$ 1,000			**$ 1,174**		
PW	MP-PW-SWTP-03	Ugum SWTP Reliability Improvements	$ 150	$ 1,000			**$ 1,150**		
PW	MP-PW-Well-01	Well Rehabilitation Program		$ 200	$ 1,500		**$ 300**	**$ 3,300**	

EXHIBIT A - SERIES 2020A BONDS SUPPLEMENT

GWA Cat	Project #	Description	Series 2020A Funding Amount ($000) April 2019 (CCU) FY2019	FY2020	FY2021	FY2022	Series 2020A Funding Amount ($000) June 2020 FY2020	FY2021	FY2022
PW	MP-PW-Well-03	Capacity Enhancement – Well Exploration Program	$ 500				**$ 500**		
PW	MP-PW-Well-05	Wellhead Protection Program		$ 250			**$ 300**		
PW	MP-PW-Well-06	Well Repair Program	$ 500	$ 250	$ 250		**$ 950**	$ 250	
PW	MP-PW-Misc-01	South Guam Water Supply Study					**$ 100**		
PW	MP-PW-Misc-02	Master Meter Implementation and Ongoing Meter Replacement	$ 250	$ 250	$ 250		$ 500	$ 250	
PW	MP-PW-Misc-04	OneGuam Programxx					**$ 50**	**$ 50**	
PW	MP-PW-Misc-05	Leak Detection Assistance					**$ 150**		
WW	WW 05-04	Wastewater System Planning		$ 150			$ 150		
WW	WW 09-01	Lift station upgrades						**$ 1,050**	
WW	WW 09-06	Wastewater Collection System Repl/ Rehabilitation		$ 100			**$ 350**	**$ 1,050**	
WW	MP-WW-Pipe-01	Gravity Pipe Rehabilitation/Replacement Program		$ 170			$ 170	**$ 1,800**	
WW	MP-WW-Pipe-03	Route 1 Piti Pipe Rehabilitation/Replacement	$ 340				**$ 940**		
WW	MP-WW-Pipe-04	Southern Link Pump Station Pipe Rehabilitation/Replacement	$ 657				$ 657		
WW	MP-WW-Pipe-17	Mamajanao Capacity Replacement		$ 400			$ 400	**$ 414**	
WW	MP-WW-Pipe-26	Finile Drive Rehabilitation - Agat	$ 63	$ 750			$ 813		
WW	MP-WW-Pipe-27	Septic/Cesspool System Reduction Program			$ 350				$ 350.27
WW	MP-WW-MH-01	Manhole Rehabilitation Program		$ 350			$ 350		
WW	MP-WW-FM-01	Force Main Rehabilitation/Replacement Program			$ 100			$ 100	
WW	MP-WW-FM-02	Replace Yigo Lift Station Force Main			$ 200			$ 200	
WW	MP-WW-FM-03	Route 1 Asan Force Main Rehabilitation/Replacement	$ 2,124				$ 2,124		
WW	MP-WW-FM-04	Hagåtña WWTP Force Main Rehabilitation/Replacement	$ 5,000	$ 1,500			**$ 6,600**		
WW	MP-WW-Pump-01	Lift Station Rehabilitation/Replacement Program		$ 1,420	$ 6,500		**$ 1,820**	$ 6,500	
WW	MP-WW-Pump-02	Tumon Basin - Fujita Lift Station Analysis	$ 1,000	$ 5,000	$ 3,000		**$ 6,600**	$ 3,000	
WW	MP-WW-Pump-03	Replacement of Former Navy Pump Station (Donut Hole)	$ 100	$ 1,201			$ 1,301		
WW	MP-WW-WWTP-08	Northern District WWTP Completion			$ 7,500			$ 7,500	
WW	MP-WW-WWTP-09	Ocean Outfall Inspection Program					**$ 100**		
WW	MP-WW-Misc-01B	Update Wastewater Collection System Model (Continued)					**$ 50**		
WW	MP-WW-Misc-02	I/I and SSES Assessments					**$ 50**		
WW	MP-WW-Misc-03	Miscellaneous Wastewater Improvements	$ 500				**$ 500**		
WW	MP-WW-Misc-04	Fats, Oils, and Grease Study					**$ 50**		
	Subtotal by Fund Source		$ 51,445	$ 27,531	$ 28,700	$ 1,250	$ 84,576	$ 37,414	$ 1,600
	Grand Total by Fund Source					**$ 108,926**			**$ 123,590.27**

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., April 28, 2020

MINUTES

1. CALL TO ORDER

The CCU Chairman called the regular meeting of April 28, 2020 to order at 5:36 p.m. He said all five (5) Commissioners were present – Comm. Santos was present via GoToMeeting. Others in attendance include:

Commissioners:

Joseph T. Duenas	CCU Chairman
Francis E. Santos	CCU Vice Chairman [via GoTo Mtg]
Michael T. Limtiaco	CCU Secretary
Judith P. Guthertz	CCU Treasurer
Simon A. Sanchez	Commissioner

Executive Mgmt.:

Miguel Bordallo	GM / GWA
John Benavente	GM / GPA
Tricee Limtiaco	AGMA / GPA
John Kim	CFO / GPA
Taling Taitano	CFO / GWA

Management & Staff:

Vien Wong	IT Support / GPA
Vladimir Navaska	IT Support / GPA
Lou Sablan	Board Secretary / CCU, GPA, GWA

2. APPROVAL OF MINUTES

The Minutes of November 26, 2019, January 28, 2020 and February 21, 2020 were presented for approval.

Comm. Limtiaco motioned to approve both Minutes subject to verification & written correction. There was no further discussion or objection and the motion carried unanimously.

3. GPA

3.1 GM Report

GM Benavente updated the Commission on COVID-19 related status – highlights are noted below.

OPERATIONAL CONTINUITY

- Power generation steady & reliable
- Transmission & distribution steady & reliable
- Divisional support continued
- Employee availability Excellent

HEALTH & SAFETY

- Work sites restricted to essential and authorized employees
- Customer lobbies closed
- Work areas reconfigured to ensure distancing
- Evolve to virtual participation/work



SERVICE CONTINUITY

- Customer payments and services available online, by telephone, drop-off, social media
- Urgent/critical customer work orders completed

PANDEMIC ASSISTANCE

- Assisting Governor, GMH, Public Health, and DPW through Emergency Operations Center (GHS)



Mission-critical functions directly related to generation, transmission, and distribution of electric service continue

Key Projects	• Cabras #2 minor overhaul completed. Online as of March 29 • Ukudu Plant permitting continues but potential delay • ESS commissioning suspended temporarily
Key Activities	• LEAC reduction ($0.110039/kWh) approved eff. April 1st billings • Consent Decree entered into judgement eff. April 20, 2020 • Additional fuel oil ordered to take advantage of depressed pricing
Employees	• 3 known/presumed confirmed cases. All have recovered • Unavailability peaked at 27 and currently 11 of 494 unavailable
Customers	• Expanded payment methods: GWA drive-thru, GPWA pay-by-phone, Fadian drop box, paygpa, temp VISA option for business accounts • Services provided via telephone, email, social media, mail, drop box
Communication	• Public service announcements, website, social media • Targeted SMS/email for prepaid customer • Employee emailed daily updates • Daily availability, energy, fuel, outage reporting

DAYS SHUTDOWN
41



IMPACTS

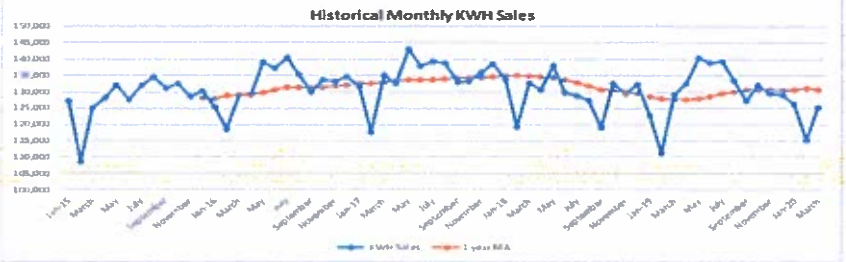
Financial	• ↓ 9% Sales for late March and April • ↓ 18% Customer Bills reduced April 1st due to lower fuel prices
Demand	• Peak Demand dropped to lowest point (204 MW) in March but has increased in April (226 MW)
Business Operations	• Adjustment of physical workspaces and schedules to accommodate new public health protections and guidelines • Backlog of customer work orders
Key Projects	• UKUDU potentially delayed • ESS delayed • Fuel tank refurbishment delayed • Phase II projects delayed • Phase III OPA Hearings delayed

FY 2020 REVENUE LOSS - $5.7M

PROJECTED REVENUE LOSS:

Month	FY 2019 KWH	FY 2020 KWH	% Change	KWH Variance	Base Revenue Variance Base @$0.098/Kwh
Oct	132,488,734	131,952,844	-0.4%	(535,890)	
Nov	129,537,402	129,421,048	-0.1%	(116,353)	
Dec	132,189,902	128,957,692	-2.4%	(3,232,210)	
Jan	122,589,564	126,130,305	2.9%	3,540,741	
Feb	111,158,952	115,346,464	3.8%	4,187,511	
Mar	129,170,318	125,185,262	-3.1%	(3,985,056)	($390,535)
Apr	132,395,702	120,480,088	-9.0%	(11,915,613)	($1,167,730)
May	140,411,830	127,774,765	-9.0%	(12,637,065)	($1,238,432)
Jun	138,703,568	127,607,282	-8.0%	(11,096,285)	($1,087,436)
Jul	139,203,828	129,459,560	-7.0%	(9,744,268)	($954,938)
Aug	133,421,884	126,750,790	-5.0%	(6,671,094)	($653,767)
Sep	127,049,848	124,508,851	-2.0%	(2,540,997)	($249,018)
TOTAL	1,568,921,532	1,513,574,952	-3.5%	(54,746,580)	($5,741,857)

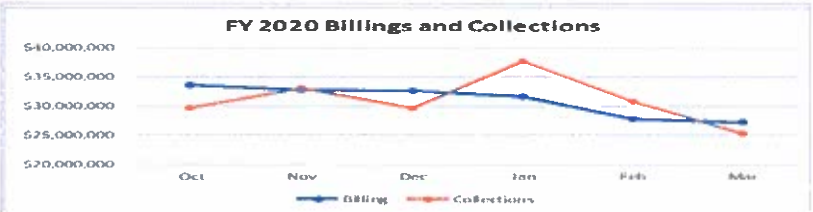
SALES BY RATE CLASS



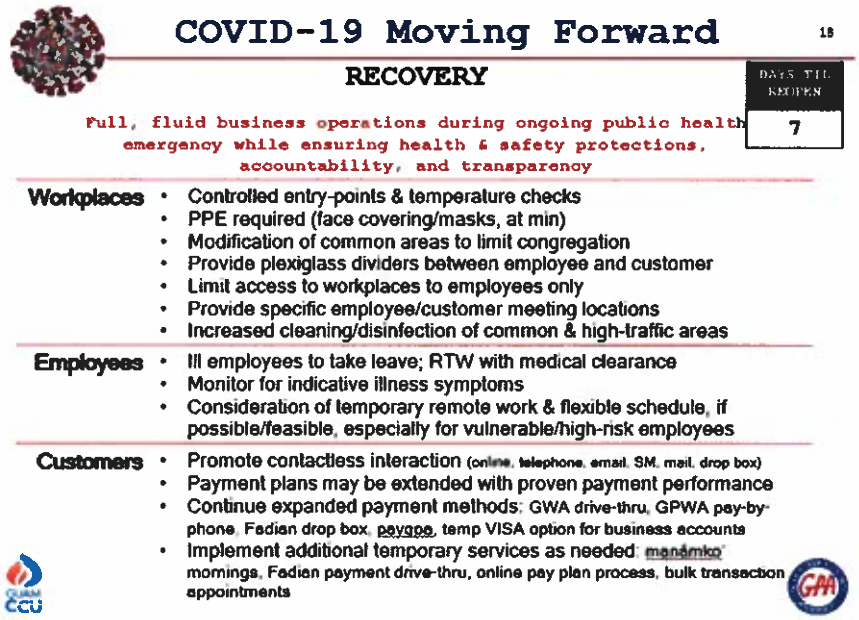
Rate Class MWH:

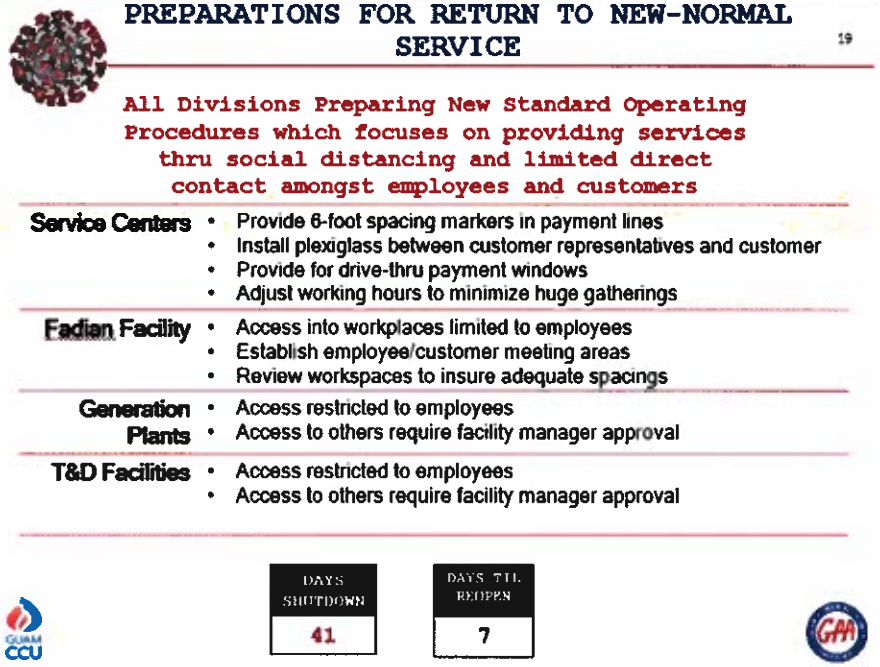
Rate Class	Mar-18	Mar-19	Mar-20	Mar 2020 versus Mar 2019
Residential	41,542	40,400	43,576	7.9%
Small General Non Demand	6,977	6,549	5,016	-23.4%
Small General Demand	15,917	15,251	14,833	-2.7%
Large Power	26,155	24,794	21,598	-12.9%
Government Small Non Demand	1,194	1,193	667	-44.1%
Small Government Demand	7,889	8,145	8,360	2.6%
Government Large	6,266	5,984	5,578	-6.8%
Navy	25,998	26,078	24,905	-4.5%

FY 2020 BILLINGS AND COLLECTIONS



FY 2020	Billing	Collections
Oct	$ 33,590,910	$ 29,641,313
Nov	$ 32,756,688	$ 33,066,937
Dec	$ 32,648,275	$ 29,708,886
Jan	$ 31,659,839	$ 37,674,261
Feb	$ 27,870,482	$ 30,805,800
Mar	$ 27,350,894	$ 25,352,559
April as of April 23th:		$ 17,900,000





Comm. Sanchez asked a guesstimate of the total double pay expense and CFO Kim said about $600k per month.

It was mentioned that the next LEAC adjustment is on June 15 and management plans to project LEAC from June 2020 to January 2021.

The GM reported that GPA will reopen on May 6 notwithstanding any further Government extensions.

3.2 Financials

Financials were not discussed

3.3 Division Reports

Division Reports were provided but not discussed.

The Chairman called for a 5-minute recess at this point. The time was 6:26pm.

3. GWA

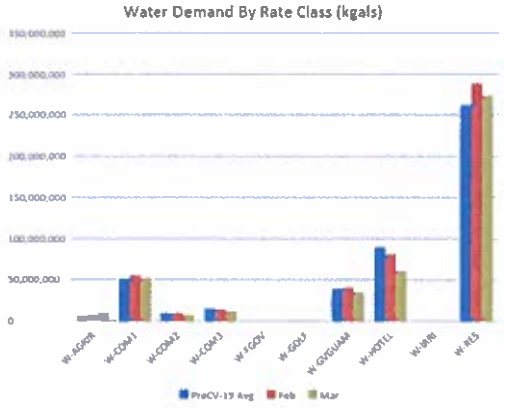
GM Bordallo gave an update on COVID-19 related status.

COVID-19 Impact: Continuity of Operations

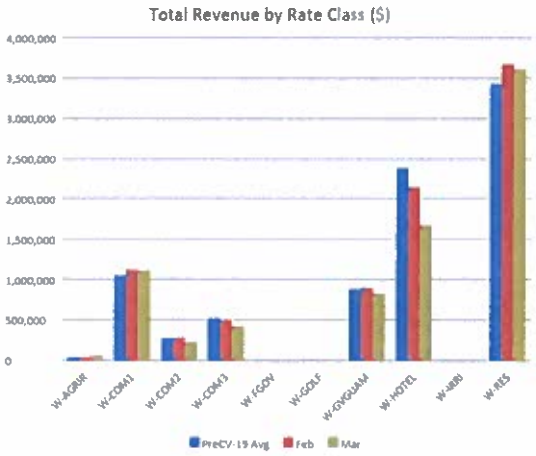
- Essential operations staff to operate as normal
- Non-essential staff
  - Work from home as required
  - On call as required
- Increased PPE where required
- Reduced staffing contingency plans developed
- Reserve operator contingency plans developed
- Emergency pay for essential workers reporting to work sites through the public emergency period
- External Coordination Efforts
  - Regulatory coordination for continued compliance reporting
  - Supply Chain confirmation for critical supplies
  - GUNG activation coordination for Ops staff
  - GHS-OCD Response Action Coordinator activation
  - One-Guam coordination
- Disconnections have been suspended and some previously disconnected customers have been reconnected
- Transition to on-line business processes for customers
- Increase public messaging for service and payment alternatives (including drive thru payment option)
- Working with vendors to move to ACH

COVID-19: Impact on Operations

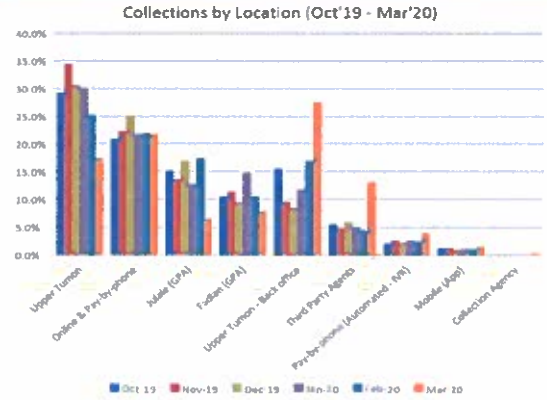
Demand Information FY2020 through March

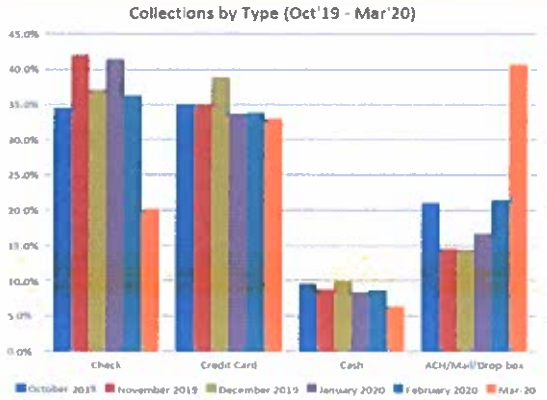


	Water Demand (kgals)			
Rate Class	PreCV-19 Avg (Oct - Jan)	Feb 2020	Mar 2020	% Change Mar vs Pre CV-19
W-AGRIR	5,987,982	6,388,141	9,028,895	50.78%
W-COM1	51,245,410	55,209,956	51,872,694	1.23%
W-COM2	9,390,447	9,443,480	6,992,913	-25.53%
W-COM3	14,768,991	13,841,979	11,337,879	-23.23%
W-FGOV	110,835	128,795	116,805	5.36%
W-GOLF	514,205	541,869	464,933	-9.58%
W-GVGUAM	38,946,241	39,872,819	34,422,782	-11.61%
W-HOTEL	89,231,464	80,752,939	59,979,496	-32.78%
W-IRRI	507,700	576,568	779,599	53.56%
W-RES	262,470,904	288,693,443	273,550,004	4.23%
TOTAL	473,176,179	495,449,989	448,546,000	-5.20%



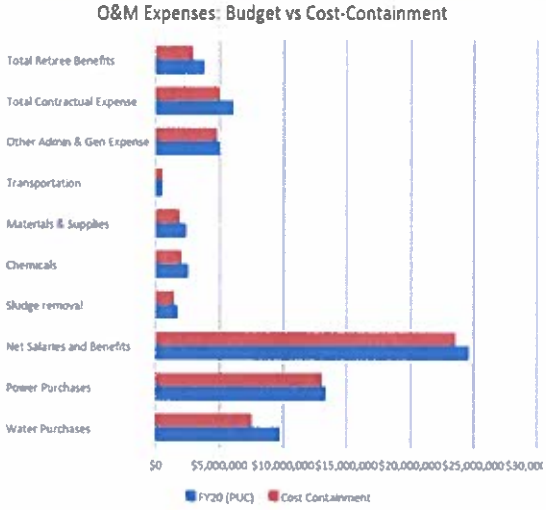
	Total W and WW Revenue ($)				
Rate Class	PreCV-19 Avg (Oct-Jan)	Feb 2020	Mar 2020	% Change Mar20 vs PreCV-19	% Change Mar20 vs Mar19
W-AGRIR	34,838	36,544	50,543	45.1%	15%
W-COM1	1,046,616	1,120,913	1,103,609	5.4%	6%
W-COM2	271,876	274,059	213,047	-21.6%	-13%
W-COM3	514,130	482,773	416,310	-19.0%	-8%
W-FGOV	2,677	3,079	2,979	11.3%	-20%
W-GOLF	8,115	8,436	7,726	-4.8%	61%
W-GVGUAM	880,866	892,602	816,199	-7.3%	14%
W-HOTEL	2,379,925	2,141,413	1,665,452	-30.0%	-24%
W-IRRI	3,223	3,716	4,876	51.3%	45%
W-RES	3,425,527	3,667,326	3,605,207	5.2%	2%
TOTAL	8,567,793	8,638,862	7,886,848	-8.0%	-2%





Initiated Cost Containment Plan based on the following actions to better manage our finances through the balance of this fiscal year

- **Personnel expenses:**
  - Suspend all hiring EXCEPT for identified critical Operations positions.
  - Suspend any new detailing of positions
  - Suspend all overtime except for emergency situations
  - Suspend Saturday Customer Service hours through September 30, 2020. All other Customer Service centers will resume upon reinstatement of normal operations.
  - Schedule O&M work during the normal workweek only, except where 3-shifts are required (Rovers, SCC, Dispatch)
- **Contractual expenses**
  - Suspend contracted CCTV work
  - Reduce pump-truck rental
  - Reduce grounds maintenance work by 50%
  - Reduce motor rewinding services
  - Reduce / suspend subscription services
- **Operational expenses**
  - Maximize the number of wells on standby
  - Reduce and monitor fuel purchases
  - Suspend travel and training except for required certification training
- **Other measures to reduce cash outlays**
  - Defer IFCIP transfers / expenditures
  - Prioritize outlays that provide a corresponding efficiency or O&M expense reduction



- E.O. 2020-04 (issued 16MAR2020) suspended all non-essential government operations
- E.O. 2020-05 (issued 19MAR2020) clarified essential infrastructure includes utility operations and services supporting those operations
- DPHSS Guidance (issued 19MAR2020) clarified essential infrastructure include public works construction
- GWA issued CIP Memorandum (19MAR2020) to GWA Engineering staff, contractors, engineers and construction managers to ensure continuity of CIP projects
- Initially, a handful of contractors notified GWA of COVID-19 impacts to staffing/schedule
  - ProPadfic Builder Corp.: Route 4 Sewerline Rehabilitation project
  - Infratech: Route 1 (Asan – Adelup) Sewerline Rehabilitation project
  - Giant Construction: Talofofo Sewer Improvements project
  - Giant Construction: GWA Line Replacement – Phase IV (permitting stage)
  - Giant Construction: Pale Ferdinand Waterline Replacement (permitting stage)
  - Black Construction: NDWWTP Upgrades
  - AIC: Hyundai Reservoir Project (subcontractor DN Tanks affected by travel restrictions)
- Work was suspended at two sites temporarily; Contractors have resumed operations

CIPs affected by GovGuam closure

- **Tamuning Hot Spots Sewer Line Rehabilitation and Replacement** - building permit stage
- **Sinifa, Santa Rosa, Santa Rita Reservoirs** - building permit stage
- **Fire Hydrant Replacement Phase 1** - building permit stage
- **Piti Reservoir** - waiting on comments from Department of Agriculture for easement request
- **Yigo & Astumbo Reservoirs** - waiting on contractor license renewals to complete electrical work and remainder of punch list items
- **Northern & Southern Reservoirs** - requires meeting with GFD for Agfayan & Inarajan BPS design

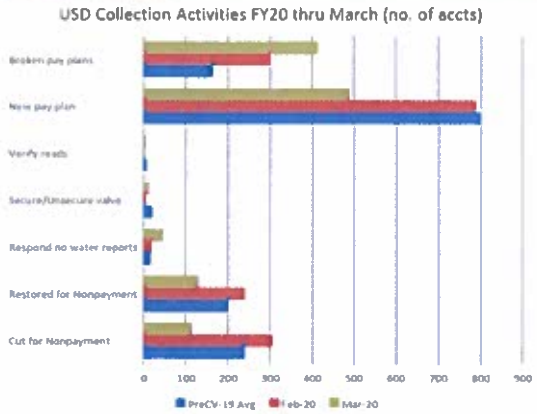
CIPs in pipeline delayed if PHE extends

- **Pressure Zone Realignment Phase 1** – NTP issuance
- **Tank Repair and Bypass Construction** – NTP issuance (Hold up of these 2 permits will impact construction/repair/inspection schedules for the tanks)
- **Water well meter replacement** - NTP issued
- **NWWTP outfall diffuser** – Selection stage
- **Bayside Sewer PS rehabilitation** – Selection stage

- All water and wastewater services are being provided as normal
- Transitioned handling of regular service issues to "on-line" options
  - Customer Service: new service requests, billing issues, and inquiries
  - Engineering: utility verifications, inspections, permits (new construction service inspections suspended; to be evaluated)
- Payment for GWA services provided
  - Suspension of disconnection through emergency period
  - Payment plans / deferrals for residential customers impacted by CV-19
  - Increased/promote payment options / keeping accounts current
  - Suspend limits on credit card transactions

7-Ways to Pay

1. Mobile App: **PAY GPWA**
2. Pay On-line: **PAYGWA.COM**
3. Pay By Phone: **647-4PAY**
4. Auto Pay: ACH form on website
5. Drop Box: Upper Tumon, Fadian
6. Pay Via Mail: POB 3010, Hagatna
7. Drive-Thru: Upper Tumon



	Collection Activities			
	Oct - Jan			% Change
Activity	PreCV-19 Avg	Feb-20	Mar-20	Mar vs PreCV-19
Cut for Nonpayment	239	305	115	-51.8%
Restored for Nonpayment	199	240	130	-34.8%
Respond no water reports	16	18	46	187.5%
Secure/Unsecure valve	20	6	13	-35.8%
Verify reads	7	3	5	-25.9%
New pay plan	800	789	489	-38.9%
Broken pay plans	163	297	412	153.1%

Pay Plan Detail

PERIOD	TOTAL BROKEN	TYPE OF PAY PLAN BROKEN		
		ARREARS	BACK BILL	HARDSHIP
03/01/20 THRU 03/16/20	187	174	13	0
03/16/20 THRU 03/21/20	102	96	6	0
03/22/20 THRU 03/28/20	124	121	3	0
03/29/20 THRU 04/04/20	83	67	16	0
04/05/20 THRU 04/11/20	18	17	1	0
04/12/20 THRU 04/18/20	16	14	2	0
04/19/20 THRU 04/25/20	13	10	2	1
TOTAL	543	499	43	1

GWA Workforce availability
as of April 23, 2020

1	Healthy	352	93.37%
2	Sick, not COVID-19 related	9	2.39%
3	COVID-19 Medical Risk	2	0.53%
4	COVID-19 Quarantined	2	0.53%
5	Military Leave	8	2.12%
6	LTD	4	1.06%
Grand Total		377	100.00%

GWA Workforce availability
as of April 23, 2020

[12]	Healthy/Reporting for duty at worksite	261	69.23%
[13]	Healthy/Reporting for duty - Teleworking	90	23.87%
[14]	Military Leave	8	2.12%
[15]	LTD/Workers Comp	4	1.06%
[04]	Employee sick - symptoms unrelated to COVID-19	9	2.39%
[05]	Employee's direct exposure to a household member - COVID-19 confirmed case	1	0.27%
[06]	Employee's direct exposure to a household member being tested for COVID-19	1	0.27%
[09]	Employee or household member is at medical risk (i.e. COVID-19 vulnerable)	2	0.53%
[11]	Employee wants to electively self-quarantine; status not considered vulnerable - does not report for duty	1	0.27%
Grand Total		377	100.00%

- Essential workers reporting to work sites
  - PPE and sanitation supplies provided
  - Vehicle sanitation between each shift
  - Interaction minimized
  - Social distancing practiced to the extent possible
  - Daily safety messaging and updates
- Non-essential workers teleworking from home
  - VPN access expanded
  - GWA equipment deployed
  - Telework Policy and Procedures issued
  - Telework Work Plan & Agreements being finalized

CFO Kim said all of Finance team have been all been set up with their computers and VPN but is some connectivity issues and employees are using their own internet / power etc.

There was discussion on teleworking and Comm. Santos said this is the new normal.

Comm. Limtiaco asked about timeclocks and commented that this is one large multi-million dollar business that still does manual time sheets. Comm. Duenas added that the E-One software will help with this issue.

Comm. Sanchez said hotels are our largest customers and they are down by 33% and referencing agriculture, he said this sector is up by 45%. GM Bordallo said its due to dry season irrigation.

Comm. Sanchez asked for status on the Asan Adelup. GM Bordallo updated that the project has been delayed perhaps until the end of the calendar year.

The GM update the Commission on GWA's Series 2020 Bond Process. Following is brief highlights.

- All needed approvals obtained with PUC action on March 26th
- Document development
  - Consulting Engineers Report: Near Final Draft in review (complete April 30th)
  - Preliminary Official Statement: Updated Draft in development (post May 19th)
  - Call to discuss CER and POS scheduled for Thursday this week
- Ratings Activity
  - COVID-19 and PUC Approved Rate Plan presented April 16th
  - Ratings presentation scheduled May 8th
- Marketing and Pricing
  - Timing and final scheduling are market dependent
  - GWA, GEDA and team are monitoring market developments
  - EMMA Notice of Proposed Issuance posted March 24th – no feedback yet
  - Soonest to be in the market is mid-May

Top 20 Reported Guam Investors -- As of April 2020 (in $millions)

As of April 2020, Guam's top 20 reported holders own over $1 7 billion in Guam's municipal bonds

	GWA	BPT	HOT	GPA	GIAA	Section 30	GDOE	GovGuam GO	PAG	Total Guam Holdings ($000s)
Nuveen	89.64	195 23	6.57	42 03	12.41	39 26	19 61	3 43	2 06	410 23
MacKay Shields	82 02	80 74	20 62	18 59	21 43	10 17	-	-	11 33	244 89
Vanguard	56 13	84 30	-	61 62	13 07	4 39	-	-	-	219 50
AllianceBernstein	12.25	65 50	-	23 52	0 88	22 94	1 97	6 34	-	133 39
Capital Research	18 09	35 54	11 51	21 59	15 64	5 53	-	-	5 82	113 72
Invesco	5 97	15 94	-	48 07	13 00	6 25	-	2 70	5 50	97 42
GSAM	37.50	9 76	-	4 87	18 54	12 03	5 86	2 70	5 70	96 93
USAA / Victory Capital	44.16	5 00	-	26 61	2 26	12 25	-	-	1 50	91 77
MFS	15 29	11 03	-	7 31	1 91	3 92	35 03	-	0 80	75 29
Franklin	16 26	-	10 38	25 99	5 00	-	-	-	-	57 62
Thornburg investment	10 43	11 48	-	24 54	-	-	-	-	-	46 44
Wells Capital	13 89	5 04	-	1 00	6 12	0 60	5 24	-	7 26	39 15
PineBridge	-	16 61	-	1 46	-	6 90	-	-	0 50	25 47
American Century	9 34	1 00	-	8 37	-	-	2 50	-	1 50	22 71
Macquarie	5 84	8 78	-	1 00	-	-	-	-	2 13	17 74
Van Eck	5 41	6 69	-	0 85	0 20	1 62	1 10	-	-	15 86
Fidelity	-	-	-	6 68	8 79	-	-	-	-	15 47
DWS Investment	2 50	-	-	6 21	3 00	-	-	-	2 00	13 71
Putnam Investment	-	-	0 25	3 00	-	-	1 00	4 90	3 77	12 91
SIT Investment	2 00	2 75	-	0 50	-	0 50	2 73	-	-	8 48
Total	426 70	555 37	49 33	333 76	122 23	126 35	75 03	20 05	49 86	1,758 66

4.2 Financials

In response to the Global Health Emergency declared by the World Health Organization and the national emergency declared by President Donald Trump, on March 14, 2020, Governor Lourdes A. Leon Guerrero, issued Executive Order 2020-03 declaring a state of emergency to respond to Novel Coronavirus (COVID-19). Further, Executive Order 2020-04 ordered the closure of all non-essential Government of Guam offices, the prohibition of large gatherings, and restricted entry into Guam from countries with confirmed COVID-19 cases.

From October 2019 through February 2020, 56% of payments came through the customer service offices in Upper Tumon, Julale, and Fadian. Based on the Executive Orders, GPWA customer service offices were closed on March 16. However, on March 23, 2020, GWA reopened its Upper Tumon drive-thru for the convenience of our cash paying customers as well as those who prefer to make payments in person. GWA has also been encouraging its customers through flyers, social media, and press releases to use alternate ways of paying their water bills.

While YTD consumption improved compared to last year (water consumption +1%, wastewater consumption +3%), March 2020 consumption was down compared to March 2019 (water consumption -15%, wastewater consumption -2%). We continue to monitor bills as they drop in April to determine the impact on hotel consumption due to the lack of tourists as well as on business and government demand due to the closure of non-essential businesses and government agencies. See Schedule K for Water Demand for FY2015 to FY2020.

Revenues are being continuously monitored and a cost containment plan has been put into effect. However, the public health emergency has required additional outlays for emergency pay and other COVID-19 related expenses. While sufficient cash reserves are in place, management will continue to assess the situation and make any course corrections required to ensure continuity of services to our customers while keeping the safety of our staff the highest priority.

Balance Sheet

- Total Assets & Deferred Outflows of Resources were about the same at $912.1M in March 2020 compared to $913.0M in September 2019 or a decrease of $885K. Current Assets decreased by $5.6M, Property, Plant and Equipment increased by $19.5M, and Other Noncurrent Assets decreased by $14.4M. Note that Schedule F contains a schedule of restricted and unrestricted cash and investments.
- The $17.0M or -2% decrease in Liabilities & Deferred Inflow of Resources of $696.7M at March 2020 from $713.8M September 2019 was primarily due to decreases in Current Liabilities of $16.3M.
- Accounts Receivable days were 47 in March 2020 as compared to 50 in September 2019 and Accounts Payable days were 37 in March 2020 as compared to 38 in September 2019.

Statement of Operations and Retained Earnings

- Total Operating Revenues for March 2020 of $8.8M were 13% or $1.3M less than budget and 9% or $856K less than March 2019 due to the impact of the COVID-19 emergency.
- Year to Date Operating Revenues as of March 2020 of $55.5M were $5.2M or 9% less compared to budget and were about the same as last year. Note that the budget, as adopted by the PUC rate order, projected a 5% increase for the entire fiscal year. The rate increase went into effect in March 2020 slightly offsetting reductions in consumption.
- Total Operating Expenses for March 2020 of $7.1 M were $547.2K or 7% less than budget, with all expenses coming in below budget except for Depreciation; there were three pay periods processed in March. Total Operating Expenses for March 2020 were 3% or $176.7K more than March 2019 with the increases in Utilities of $77.5K and Depreciation of $253.5K offset by decreases in Salaries and Benefits of $4.8K, Administrative & General Expenses of $32.1K, Contractual Expense of $72.2K and Retiree Benefits of $45.2K.
- Year to Date Operating Expenses at March 2020 of $43.6.M were $2.2M less than budget of $45.7M with expenses coming in below budget expect for Depreciation, and Provision for Bad Debts. Year to Date Operating Expenses at March 2020 were $2.1M or 5% more than last year's $43.6M with increases in Utility Costs of $1.1M, Administrative & General Expense of 213.9K and Depreciation of $1.50M offset by decreases in Net Salaries and Benefits of $150K, Contractual Expenses of $313.5K, and Retiree Benefits of $278.7K.
- Earnings from Operations for March 2020 of $1.7M were 30% or $756.9K less than budget and 37% or $1.0M less than March 2019. Net Assets for March 2020 of -$88.8K were $3.3M less than budget mainly due to no activity in Grants from US Government and -$4.4M less than March 2019 due to no activity in AFUDC and Grants from US Government.
- Year to Date Earnings from Operations as of March 2020 of $11.9M were 20% or $3.0M less than budget and 14% or $1.9M less than YTD Earnings as of March 2019. Year to Date Change in Net Assets as of March 2020 of $15.5M were $3.6M less than budget mainly due $5.2M less in Grants from US Government than projected. Year to Date Change in Net Assets as of March 2020 were $3.6M or 19% less than YTD as of March 2019.

Key Financial Indicators

Indicator	Target	February 2020	March 2020
DSC YTD			
• Per Section 6.12 of Indenture	1.25	1.45	1.42
• Per PUC / CCU	1.40	1.45	1.42
Days – Cash on Hand	120 days	221 days	187 days
Collection Ratio			
• Month to Date	98%	101%	95%
• Year to Date	98%	99%	98%
Days Billed	30	29	29
Account Receivable Days	45	45	47
Account Payable Days	45	34	37
Employee Count	400 FTE	379FTE	379 FTE
Water Customers	42,644	42,722	42,250
Wastewater Customers	29,687	29,419	29,194

4.3 Resolution No. 22-FY2020 Relative to Approval of Change Order No. 5 and Approving Additional Contingency Funds for the Route 4 Relief Sewer Line Rehabilitation and Replacement

The objective of the Route 4 Relief Sewerline Rehabilitation and Replacement Project is to install cured in place pipe (CIPP) lining in an existing sewer to rehabilitate the sewer by eliminating infiltration into the existing sewer main so that it can be placed into service and relieve excess flows in the adjacent sewer main serving Sinajana, Ordot, Chalan Pago, and nearby villages connected to the main sewer trunk line coming into Hagatna on Route 4. The CIPP work is being done under a contract with InsituForm Inc and is nearing completion.

In order to compensate InsituForm for performing unanticipated significant and excessive cleaning and to seal four sewer service lines encountered while performing work under the original scope of work in the contract, two Change Orders are needed to finish the contract work. The additional work is within the general scope of work for the contract and it is most practical and efficient to have InsituForm perform the work as an integral part of their construction. In order to have installed the CIPP liner, the additional cleaning had to be done. In order to re-connect the four unanticipated existing sewer service lines to the newly lined CIPP main to maintain service to those customers, the re-instatement of those lines is necessary and must be done at this time.

The contract contingency amount previously authorized by the CCU when the contract was awarded has been used on four Change Orders preceding the work discussed herein and consequently, the contingency amount remaining is currently insufficient to execute the two necessary Change Orders to complete the work outlined above. Additional contingency funds must be authorized by the Commission so that GWA can execute the change orders.

The segments of existing sewer that required additional cleaning are on Route 4 as it approaches Route 1 and on segments on Route 1 downstream of the intersection with Route 4. The four sewer service lines to be reinstated are on Route 1 in front of Chamorro Village and serve Chamorro Village.

Change Order 5 will cost $165,245.12 and require an additional authorization of $114,058.57 in contingency funds for the contract. A Change Order for the service line sealing is estimated to cost $75,000. In total, these amounts sum to $189,058.57. This Resolution requests a contingency increase in the amount of $200,000.00 to provide a modest amount in anticipation of a cost proposal from the contractor for the service line reinstatements. The funding source for the contract and for the additional contingency funds requested in this Resolution is the System Development Charge as well as EPA grant funds.

Work on the additional cleaning has already been performed as it was required to advance the project and prepare for the installation of the CIPP liner. The Project Manager required the contractor to support

and justify his claim for the amount of cleaning judged to be additional. Once the requisite information and data was provided and the amount negotiated, the Project Manager recommended that GWA approve the addition cleaning and cost. The service line reinstatement will be completed soon after the cost is approved and GWA executes a Change Order for this additional work.

It was mentioned that some additional work has to be done, lots of debris on the line and 4 active service laterals that wasn't seen before and need to be sealed. Change orders necessary to fund these pieces of work.

Comm. Sanchez motioned to approve Resolution 22-FY2020 second by Comm. Guthertz

Comm. Sanchez said this will this take this project to $4M+ with estimated completion by end of summertime.

On the motion there was no further discussion or objection and the motion passed unanimously.

4.4 Resolution No. 23-FY2020 Relative to Approval of the COVID-19 Regulatory Asset Issues for Decision

Setting up a regulatory asset to capitalize extraordinary expenses incurred during the COVID-19 response will allow Guam Waterworks Authority (GWA) to offset these expenses against any future relief provided by the local or federal government and / or amortize the expenses next fiscal year when revenues rebound. The action is necessary to minimize impacts to GWA's ability to meet bond indenture requirements, and is urgent in light of the rapidly changing conditions resulting from the current pandemic.

In response to the Global Health Emergency declared by the World Health Organization and the national emergency declared by President Donald Trump, on March 14, 2020, Governor Lourdes A. Leon Guerrero, issued Executive Order 2020-03 declaring a state of emergency to respond to Novel Coronavirus (COVID-19). Further, Executive Order 2020-04 ordered the closure of all non-essential Government of Guam offices and the prohibition of large gatherings.

Executive Order 2020-05 ordered the closure of businesses or public accommodations except for certain exemptions such as healthcare operations, grocery stores, gas stations and hardware stores during the COVID-19 emergency period through March 30, 2020. Executive order 2020-06 and 2020-09 extended the emergency period through April 13, 2020 and May 5, 2020 respectively.

Although revenues are likely to be impacted by the near shutdown of the tourism market and the closure of certain government agencies and businesses, Guam Waterworks Authority (GWA) must continue to provide essential water and wastewater services needed for the health and safety of the community. Extraordinary expenses in response to the COVID19 emergency may include but are not limited to:

- Additional pay for employees required to report to work
- Equipment and tools to allow employees to work from home
- Alternate or enhanced methods for customers to pay their bills such as opening a drive thru, lifting credit card
- Development and distribution of communications materials to employees and customers

Upon approval by the Consolidated Commission on Utilities, GWA will petition the Public Utility Commission (PUC) to capitalize expenses related to the COVID-19 emergency in the form of a regulatory asset and amortize those expenses in FY2021, or over a period determined by the PUC, when revenues are expected to rebound.

This action seeks to capitalize the extraordinary costs expended to address the COVID19 emergency declaration. Revenues will be used to fund these expenditures and possibly other COVID fund resources. If cash from Revenues is insufficient, the Working Capital Reserve will be used. As the Regulatory Asset is amortized over the next fiscal year, the Working Capital Reserve will be reimbursed.

Upon approval by the Public Utility Commission (PUC), the Regulatory Asset will be set up and amortized in FY2021 or over a period determined by PUC.

Comm. Sanchez asked what this estimate is for COVID double pay. Management said about $370k per payperiod. It was mentioned that payroll subsidy is not covered by FEMA

Comm. Guthertz motioned to pass Resolution 23-FY2020, second by Comm. Limtiaco. There was no further objection or discussion and the motion passed with 5 ayes.

4.5 Resolution No. 24-FY2020 Relative to Ratification of Suspension of Credit Card Payment Limits on Non-Residential Accounts

Effective April 13, and thru this emergency period, Guam Waterworks Authority (GWA) will make it easier for its non-residential customers to make payments against their billings by lifting credit card limits. This will enable non-residential customers to safely make payments online while minimizing the time and staff needed to process payments made by cash or check and will make funds available more immediately.

GWA currently has a $500 monthly limit on Visa and Discover credit card payments made for non-residential accounts. This requires non-residential customers to make payments by check or cash or not fully pay their bill on-line. There is currently no limit on Mastercard. This action will be effective April 13, 2020 thru the COVID-19 public health emergency period.

The fees are as follows:

Type	Fee
Credit and Signature Debit Cards (Merchant Fee)	.1033% of amount
PIN Debit Cards (Merchant Fee)	$.06 per transaction
Visa and Discover (Network Fees)	1% - 3%

If the Public Utilities Commission authorizes the COVID-19 Regulatory Asset, the additional merchant fees will be capitalized and amortized over a period determined by the PUC. The fees will be paid from Revenues, or if Revenues are not sufficient, the Working Capital Reserve.

Comm. Guthertz motioned to approve Resolution 24-FY2020, second by Comm. Sanchez.

In discussion, the Commission inquired the guesstimate monetary impact for this program and management responded about $20k.

On the motion there was no further discussion or objection and the motion passed. The vote was unanimous.

4.6 Division Reports

The Division Reports were submitted but not discussed.

5. OTHER DISCUSSION

5.1 Proposed CCU Rules

Comm. Limtiaco, Chairperson for the CCU Rules Committee, updated that the DRAFT CCU Rules were distributed to the Commission and he would like it placed on the May Agenda. Comm. Santos said he would like to have a working session for review and discussion. Chairman Duenas said he will look at the CCU calendar and get back to the Commission.

6. ANNOUNCEMENTS

6.1 Next CCU Meetings

The Chairman announced that the next CCU meeting is a work session for GWA on May 19, a GPA work session on May 21 and the regular monthly CCU meeting on May 26

The Chairman called for a 5-minute recess before Executive Session. It was 7:45 p.m.

7. EXECUTIVE SESSION

7.1 (2) GWA Litigation Matters

8. ADJOURNMENT

There being no other business to bring before the Commission, the meeting adjourned at 2:08 p.m.

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Attested

JOSEPH T. DUENAS, Chairman

MICHAEL T. LIMTIACO Secretary

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
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GPA RESOLUTION NO. 2020-13

RELATIVE TO AUTHORIZING THE AWARD OF A PERFORMANCE MANAGEMENT CONTRACT FOR GPA'S CABRAS UNITS #1 AND #2 STEAM TURBINE POWER PLANT TO TAIWAN ELECTRICAL AND MECHANICAL ENGINEERING SERVICES (TEMES, INC.)

WHEREAS, the Guam Power Authority (GPA) had a five-year Performance Management Contract (PMC) for the Management, Operation and Maintenance of the Cabras 1&2 Steam Turbine Power Plant awarded to TEMES, that commenced in October 2010; and

WHEREAS, the PMC awarded to TEMES expired on Sept. 30, 2015 through Resolution 2015-35 and was approved for extension up to December 31, 2015; and

WHEREAS, the PMC was subsequently approved for another extension through December 30, 2016 through Resolution 2015-62A; and

WHEREAS, through CCU Resolution 2016-62, the Authority was approved to extend the Cabras 1&2 PMC Contract for another three years and nine months, up to September 30, 2020; including an optional extension year up to 2021; and

WHEREAS, through PUC Docket 17-09, the Authority was approved to extend the Cabras 1&2 PMC Contract for only another three years and nine months, up to September 30, 2020; 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 at the end of 2022, if not delayed; and

WHEREAS, in order to ensure adequate capacity to meet the Megawatt demands of the island, the Cabras 1&2 Steam Turbine Power Plant must continue to be operated and maintained until the new power plant is commissioned; and

WHEREAS, GPA issued a multi-step bid (IFB GPA-035-20) for a new Performance Management Contract for the continued Management, Operation and Maintenance of the Cabras 1&2 Steam Turbine Power Plant, and also to plan for and conduct activities related to the power plant's de-activation and/or decommissioning; and

WHEREAS, Taiwan Electrical and Mechanical Engineering Services (TEMES, INC.) was the sole qualified and responsive bidder; and

WHEREAS, the total cost for the 3-year Base Period of the Contract Period, which is the sum of Annual Management Fees proposed by TEMES, INC. and O&M Budget provided by GPA is $9,969,188.00 excluding costs for inventory, critical repairs, CIPs and deactivation/decommissioning activities is reasonable.

NOW, BE IT THEREFORE RESOLVED, by the Consolidated Commission on Utilities as the governing body of GPA. and subject to the review and approval of the Public Utilities Commission, does hereby approve the following:

1. GPA's request to award a Performance Management Contract for GPA's Cabras Units #1 and #2 Steam Turbine Power Plant to TEMES, INC.
2. The award of $5,919,188.00 in Annual Management Fees, and $4,050,000.00 in O&M Budget, for a total of $9,969,188.00 total contract amount for the base period starting October 1, 2020 through September 30, 2023. These fees are excluding costs for inventory, critical repairs, CIPs, and deactivation/decommissioning activities.

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

DULY and REGULARLY ADOPTED and APPROVED THIS 23rd DAY OF JUNE, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

Attested by:

MICHAEL T. LIMTIACO
Secretary
Consolidated Commission on Utilities

I, Michael T. Limtiaco, Board Secretary of 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 by 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: 5

Nays: Ø

Absent: Ø

Abstain: Ø



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GPA RESOLUTION NO. 2020-14

RELATIVE TO AUTHORIZING THE GUAM POWER AUTHORITY TO RETIRE PITI #8 AND #9 SLOW-SPEED DIESEL UNITS AND TO PROCURE 60-MW INSTALLED CAPACITY FROM RENEWABLE ENERGY

WHEREAS, Piti #8 and #9 Slow Speed Diesel Units provide up to 88-MW Capacity of the island-wide power system and are crucial in ensuring that GPA is able to provide the required energy for the island between now and the commissioning of the new 198-MW Ukudu Power Plant; and

WHEREAS, ownership of the Piti 8 & 9 units transferred from Marianas Energy Company (MEC) to Guam Power Authority (GPA) on January 29, 2019 and the Guam Power Authority (GPA) extended the Energy Conversion Agreement with MEC until January 29, 2024 upon receiving CCU and PUC approvals, in order to ensure the units' availability and reliability; and

WHEREAS, the units are subject to Consent Decree and State Implementation Plan requirements to ensure compliance with USEPA requirements such as RICE MACT and upcoming requirements such as updated National Ambient Air Quality Standards; and

WHEREAS, the requirements include having a contract for the conversion of the units to burning ultra-low sulfur diesel (ULSD) by July 1, 2020 and full conversion to ULSD-firing by December 31, 2021; and

WHEREAS, GPA received a proposal from MEC and its subcontractor BWSC for the conversion of the units, with an estimated cost of $20,645,925 for the upgrades excluding the fuel supply system which is separately funded and handled by GPA; and

WHEREAS, GPA awarded a new IPP Contract for a 198-MW Power Plant, and Phase II Renewable Resource Contracts for a total of 120-MW Solar PV Energy; and

WHEREAS, GPA anticipates capacity factor of the Piti #8 and #9 to be below 15 % after the new power plant and new renewable energy contracts commence operation in 2022; and

WHEREAS, GPA anticipates award of an additional 40-MW of renewable energy with energy storage systems through GPA's Phase III Renewable Resource Acquisition and has plans

for acquiring additional renewable resource with energy storage systems under a Phase IV program; and

WHEREAS, it will therefore be prudent to plan and schedule the retirement of Piti #8 and #9 Units after the New Power Plant at Ukudu has commenced operation.

WHEREAS, it will also be prudent to execute 60-MW of the Phase IV Renewable Acquisition Bid immediately so as to begin its operations soon after the New Power Plant at Ukudu has commenced operation. A solar PV + Energy-shifting ESS is the preferred technology for this Bid.

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

1. GPA is approved to plan for the retirement of Piti #8 and #9 Slow Speed Diesel Units after the New Power Plant at Ukudu has commenced commercial operation.
2. GPA is authorized to request USEPA to modify the consent decree to address retirement of Piti 8 & 9 upon completion of the new 198-MW Ukudu power plant, in lieu of conversion of units to ULSD by December 31, 2021.
3. GPA is approved to execute a Renewable Acquisition for 60-MW of Solar-PV + Energy-shifting ESS.

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

DULY AND REGULARLY ADOPTED AND APPROVED THIS 23RD DAY OF JUNE, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

Attested by:

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: 4

Nays: 0

Absent: 1

Abstain: 0



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GPA RESOLUTION NO. 2020-15
GWA RESOLUTION NO. 30-FY2020

RELATIVE TO THE GUAM POWER AUTHORITY AND THE GUAM WATERWORKS AUTHORITY (GPWA) OFFERING PAYMENT PLANS FOR CUSTOMERS EXPERIENCING FINANCIAL HARDSHIP DURING THE CORONAVIRUS STATE OF EMERGENCY

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual, and policy matters relative to the Guam Power Authority (GPA) and Guam Waterworks Authority ("GWA"); and

WHEREAS, GPA and GWA are Guam Public Corporations established and existing under the laws of Guam; and

WHEREAS, in response to the Global Health Emergency declared by the World Health Organization and the national emergency declared by President Donald Trump, on March 14, 2020, Governor Lourdes A. Leon Guerrero, issued Executive Order 2020-03 declaring a State of Emergency to respond to coronavirus (COVID-19) pandemic; and

WHEREAS, Executive Order 2020-05 ordered the closure of businesses except for certain exemptions such as healthcare operations, grocery stores, gas stations and hardware stores during the COVID-19 emergency period; and

WHEREAS, between March 16, 2020 and June 30, 2020, GPA and GWA suspended customer account disconnections during the pandemic emergency period; and

WHEREAS, Executive Orders 2020-06, 2020-09, 2020-11 and 2020-16 extended the COVID-19 State of Emergency and shut down non-essential government and business

operations through April 13, 2020, May 5, 2020, May 30, 2020 and June 29, 2020 respectfully; and

WHEREAS, GPA & GWA responded to the COVID-19 pandemic by suspending non-payment disconnections to protect the health and safety of customers and assist those suffering economic hardship due to job loss or reduced or lost business; and

WHEREAS, as of June 12, 2020, 1508 businesses have reported 27,190 employees have been laid off, furloughed or had their work hours reduced as a direct result of the COVID-19 pandemic; and

WHEREAS, as of June 6, 2020, 1999 businesses impacted by the COVID-19 pandemic have received more than $194 Million in Paycheck Protection Program forgivable low-interest loans to retain workers, maintain payroll, and cover certain other existing overhead costs; and

WHEREAS, in joint coordination, GPA & GWA General Managers extended the suspension of non-payment disconnections through June 30, 2020 to allow time for customers to receive assistance from federal and local economic relief programs; and

WHEREAS, the CCU has expressed the desire to keep utility payments affordable for customers and maintain continuity of utility services by allowing extended payment plans to customers with outstanding amounts owed due to the hardship caused by the COVID-19 pandemic; and

WHEREAS, both utilities propose to offer residential customers a payment plan option, up to twelve (12) months, on a case by case basis, to provide customers with enough time to pay their current utility bills and outstanding amounts owed; and

WHEREAS, both utilities propose to offer business customers a payment plan option up to twelve (12) months, on a case by case basis, after evaluating their ability to remain current with future bills and pay outstanding amounts owed; and,

WHEREAS, each utility's ability to provide payment plans may be constrained by promulgated service rules or PUC orders and may require authorization to seek PUC approval for the proposed COVID-19 Relief Programs; and,

WHEREAS, GPA and GWA are committed to helping all ratepayers get through these difficult times and encourage customers to make their utility payments before July 1, 2020 or enter into a payment plan.

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve the following:

1. The CCU recognizes the hardship caused to GPA and GWA residential customers because of the COVID-19 pandemic and approves creating a COVID-19 Relief Program to offer up to twelve (12) month payment plans for unpaid bills for residential customers.
2. The CCU recognizes the hardship caused to GPA and GWA business customers because of the COVID-19 pandemic and approves creating a COVID-19 Relief Program to offer business customers a payment plan option up to twelve (12) months, on a case by case basis after evaluating the customer's ability to remain current with future bills and make partial payments on outstanding amounts owed.
3. All penalties and late fees, including interest are waived for all residential and business customers entering a COVID-19 payment plan.
4. The CCU authorizes GPA and GWA to petition the PUC as needed for approval of the proposed COVID-19 Relief Programs.

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

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DULY and REGULARLY ADOPTED and APPROVED THIS 16th DAY OF JUNE, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

MICHAEL T. LIMTIACO
Secretary

SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the 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: 5

NAYS: Ø

ABSENT: Ø

ABSTAIN: Ø



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CONSOLIDATED COMMISSION ON UTILITIES
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GWA RESOLUTION NO. 28-FY2020

RELATIVE TO APPROVAL OF AMENDMENT FOR THE INDEFINITE DELIVERY/INDEFINITE QUANTITY PROFESSIONAL PROJECT/CONSTRUCTION MANAGEMENT SERVICES CONTRACT

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual, and policy matters relative to the Guam Waterworks Authority ("GWA"); and

WHEREAS, the Guam Waterworks Authority ("GWA") is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA awarded an Indefinite Delivery – Indefinite Quantity (ID-IQ) contract to Brown and Caldwell for Project Management /Construction Management services in the initial maximum amount of Seven Hundred Fifty Thousand Dollars ($750,000.00) and has issued four (4) Task Orders (TOs) for TO-1 Consulting Engineers Report (CER); TO-2 Rt.4 Relief Sewer project; TO-3 Rt.1 Sewer Rehabilitation project; and TO-4 Southern SSES Sewer Project; and

WHEREAS, GWA's Indefinite Delivery – Indefinite Quantity (ID-IQ) contract to Brown and Caldwell for Project Management /Construction Management services has been amended per GWA Resolution No. 21-FY2020 in the amount of Five Hundred Forty-Four Thousand Four Hundred Eighty-Five Dollars ($544,485.00) for additional work for the CER under TO-1 and for a pending TO-5 for the PUC-required Cost of Service / Rate Design Study (COS/RDS), which did not include the approved contingency amount of Forty-Five Thousand Eight Hundred Forty-Two Dollars ($45,842.00) for the COS/RDS only; and

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WHEREAS, GWA, is managing several EPA SRF grant funded projects including the Rt.4 Relief Sewer Rehabilitation Project (TO-2), the Rt.1 Sewer Rehabilitation Project (TO-3), and the SSES Phase 2 project (TO-4); and

WHEREAS, due to the delays in construction of each of these projects and the increase in the scope of work for Phase 2 of the Rt.1 Sewer Rehabilitation Project, additional effort is needed for services under three Task Order scopes of work authorized under this IDIQ; and

WHEREAS, management seeks CCU approval to extend Task Orders 2, 3, and 4 issued to Brown and Caldwell under this IDIQ and increase funding accordingly to 1) Complete the Rt. 4 Relief Sewer Rehabilitation Project as provided for in the original Task Order 2 and as amended under its Amendment #1; 2) Complete the Rt.1 Sewer Rehabilitation Project as provided for in the original Task Order 3 and as amended under its Amendment #1; 3) Complete the SSES phase 2 Project as provided for in the original Task Order 4 and as amended under its Amendment #1; and

WHEREAS, the total amount of the Task Order 2 Amendment 1 equals Forty-Eight Thousand Nine Hundred Fifty-Nine Dollars ($48,959.00) (See Exhibit A) and Task Order 3 Amendment 1 equals Two Hundred Sixty-Six Thousand Two Hundred Seventy Dollars ($266,270.00) (See Exhibit B) and Task Order 4 Amendment 1 equals Eighty-Seven Thousand Three Hundred Four Dollars ($87,304.00) (See Exhibit C) and the previously-approved contingency amount for the anticipated task order to complete the COS/RDS is Forty-Five Thousand Eight Hundred Forty-Two Dollars ($45,842.00) for a total of Four Hundred Forty-Eight Thousand Three Hundred Seventy-Five Dollars ($448,375.00); and

WHEREAS, Amendment #2 to the IDIQ is necessary to increase the maximum contract amount to enable execution of the Task Order 2 Amendment 1, Task Order 3 Amendment 1, and Task Order 4 Amendment 1 and the COS/RDS, the total amount of increase being Four Hundred Forty-Eight Thousand Three Hundred Seventy-Five Dollars ($448,375.00), for a new total contract amount of One Million Seven Hundred Forty-Two Thousand Eight Hundred Sixty Dollars ($1,742,860.00); and

WHEREAS, funding for the EPA projects will be from EPA SRF grant funds applicable to the project.

NOW BE IT THEREFORE RESOLVED, that the Consolidated Commission on Utilities does hereby approve the following:

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU finds that the CER is required as part of GWA's pursuit of Bond measure to fund numerous system water and wastewater system improvements, and COS/RDS is required by the PUC's Docket 19-8 Ordering Provision 7.
3. The CCU hereby approves the funding increase for additional project and contract support services for the current Rt.4, Rt.1, and SSES phase 2 sewer projects and the COS/RDS contingency in the amount of Four Hundred Forty-Eight Thousand Three Hundred Seventy-Five Dollars ($448,375.00).
4. The CCU hereby further approves the total funding authorization for the IDIQ contract with Brown and Caldwell to an amount of One Million Seven Hundred Forty-Two Thousand Eight Hundred Sixty Dollars ($1,742,860.00).
5. The CCU hereby further approves management to pursue notification to the PUC for a contract exceeding One Million Dollars ($1,000,000.00), with the bond-funded portion of the contract totaling less than One Million Dollars ($1,000,000.00) and the remainder of the contract funded by USEPA grants.

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

DULY AND REGULARLY ADOPTED, this 23rd day of June, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

MICHAEL T. LIMTIACO
Secretary

//

SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the 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: 5

NAYS: Ø

ABSENT: Ø

ABSTAIN: Ø



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Exhibit A

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services – Task Order Edition** dated June 27, 2019.

Amendment No. 1 To Task Order No. 2

1. Background Data:

a. Effective Date of Task Order: January 22, 2020

b. Owner: Guam Waterworks Authority

c. Engineer: Brown and Caldwell

d. Specific Project: Project/Contract Management for Route 4 Sewer Line Rehabilitation and Replacement (SRF Grant Project)

2. Description of Modifications

a. The original Task Order included Engineering Services to manage the project and its two construction contracts for the on-going Rt.4 Sewer Line rehabilitation and Replacement construction project through close-out. Because construction has advanced slower than expected and because of difficulties encountered during construction that warranted contract performance time extensions for both contracts, an extension to this Task Order to continue project and contract management to complete the two active construction contracts is necessary. This Amendment will extend the Engineering Services to align with the current construction completion schedule. All Tasks described in the original Task Order remain in effect and are extended under this Amendment No.1 to Task Order No.2 through September 30, 2020.
Lump Sum amounts apply through construction completion, as determined by completion of all punch list work under the two contracts being managed through this Task Order. After construction is complete, work will be billed on a Time and Materials basis using the rates provided in the attached fee proposal.

b. The Schedule for Rendering services under this Task Order is modified as follows:

Party	**Action**	**Original Schedule Date**	**Revised Completion Date**
Engineer	**Task 1 – Task Management**	**July 18, 2020**	**September 30, 2020**
Engineer	**Task 2 – Project/Contract Management**	**July 18, 2020**	**September 30, 2020**

c. For the Additional Services set forth above, Owner shall pay Engineer the following additional compensation:

Description of Service	**Additional**	**Basis of**

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	Amount	Compensation
1. Basic Services during Construction		
a. Task 1 – Task Management	$3,572	Lump Sum
b. Task 2 – Project Management	$6,998	Lump Sum
c. Task 2 – Contract Management	$17,360	Lump Sum
d. Expenses	$275	Lump Sum
e. GRT	$1,484	Lump Sum
Lump Sum Total	$29,689	
2. Basic Services during Close-out		
a. Task 1 – Task Management	$2,156	T&M
b. Task 2 – Project Management	$4,630	T&M
c. Task 2 – Contract Management	$11,520	T&M
d. GRT	$963	
Time and Materials Total	$19,269	
TOTAL ADDITIONAL COMPENSATION (lines 1.a-e and 2.a-d)	**$48,959**	

3. Task Order Summary (Reference only)

a.	Original Task Order amount:	$148,348
b.	Net change for prior amendments:	$0
c.	This amendment amount:	$48,959
d.	Adjusted Task Order amount:	$197,307

The foregoing Task Order Summary is for reference only and does not alter the terms of the Task Order, including those set forth in Exhibit C.

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Owner and Engineer hereby agree to modify the above-referenced Task Order as set forth in this Amendment. All provisions of the Agreement and Task Order not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is May 7, 2020.

OWNER:		ENGINEER:	
By:		By:	
Title:		Title:	Senior Vice President
Date Signed:		Date Signed:	May 7, 2020

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Exhibit B

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services – Task Order Edition** dated June 27, 2019.

Amendment No. 1 To Task Order No. 3

1. Background Data:

a. Effective Date of Task Order: January 22, 2020

b. Owner: Guam Waterworks Authority

c. Engineer: Brown and Caldwell

d. Specific Project: Project/Contract Management for Asan-Adelup-Hagatna, Route 1 Sewer Line Rehabilitation and Replacement (SRF Grant Project)

2. Description of Modifications

a. The original Task Order included Engineering Services to progress the Adelup to Hagatna section of sewer rehabilitation (phase 2) through the re-design and bidding stages to award a construction contract. This Amendment will expand and extend the Engineering Services for Adelup to Hagatna - to include Project Management services throughout the construction phase of the Adelup to Hagatna section of sewer rehabilitation under a new Task #4 and include extending services under Task 1 – Task Management. This Task Order also extends the duration of work under Task 2 – Project/Contract Management-Asan to Adelup – to align with the current construction completion schedule.

b. The Engineer shall perform the following additional services:

1. Extend the Duration of Task 1: Management Services to provide additional time and effort to complete the project. The extended project duration is through December 31, 2021.
2. Extend the duration of Task 2: Project/Contract Management to provide additional time and effort to continue the active construction work on the Asan to Adelup sewer rehabilitation contract through the anticipated construction completion - October 1, 2020.
3. Extend the duration of Task 3: Contracting Assistance to provide additional time to complete the task up to the contract advertisement anticipated to be by December 30, 2020 for the Adelup to Hagatna segment.
4. **Add Task 4** to provide Project/Contract Management Services for the Adelup to Hagatna segment of sewer rehabilitation (phase 2) to be constructed under a new GWA contract. It is anticipated that the duration of Task 4 will continue through December 2021. Task 4 Services will include:
   A. The Engineer will manage the project and its contracts for the Phase 2 Adelup-Hagatna segment of the Asan-Adelup-Hagatna, Route 1 Sewer Line Rehabilitation and Replacement construction project through closeout. The Engineer will provide project management oversight and technical subject matter expertise for the subject project including GWA's Phase 2 construction management consultant, the construction contractor, and GWA's contract with HDR for engineering support services during construction. The Engineer will

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handle consultant and contractor payment requests and substantiate documentation for pay requests. The Engineer will perform contract management, monitor contractor work plans, review cost breakdowns and schedules of values, attend meetings with USEPA, verify as-built drawings are being prepared by others, and submit final copies of work products to GWA and USEPA. The Engineer will perform Change Order management and provide advance notification of change conditions and budget category transfer request to USEPA and seek USEPA approvals. The Engineer will assist GWA in issuing a letter at the close of the project certifying that the project meets or does not meet project performance standards. Corrective action reports and cost estimates for corrective action will be prepared, along with a schedule for corrective action. The Engineer will assist GWA in meeting Federal cost-cutting requirements and conformance compliance with Federal regulations. The Engineer will help GWA obtain correct Davis Bacon prevailing wages determinations and assist in monitoring for Davis Bacon compliance, as requested by GWA.

B. Work to be performed:
   - Control cost and manage the construction budget, and the CM budget
   - Facilitate project team cooperation and input
   - Maintain project files
   - Review invoices and recommend payment, verify quantities
   - Manage contractor contracts
   - Manage construction manager contract
   - Monitor Progress schedules
   - Perform random periodic site visits on an as-needed basis
   - Track RFI's, RFP's, FO's, change orders, shop drawings and other submittals
   - Conduct claims analysis and claims resolution
   - Determine substantial completion and prepare list of incomplete or unsatisfactory items and a schedule for their completion
   - Ensure appropriate level of communication and public outreach
   - Deliver all project files to GWA digitally archived and one hard copy of relevant documents
   - Deliver as-built record drawings to GWA

c. The Schedule for Rendering services under this Task Order is modified as follows:

Party	**Action**	**Original Schedule Date**	**Revised Completion Date**
Engineer	**Task 1 – Task Management**	**July 18, 2020**	**December 30, 2021**
Engineer	**Task 2 – Project/Contract Management – Asan to Adelup**	**July 18, 2020**	**October 1, 2020**
Engineer	**Task 3 – Contracting Assistance – Adelup to Hagatna**	**July 18, 2020**	**December 30, 2020**
Engineer	**Task 4 – Project/Contract Management (Phase 2) –**		**December 30, 2021**

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	Adelup to Hagatna		

d. For the Additional Services set forth above, Owner shall pay Engineer the following additional compensation:

Description of Service	Additional Amount	Basis of Compensation
1. Basic Services		
a. Task 1 – Task Management	$22,302	Lump Sum
b. Task 2 – Project Management – Asan to Adelup	$16,364	Lump Sum
c. Task 2 – Contract/Contruction Management – Adelup to Hagatna	$30,736	Lump Sum
d. Task 3 – Contracting Assistance – Adelup to Hagatna	$0	*No change*
e. Task 4 – Project/Contract Management – Adelup to Hagatna (phase 2)	$183,328	Lump Sum
f. Expenses	$227	Lump Sum
g. GRT	$13,313	Lump Sum
TOTAL ADDITIONAL COMPENSATION (lines 1.a-g)	**$266,270**	

3. Task Order Summary (Reference only)

a.	Original Task Order amount:	$209,780
b.	Net change for prior amendments:	$0
c.	This amendment amount:	$266,270
d.	Adjusted Task Order amount:	$476,050

The foregoing Task Order Summary is for reference only and does not alter the terms of the Task Order, including those set forth in Exhibit C.

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Owner and Engineer hereby agree to modify the above-referenced Task Order as set forth in this Amendment. All provisions of the Agreement and Task Order not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is March 20, 2020.

OWNER:		ENGINEER:	
By:	_____	By:	_____
Title:	_____	Title:	_____
Date Signed:	_____	Date Signed:	_____

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Exhibit C

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services – Task Order Edition** dated June 27, 2019.

Amendment No. 1 To Task Order No. 4

1. Background Data:

a. Effective Date of Task Order: January 22, 2020

b. Owner: Guam Waterworks Authority

c. Engineer: Brown and Caldwell

d. Specific Project: Project/Contract Management for Southern SSES Rehabilitation – Phase 2 (Baza Gardens-Santa Rita-Talofofo) (SRF Grant Project)

2. Description of Modifications

a. The original Task Order included Engineering Services to manage the project and construction of the Hyundai Subdivision lift station for the on-going Southern SSES Rehabilitation – Phase 2 (Baza Gardens-Santa Rita-Talofofo) construction project through close-out. Design and subsequent construction is far behind schedule and has caused a delay in the progress of the project. In addition, GWA has requested that BC arrange for the archaeological monitoring plan and field monitoring for the lift station and force main construction. For these reasons, this Amendment No. 1 to Task Order No.4 extends the completion date of the Task Order to continue project and contract management to complete the active construction contract and increases the scope of work to include archaeological services. If an archaeological discovery is made during construction that requires specialized recovery or documentation, these services are not included in 1.d in table below but will be added by future Change Order reflecting actual work done at a daily rate of $1,320 plus tax. This Amendment No.1 will extend the Engineering Services to align with the current estimated construction schedule. All Tasks described in the original Task Order remain in effect and are extended under this Amendment No.1 to Task Order No.2 through December 31, 2020.

b. The Schedule for Rendering services under this Task Order is modified as follows:

Party	Action	Original Schedule Date	Revised Completion Date
Engineer	Task 1 – Task Management	July 18, 2020	December 31, 2020
Engineer	Task 2 – Project/Contract Management/Archaeological Monitoring	July 18, 2020	December 31, 2020

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c. For the Additional Services set forth above, Owner shall pay Engineer the following additional compensation:

Description of Service	Additional Amount	Basis of Compensation
1. Basic Services		
a. Task 1 – Task Management	$7,024	Lump Sum
b. Task 2 – Project Management	$22,328	Lump Sum
c. Task 2 – Contract Management	$39,776	Lump Sum
d. Task 2 - Archaeological Monitoring	$12,601	
e. Expenses	$1,210	Lump Sum
f. GRT	$4,365	Lump Sum
TOTAL ADDITIONAL COMPENSATION (lines 1.a-f)	**$87,304**	

3. Task Order Summary (Reference only)

a.	Original Task Order amount:	$181,924
b.	Net change for prior amendments:	$0
c.	This amendment amount:	$87,304
d.	Adjusted Task Order amount:	$269,228

The foregoing Task Order Summary is for reference only and does not alter the terms of the Task Order, including those set forth in Exhibit C.

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Owner and Engineer hereby agree to modify the above-referenced Task Order as set forth in this Amendment. All provisions of the Agreement and Task Order not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is May 28, 2020.

OWNER:		ENGINEER:	
By:		By:	Raymond N. Matarese
Title:		Title:	Senior Vice President
Date Signed:		Date Signed:	May 21, 2020

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Guam Waterworks Authority
PM/CM IDIQ

Hyundai Subdivision Lift Station Project Management and Contract Management

Assumptions:
Extended duration to December 31, 2020

1. Task Management

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
General task management	4	6	2					4		20	36	$4,940	$1,210		$6,150
Weekly meeting with GWA	2		2							12	16	$2,084			$2,084
Totals	6	6	4	0	0	0	0	4	0	32	52	$7,024	$1,210	$0	$8,234
	$ 1,656	$ 960	$ 1,144	$ -	$ -	$ -	$ -	$ 704	$ -	$ 2,560				Tax:	$433
	20.1%	11.7%	13.9%	0.0%	0.0%	0.0%	0.0%	8.5%	0.0%	31.1%				Grand Total:	$8,667

Avg labor $135 /hr

2. Project Management

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
Coordination with GWA/EPA	24	30								8	62	$12,064			$12,064
Schedule Management and Documentation	14	40									54	$10,264			$10,264
QA/QC Review of deliverables	0	0								0	0	$0			$0
Totals	38	70	0	0	0	0	0	0	0	8	116	$22,328	$0	$0	$22,328
	$ 10,488	$ 11,200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 640				Tax:	$1,175
	47.0%	50.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%				Grand Total	$23,503

Avg labor $192 /hr

3. Contract and Construction Management

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
Coordination with Contractor	16	24									40	$8,256			$8,256
Management of Contract matters (change orders, payments, etc)	16	48								0	64	$12,096			$12,096
Field Inspection	24	80									104	$19,424			$19,424
Archaeological Monitoring														$11,455	$12,601 * Includes 10% BC mark-u
Totals	56	152	0	0	0	0	0	0	0	0	208	$39,776	$0	$11,455	$52,377
	$ 15,456	$ 24,320	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -				Tax:	$2,757
	38.9%	61.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				Grand Total	$55,133

Avg labor $191 /hr

4. Expenses

Expense Description	Units	Unit Amount	Quantity	Extension
Airfare - Mainland	roundtrip	$3,000		$0
Rental car	day	$75		$0
Per diem	person-day	$250		$0
Mileage	mile	$0.550	2200	$1,210
Total expenses				$1,210

Total Task Order

Doc. No. 35GL-20-1920.*

Description	Labor Hours										Labor Hours	Labor Cost	ODCs		Subtotal
	Riegel	Claveria	Matasci	Bilz	0	0	0	Tamai	0	Ligaya			Travel	Subs/Misc	
1. Task Management	6	6	4	0	0	0	0	4	0	32	52	$7,024	$1,210	$0	$8,234
2. Project Management	38	70	0	0	0	0	0	0	0	8	116	$22,328	$0	$0	$22,328
3. Contract and Constrtuction Management	56	152	0	0	0	0	0	0	0	0	208	$39,776	$0	$12,601	$52,377
4. Expenses															
Totals	100	228	4	0	0	0	0	4	0	40	376	$69,128	$1,210	$0	$82,939
	$27,600	$36,480	$1,144	$0	$0	$0	$0	$704	$0	$3,200				Tax:	$4,365
	39.2%	51.9%	1.6%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	4.5%				Grand Total:	$87,304
											Avg labor	$184 /hr			

Doc. No. 35GL-20-1920.*

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

RESOLUTION NO. 29-FY2020

RELATIVE TO APPROVING THE GUAM WATERWORKS AUTHORITY'S "2020-2024 CAPITAL IMPROVEMENT PLAN (CIP) SUPPLEMENT"

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority ("GWA"); and

WHEREAS, the Guam Waterworks Authority ("GWA") is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, the CCU previously approved via Resolution No. 20-FY2019 the 2020-2024 Capital Improvements Plan ("CIP"), which planned capital projects with expenditures coming from the 2020 bond issuance in the amount of One Hundred Eight Million Nine Hundred Twenty-Six Thousand Dollars ($108,926,000.00); and

WHEREAS, the petition to the Public Utilities Commission also reflected a 2020 Bond funding plan of One Hundred Eight Million Nine Hundred Twenty-Six Thousand Dollars ($108,926,000.00); and

WHEREAS, on June 4, 2020 GWA closed on the 2020A bond issuance that provided net proceeds for construction funds to the capital improvement projects in the amount of One Hundred Twenty-Three Million Five Hundred Ninety Thousand Two Hundred Sixty-Eight Dollars and Sixty Five Cents ($123,590,268.65) which is an additional Fourteen Million Six Hundred Sixty-Four Thousand Two Hundred Sixty-Eight Dollars and Sixty-Five Cents ($14,664,268.65) above what was planned to acquire for the construction funds from the 2015 Bond proceeds; and

WHEREAS, due to the additional 2020A bond proceeds that GWA was able to acquire, the 2020-2024 CIP as previously approved does not reflect this fact and as such GWA management requests approval by the CCU relative to the distribution of the additional proceeds within the CIP; and

WHEREAS, the "Series 2020A Bond Supplement" (see Exhibit A) maintains the same capital line items as the previously approved 2020-2024 CIP, however the changes to the CIP line items are as follows 1) some of the additional 2020A Bond proceeds realized were used where planned Internally Funded CIP (IFCIP) allotments were identified given that GWA revenues are anticipated to drop due to economic challenges from the recent global pandemic and 2) some CIP line items with 2020 allotments received additional funding; and

WHEREAS, the CIP line items that experienced fund allotment changes to the 2020A bond proceeds are as follows:

- MP-Gen-Misc-01 "GWA Systems Planning": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address water and wastewater system capital improvements;
- MP-Gen-Misc-03 "Surveying and Property Delineation": $250,000 of 2020A proceeds were added to the CIP line item to address property ownership where GWA facilities exist as a means to validate GWA asset value;
- MP-Gen-Misc-04 "Information Technology Improvements": $1,250,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address GWA Information Technology hardware and software needs to improve service to customers;
- MP-Gen-Misc-05 "GWA Infrastructure Improvements": $2,000,000 of 2020A proceeds were added to the CIP line item to address structural and functional improvements are various GWA facilities;
- MP-Gen-Misc-06 "GPWA Fleet Maintenance Facility": $500,000 of 2020A proceeds were added to the CIP line item to address structural and functional improvements at GWA's heavy equipment repair facility;

- MP-Gen-Misc-09 "Security and Resilience Program": $100,000 of 2020A proceeds were added to the CIP line item to address security improvements for GWA asset and facilities;
- PW 05-06 "Water Booster Pump Station": $200,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address service reliability to area's served by a BPS.
- PW 05-09 "Leak Detection": $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address non-revenue water loss.
- PW 05-10 "Potable Water System Planning": $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address design services for the water system;
- PW 09-01 "Ugum Water Treatment Plant Intake": $200,000 of 2020A proceeds were added to the CIP line item and $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address the intake structure improvements within the river;
- PW 09-02 "Water Wells": $500,000 of 2020A proceeds were added to the CIP line item to address source water improvements;
- PW 09-11 "Water System Reservoirs 2005 Improvements": $900,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address court order projects related to GWA's reservoirs.
- MP-PW-Pipe-13 "2-Inch Pipe Replacement Program": $800,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address old 2-Inch diameter galvanized pipe prone to leaks;
- MP-PW-Pipe-15 "PRV Rehab and Replacement": $550,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to improve pressure zone management as one of the means of reducing water loss;
- MP-PW-BPS-01 "Rehabilitate and Replace BPSs": $200,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to service reliability to area's served by a BPS.
- MP-PW-SWTP-01 "Ugum SWTP Intake Cleaning Project": $380,000 of 2020A proceeds were added to the CIP line address the intake structure improvements within the river;

- MP-PW-SWTP-02 "Ugum SWTP Intake Modifications": $174,000 of 2020A proceeds were added to the CIP line address the intake structure improvements within the river;
- MP-PW-SWTP-03 "Ugum SWTP Reliability Improvements": $150,000 of 2020A proceeds were added to the CIP line address the overall plant improvements;
- MP-PW-Well-01 "Well Rehabilitation Program": $1,900,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address source water improvements;
- MP-PW-Well-03 "Capacity Enhancement – Well Exploration Program": $500,000 of 2020A proceeds were added to the CIP line address source water improvements;
- MP-PW-Well-05 "Wellhead Protection Program": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address source water protection measures;
- MP-PW-Well-06 "Well Repair Program": $500,000 of 2020A proceeds were added to the CIP line item and $200,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address service reliability of GWA's production wells:
- MP-PW-Misc-01 "South Guam Water Supply Study": $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address source water reliability for the villages of Umatac and Merizo;
- MP-PW-Misc-04 "OneGuam Program": $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address future grow needs related to DoD expansion.
- MP-PW-Misc-05 "Leak Detection Assistance": $150,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address non-revenue water loss;
- WW 09-01 "Lift station upgrades": $800,000 of 2020A proceeds were added to the CIP line item and $250,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station and force main improvements required under the pending USEPA Consent Decree;

- WW 09-01 "Wastewater Collection System Repl/ Rehabilitation": $250,000 of 2020A proceeds were added to the CIP line item and $1,050,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system improvements required under the pending USEPA Consent Decree;
- MP-WW-Pipe-01 "Gravity Pipe Rehabilitation/Replacement Program": $1,800,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system improvements required under the pending USEPA Consent Decree;
- MP-WW-Pipe-03 "Route 1 Piti Pipe Rehabilitation/Replacement": $600,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system improvements required under the pending USEPA Consent Decree;
- MP-WW-Pipe-17 "Mamajanao Capacity Replacement": $414,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station capacity improvements;
- MP-WW-FM-04 "Hagåtña WWTP Force Main Rehabilitation/Replacement": $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address force main improvements required under the pending USEPA Consent Decree;
- MP-WW-Pump-01 "Lift Station Rehabilitation/Replacement Program": $400,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station and force main improvements required under the pending USEPA Consent Decree;
- MP-WW-Pump-02 "Tumon Basin - Fujita Lift Station Analysis": $600,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address sewer pump station and force main improvements required under the pending USEPA Consent Decree;
- MP-WW-WWTP-09 "Ocean Outfall Inspection Program": $100,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address outfall pipe improvements needs;
- MP-WW-Misc-01B "Update Wastewater Collection System Model (Continued)": $50,000 of 2020A proceeds were added in lieu of IFCIP

funding allotment to address collection system CIP planning needs associated with I&I reduction;

- MP-WW-Misc-02 "I/I and SSES Assessments": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address I&I reduction;
- MP-WW-Misc-03 "Miscellaneous Wastewater Improvements": $500,000 of 2020A proceeds were added to the CIP line item to address collection system design improvement requirements as well as CIP infrastructure upgrade;
- MP-WW-Misc-04 "Fats, Oils, and Grease Study": $50,000 of 2020A proceeds were added in lieu of IFCIP funding allotment to address collection system reliability and I&I reduction;

WHEREAS, the "2020-2024 CIP Supplement" shall serve as a bridging document until the annual CIP update occurs at the beginning of each fiscal year; and

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve and authorize the following:

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The 2020-2025 CIP Supplement attached as Exhibit A is incorporated into this resolution in its entirety.
3. The CCU approves the "2020-2024 CIP Supplement" in its entirety and concurs with the distribution of the additional funds acquired during the closing of the 2020 Bond issuance.
4. The CCU further authorizes GWA management to submit the "2020-2024 CIP Supplement" to the PUC for their records and petition the PUC's approval to begin using the 2020 bond proceeds.

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

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DULY AND REGULARLY ADOPTED AND APPROVED this 23rd day of June, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

MICHAEL T. LIMTIACO
Secretary

SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the 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: 5

NAYS: ϕ

ABSENT: ϕ

ABSTAIN: ϕ

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EXHIBIT A - SERIES 2020A BONDS SUPPLEMENT

GWA Cat	Project #	Description	Series 2020A Funding Amount ($000) April 2019 (CCU)				Series 2020A Funding Amount ($000) June 2020		
			FY2019	FY2020	FY2021	FY2022	FY2020	FY2021	FY2022
EE	EE 09-02	Electrical Upgrade - Water Wells		$ 90			$ 90		
EE	EE 09-04	Electrical Upgrade -Water Booster		$ 150			$ 150		
EE	EE 09-05	Electrical Upgrade - Other Water		$ 100			$ 100		
EE	EE 09-07	SCADA Improvements – Phase 2		$ 45			$ 45		
EE	EE 09-08	SCADA Improvements – Phase 3		$ 25			$ 25		
EE	MP-Gen-EE-01	SCADA Implementation Phase A2 – Initial Project Completion	$ 1,000	$ 1,000	$ 2,250		$ 2,000	$ 2,250	
MISC	MP-Gen-Misc-01	GWA Systems Planning	$ 500				**$ 550**		
MISC	MP-Gen-Misc-02B	WRMP Update (Interim Update)		$ 200			$ 200		
MISC	MP-Gen-Misc-03	Surveying and Property Delineation	$ 250				**$ 250**		
MISC	MP-Gen-Misc-04	Information Technology Improvements	$ 200	$ 200			**$ 1,650**		
MISC	MP-Gen-Misc-05	GWA Infrastructure Improvements	$ 500		$ 2,000		$ 500	**$ 2,000**	
MISC	MP-Gen-Misc-06	GPWA Fleet Maintenance Facility	$ 500				**$ 500**		
MISC	MP-Gen-Misc-07	Mobile Equipment Replacement Program	$ 400	$ 400			$ 800		
MISC	MP-Gen-Misc-08	General Plant Improvements	$ 500	$ 500			$ 1,000		
MISC	MP-Gen-Misc-09	Security and Resilience Program	$ 100	$ 100			**$ 200**		
PW	PW 05-06	Water Booster Pump Station			$ 500			**$ 700**	
PW	PW 05-09	Leak Detection						**$ 400**	
PW	PW 05-10	Potable Water System Planning						**$ 400**	
PW	PW 05-13	Deep Well Rehabilitation		$ 350			$ 350		
PW	PW 05-14	New Deep Wells at Down Hard		$ 500			$ 500		
PW	PW 05-15	Rehabilitation of Asan Springs		$ 550			$ 550		
PW	PW 09-01	Ugum Water Treatment Plant Intake	$ 200				**$ 200**	**$ 400**	
PW	PW 09-02	Water Wells					**$ 500**		
PW	PW 09-03	Water Distribution System Pipe Replacement and Upgrades		$ 500	$ 500	$ 1,250	$ 500	$ 500	$ 1,250
PW	PW 09-11	Water System Reservoirs 2005 Improvements	$ 17,000	$ 8,000			**$ 25,100**	**$ 800**	
PW	PW 11-02	Ugum Water Treatment Plant Reservoir	$ 7,500				$ 7,500		
PW	PW 12-06	Tank Replacement Piti & Hyundai	$ 6,500				$ 6,500		
PW	MP-PW-Pipe-04	Hyundai Well Piping	$ 500				$ 500		
PW	MP-PW-Pipe-05	Kaiser Zone Looping	$ 300				$ 300		
PW	MP-PW-Pipe-06	Mangilao Pressure Zone Realignment	$ 300				$ 300		
PW	MP-PW-Pipe-07	Mataguac BPS Suction Piping			$ 500			$ 500	
PW	MP-PW-Pipe-10	Miscellaneous Piping Projects		$ 100	$ 100		$ 100	$ 100	
PW	MP-PW-Pipe-11	Miscellaneous Piping Connections		$ 100	$ 100		$ 100	$ 100	
PW	MP-PW-Pipe-12	Rehabilitation and Replacement Program	$ 1,000		$ 1,000		$ 1,000	$ 1,000	
PW	MP-PW-Pipe-13	2-Inch Pipe Replacement Program	$ 1,550	$ 180	$ 800		**$ 2,230**	**$ 1,100**	
PW	MP-PW-Pipe-15	PRV Rehab and Replacement	$ 500		$ 1,000		**$ 750**	**$ 1,300**	
PW	MP-PW-Pipe-16	Valve Exercise, Repair, and Replacement Program		$ 250			$ 250		
PW	MP-PW-Pipe-17	Cross Island Highway Piping			$ 100			$ 100	
PW	MP-PW-Tank-22	Existing Tank Inspections	$ 150				$ 150		
PW	MP-PW-Tank-23	Recurring Tank Inspections		$ 200	$ 200		$ 200	$ 200	
PW	MP-PW-BPS-01	Rehabilitate and Replace BPSs	$ 209				**$ 309**	**$ 100**	
PW	MP-PW-BPS-02	Nimitz Hill Upper BPS	$ 48				$ 48		
PW	MP-PW-SWTP-01	Ugum SWTP Intake Cleaning Project	$ 380				**$ 380**		
PW	MP-PW-SWTP-02	Ugum SWTP Intake Modifications	$ 174	$ 1,000			**$ 1,174**		
PW	MP-PW-SWTP-03	Ugum SWTP Reliability Improvements	$ 150	$ 1,000			**$ 1,150**		
PW	MP-PW-Well-01	Well Rehabilitation Program		$ 200	$ 1,500		**$ 300**	**$ 3,300**	

EXHIBIT A - SERIES 2020A BONDS SUPPLEMENT

GWA Cat	Project #	Description	Series 2020A Funding Amount ($000) April 2019 (CCU) FY2019	FY2020	FY2021	FY2022	Series 2020A Funding Amount ($000) June 2020 FY2020	FY2021	FY2022
PW	MP-PW-Well-03	Capacity Enhancement – Well Exploration Program	$ 500				**$ 500**		
PW	MP-PW-Well-05	Wellhead Protection Program		$ 250			**$ 300**		
PW	MP-PW-Well-06	Well Repair Program	$ 500	$ 250	$ 250		**$ 950**	$ 250	
PW	MP-PW-Misc-01	South Guam Water Supply Study					**$ 100**		
PW	MP-PW-Misc-02	Master Meter Implementation and Ongoing Meter Replacement	$ 250	$ 250	$ 250		$ 500	$ 250	
PW	MP-PW-Misc-04	OneGuam Programxx					**$ 50**	**$ 50**	
PW	MP-PW-Misc-05	Leak Detection Assistance					**$ 150**		
WW	WW 05-04	Wastewater System Planning		$ 150			$ 150		
WW	WW 09-01	Lift station upgrades						**$ 1,050**	
WW	WW 09-06	Wastewater Collection System Repl/ Rehabilitation		$ 100			**$ 350**	**$ 1,050**	
WW	MP-WW-Pipe-01	Gravity Pipe Rehabilitation/Replacement Program		$ 170			$ 170	**$ 1,800**	
WW	MP-WW-Pipe-03	Route 1 Piti Pipe Rehabilitation/Replacement	$ 340				**$ 940**		
WW	MP-WW-Pipe-04	Southern Link Pump Station Pipe Rehabilitation/Replacement	$ 657				$ 657		
WW	MP-WW-Pipe-17	Mamajanao Capacity Replacement		$ 400			$ 400	**$ 414**	
WW	MP-WW-Pipe-26	Finile Drive Rehabilitation - Agat	$ 63	$ 750			$ 813		
WW	MP-WW-Pipe-27	Septic/Cesspool System Reduction Program			$ 350				$ 350.27
WW	MP-WW-MH-01	Manhole Rehabilitation Program		$ 350			$ 350		
WW	MP-WW-FM-01	Force Main Rehabilitation/Replacement Program			$ 100			$ 100	
WW	MP-WW-FM-02	Replace Yigo Lift Station Force Main			$ 200			$ 200	
WW	MP-WW-FM-03	Route 1 Asan Force Main Rehabilitation/Replacement	$ 2,124				$ 2,124		
WW	MP-WW-FM-04	Hagåtña WWTP Force Main Rehabilitation/Replacement	$ 5,000	$ 1,500			**$ 6,600**		
WW	MP-WW-Pump-01	Lift Station Rehabilitation/Replacement Program		$ 1,420	$ 6,500		**$ 1,820**	$ 6,500	
WW	MP-WW-Pump-02	Tumon Basin - Fujita Lift Station Analysis	$ 1,000	$ 5,000	$ 3,000		**$ 6,600**	$ 3,000	
WW	MP-WW-Pump-03	Replacement of Former Navy Pump Station (Donut Hole)	$ 100	$ 1,201			$ 1,301		
WW	MP-WW-WWTP-08	Northern District WWTP Completion			$ 7,500			$ 7,500	
WW	MP-WW-WWTP-09	Ocean Outfall Inspection Program					**$ 100**		
WW	MP-WW-Misc-01B	Update Wastewater Collection System Model (Continued)					**$ 50**		
WW	MP-WW-Misc-02	I/I and SSES Assessments					**$ 50**		
WW	MP-WW-Misc-03	Miscellaneous Wastewater Improvements	$ 500				**$ 500**		
WW	MP-WW-Misc-04	Fats, Oils, and Grease Study					**$ 50**		
	Subtotal by Fund Source		$ 51,445	$ 27,531	$ 28,700	$ 1,250	$ 84,576	$ 37,414	$ 1,600
	Grand Total by Fund Source					**$ 108,926**			**$ 123,590.27**

CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

GPA RESOLUTION NO. 2020-15
GWA RESOLUTION NO. 30-FY2020

RELATIVE TO THE GUAM POWER AUTHORITY AND THE GUAM WATERWORKS AUTHORITY (GPWA) OFFERING PAYMENT PLANS FOR CUSTOMERS EXPERIENCING FINANCIAL HARDSHIP DURING THE CORONAVIRUS STATE OF EMERGENCY

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual, and policy matters relative to the Guam Power Authority (GPA) and Guam Waterworks Authority ("GWA"); and

WHEREAS, GPA and GWA are Guam Public Corporations established and existing under the laws of Guam; and

WHEREAS, in response to the Global Health Emergency declared by the World Health Organization and the national emergency declared by President Donald Trump, on March 14, 2020, Governor Lourdes A. Leon Guerrero, issued Executive Order 2020-03 declaring a State of Emergency to respond to coronavirus (COVID-19) pandemic; and

WHEREAS, Executive Order 2020-05 ordered the closure of businesses except for certain exemptions such as healthcare operations, grocery stores, gas stations and hardware stores during the COVID-19 emergency period; and

WHEREAS, between March 16, 2020 and June 30, 2020, GPA and GWA suspended customer account disconnections during the pandemic emergency period; and

WHEREAS, Executive Orders 2020-06, 2020-09, 2020-11 and 2020-16 extended the COVID-19 State of Emergency and shut down non-essential government and business

operations through April 13, 2020, May 5, 2020, May 30, 2020 and June 29, 2020 respectfully; and

WHEREAS, GPA & GWA responded to the COVID-19 pandemic by suspending non-payment disconnections to protect the health and safety of customers and assist those suffering economic hardship due to job loss or reduced or lost business; and

WHEREAS, as of June 12, 2020, 1508 businesses have reported 27,190 employees have been laid off, furloughed or had their work hours reduced as a direct result of the COVID-19 pandemic; and

WHEREAS, as of June 6, 2020, 1999 businesses impacted by the COVID-19 pandemic have received more than $194 Million in Paycheck Protection Program forgivable low-interest loans to retain workers, maintain payroll, and cover certain other existing overhead costs; and

WHEREAS, in joint coordination, GPA & GWA General Managers extended the suspension of non-payment disconnections through June 30, 2020 to allow time for customers to receive assistance from federal and local economic relief programs; and

WHEREAS, the CCU has expressed the desire to keep utility payments affordable for customers and maintain continuity of utility services by allowing extended payment plans to customers with outstanding amounts owed due to the hardship caused by the COVID-19 pandemic; and

WHEREAS, both utilities propose to offer residential customers a payment plan option, up to twelve (12) months, on a case by case basis, to provide customers with enough time to pay their current utility bills and outstanding amounts owed; and

WHEREAS, both utilities propose to offer business customers a payment plan option up to twelve (12) months, on a case by case basis, after evaluating their ability to remain current with future bills and pay outstanding amounts owed; and,

WHEREAS, each utility's ability to provide payment plans may be constrained by promulgated service rules or PUC orders and may require authorization to seek PUC approval for the proposed COVID-19 Relief Programs; and,

WHEREAS, GPA and GWA are committed to helping all ratepayers get through these difficult times and encourage customers to make their utility payments before July 1, 2020 or enter into a payment plan.

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve the following:

1. The CCU recognizes the hardship caused to GPA and GWA residential customers because of the COVID-19 pandemic and approves creating a COVID-19 Relief Program to offer up to twelve (12) month payment plans for unpaid bills for residential customers.
2. The CCU recognizes the hardship caused to GPA and GWA business customers because of the COVID-19 pandemic and approves creating a COVID-19 Relief Program to offer business customers a payment plan option up to twelve (12) months, on a case by case basis after evaluating the customer's ability to remain current with future bills and make partial payments on outstanding amounts owed.
3. All penalties and late fees, including interest are waived for all residential and business customers entering a COVID-19 payment plan.
4. The CCU authorizes GPA and GWA to petition the PUC as needed for approval of the proposed COVID-19 Relief Programs.

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

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DULY and REGULARLY ADOPTED and APPROVED THIS 16th DAY OF JUNE, 2020.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

MICHAEL T. LIMTIACO
Secretary

SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the 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: 5

NAYS: Ø

ABSENT: Ø

ABSTAIN: Ø

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