



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., July 23, 2019

AGENDA

1. CALL TO ORDER
2. APPROVAL OF MINUTES
3. COMMUNICATIONS
 - 3.1 Public Comments (2 min. per person)
4. GWA
 - 4.1 New Business
 - 4.1.1 GM Report
 - 4.1.2 Financials
 - 4.1.3 Resolution No. 38-FY2019 Approval of Fire Hydrant (Dry Barrel) Replacement Project
 - 4.1.4 Resolution No. 39-FY2019 Approval of Contract with Total Chemicals and JMI Edison Add'l Purchase of WasteWater Chemicals
5. GPA
 - 5.1 New Business
 - 5.1.1 GM Report
 - 5.1.2 Financials
 - 5.1.3 Resolution No. 2019-10 Diesel Fuel Oil #2 Contract
 - 5.1.4 Resolution No. 2019-11 Out of Service Inspection & Refurbishment of GPA Bulk Storage Fuel Tanks
6. OTHER
 - 6.1 Potential Ad Hoc CCU Committees
 - 6.2 CCU FOIA Responses
 - 6.3 GPA Drug Policy
7. ANNOUNCEMENTS
 - 7.1 Next CCU Meetings: GWA WS 8/20; GPA WS 8/22; CCU MTG 8/27
8. ADJOURNMENT



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Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., April 25, 2019

MINUTES

1. CALL TO ORDER

The Chairman called the CCU April 25, 2019 regular meeting to order at 5:30 p.m. He said all five (5) Commissioners were present. Others in attendance include:

Commissioners:

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

Executive Mgmt.:

Miguel Bordallo	GM / GWA
John Benavente	GM / GPA
Gilda Mafnas	CFO [A] / GWA
Melinda Mafnas	AGMO / GPA
John Cruz	AGMET / GPA
Tricee Limtiaco	AGMA / GPA
Chris Budasi	AGMA / GWA
Gilda Mafnas	CFO (A) / GPA
Cora Montellano	CFO [A] / GPA

Management & Staff:

Ron Topasna	O&M Mgr, Water Treatment / GWA
Patti Diego	Communications Mgr [A] / GPA
Zina Charfauros	Personnel Admin. / GWA HR
Ann Borja-Gallarde	Mgmt. Analyst / GWA Ex.Office
Joyce Sayama	Mgmt. Analyst / GPA Ex.Office
Lou Sablan	Board Secretary / CCU

Guest:

Angelica Perez	AM Insurance
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2. APPROVAL OF MINUTES

The Minutes of February 26, 2019 was presented for approval.

Comm; Guthertz motioned to approve the Minutes subject to verification and written correction; second by Comm. Limtiaco. There was no further discussion or objection and the motion passed unanimously.

3. COMMUNICATIONS

3.1 Public Comments

GM Bordallo asked the Chairman if he could please make a statement. He thanked the board and especially the Chairman for their confidence, support and recognition. He said the recent media reports and commentary relative to the salary adjustment issue do not reflect the board's true intent of advancing the utilities and the suggestion of any ill intent or bad faith by anyone is simply ridiculous. He said unfortunately this is what is out there and however far from the truth it is, it is a distraction to him from the important work that needs to be done and while the board has not provided any direction on this issue pending advise from counsel. He added that as a professional he understands the process that needs to occur but nonetheless wants to publicly state for the record that he will return the bonus and pay amount that he received to date. He said he wanted to make sure that this is noted for the record. The Chairman acknowledged and thanked Mr. Bordallo for his candidness and his statement and added that this matter will be dealt with at a special meeting in the future.

4. GPA

4.1 New Business

4.1.1 GM Report

The GM said he provided his report at the GPA Work Session last week said he is open to any questions.

The Chairman said he had a question on the status of the bid for the new generation plant

The GM said 4 bidders have submitted and technical documents are being reviewed – the Committee will review and advise proponents by May 15th whether they've passed or failed. Prices are expected to come in on May 29 with public opening on June 3. After this phase the evaluation process and then by June-July there would be more firm findings and possibly approval, then forward to PUC. The GM said the final bid price includes several components other costs. More time is needed because figures provided would be run through a formula for calculations via a model that all proponents were provided.

Comm Sanchez reviewed the DSM report provided and asked status of fund balance for DSM. The GM said that average expenditure is about \$100k per month and based on current fund balance it should run through the next 8 months. It was discussed that there is a resolution that was put on hold pending CCU / management decision on how to best fund DSM going forward – either via LEAC or other funding source.

GM Benavente gave CCU a couple of sheets that shows what portion of LEAC management anticipates DSM will impact. It was mentioned that DSM would incorporate \$4M per LEAC period, to include expansion for Commercial program, non-profits and small businesses. Currently DSM supports only residential customers.

There was also discussion on the LEAC under recovery and the cost of oil which keeps going up. The cost of barrel now is \$73 per barrel.

4.1.2 Financials

Acting CFO Montellano said March Financials show revenues \$2M below forecast; kWh sales is still 4% behind forecast and 5% behind prior year. There's a strong correlation in May-June when the LEAC increase sales dropped tremendously and has not recovered. It was mentioned that the Navy continues to improve their system too and as our largest customer, it impacts sales.

Comm. Sanchez said his concern is when GPA moves to ULSD it makes it worse, even if we will be burning less of it with the new plant. At what point should GPA restart conversation about natural gas; this is a whole new process. GM Benavente said he will show the Commission a timeline relative to this issue and will share his thoughts with the Commission very soon – within the next month or two.

Under recovery is still \$13.7M and anticipates \$12M at the end of the LEAC period. It was mentioned that the Navy pays as they go – there is no LEAC with the Navy.

Comm Santos said due to we are ½ way into the year can CFO do Budget to Actual Report on every category so that discussions relative to needed adjustments can happen.

4.1.3 Resolution 2019-05 Relative to Increase of Renewable Portfolio Standard to 50% by 2035

GM Benavente read the resolution verbatim; it seeks approval to increase the Authority's Renewable Portfolio Standards [RPS] from 25% to 50% for the following reasons:

- GPA and CCU have discussed this move internally and at various public hearings since it signed the Phase II Renewable Energy Acquisition contracts for 120 MW of additional solar PV while at the same time launching Phase III IFB for an additional 40 MW;
- GPA has completed its Renewable Integration Study supporting the technical feasibility of integrating 50% of renewable energy into GPA's grid once the recommended projects are completed;
- GPA's renewable strategy has been to ride the technology capability curve up while riding the price cost curve down. Phase II Renewable Energy Prices are expected to be below current LEAC rates;
- Bill No. 80-35 (COR) moves to increase the Guam RPS (Public Law 29-62) from 25% to 50% of GPA net electricity sales by 2035; Bill 80-35 is sponsored by Senators Amanda Shelton and Clynt Ridgell.

This project is necessary and urgent. The Federal Investment Tax Credit declines from 30% in 2019 to 26% in 2020, 22% in 2021, and 10% in 2022. It was mentioned that the funding source would come from LEAC.

The GM said the RPS is a public policy and asked the Commission to support it. He said he is confident that GPA will be able to meet this threshold.

Comm. Guthertz motioned to approve Resolution 2019-05; second by Comm. Limtiaco.

Comm. Sanchez gave some background on the beginnings of the RPS matter beginning with discussions with late Sen. Ben Pangelinan. He said the intent is good and the only way to lower the cost or power in the future is to lower the use of oil for energy. The new generation plant will make this a reality and will have emissions that are in compliance with USEPA and will use less fuel than the existing units. The solar energy contracts that GPA has just signed this past year is half the current LEAC and comes with storage so this means GPA will use less fuel. Without this new generation plant, GPA cannot add more renewables. The old base load units are not never going to take GPA beyond the 25%. We are happy to report that we are ahead of schedule and this is why the CCU pays management bonuses because the decisions that you make are going to save money and move us towards renewables. This is continuing work that started 12 years ago and it is the only way to lower the cost of power.

Comm. Limtiaco asked if there are any incremental growth with renewables that can happen now before the new power plant – a 5-10% increase. He clarified that he is referring to going out for bid for additional renewables ahead of the new power plant before the critical area that needs the new power plant. GM Benavente said yes but it has to come with Phase III, the mode of operation today is quite challenging because CT's are needed in the daytime. There is 45 megawatts that are intermittent during the day. The key is some increment can be added but not significant, not before that new power plant is in place. The GM also added that some work on the 115KV lines need to be done before any more renewables are added.

GM Benavente said that there is still room to accommodate utility scale renewable maybe another 120-150 with energy storage.

It was noted that the phrase "subject to the review and approval of the PUC" is not in the draft resolution in Board books and there's no need for an Amendment

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

5. GWA

5.1 New Business

5.1.1 GM Report

GM Bordallo reported on operational issues relative to production and distribution, the line servicing Mangilao was pulled and a new line was installed last night so there should be recovery in Mangilao reservoirs. He reported a spill in the Taigigao area which was repaired – this is the one Mayor Hoffman reported. GEPA was advised.

Comm. Sanchez asked an update of the various public outreach relative to the 5-year Financial Plan. He said the public meetings are scheduled for May 6-9 and will provide the Commission a schedule for the other commerce groups as soon as it is firm

The GM said Citi Group is going to be on island first week of May and the CCU can meet with him at your leisure.

There was discussion on the timeline for GWA's next bond issuance and the GM said the plan is to go for ratings in Sept. and closing in Nov/Dec timeframe. The GM said he plans to ask for the full amount and said GWA needs the money for the tanks.

5.1.2 Financials

This matter was not discussed.

5.1.3 Resolution No. 21-FY2019 Relative to Contract Renewal with Guam Pacific Enterprise and JMI Edison for the Additional Purchases of Submersible Cables, Temperature Sensors and Two (2) HP Booster Pump Motors

The objective of this resolution is to provide for adequate parts inventory for submersible cables and chlorination system booster pumps for GWA's water production facilities. Having the inventory on-hand is necessary to ensure that water system mechanical and electrical assets are replaced in a timely manner as part of normal production well and disinfection system operations and maintenance.

Bid Summary

IFB 2015-08 Submersible Cables, Booster Pumps and Sensors

Guam Pacific Enterprise						Est Annual Cost	Est 3 Year Cost
Item No	Description	Qty	UOM	Unit Cost	Total Cost		
1.0	Temperature Sensor 6"	10	each	\$695.00	\$6,950.00	\$13,900.00	\$41,700.00
1.1	Temperature Sensor 8"	10	each	\$695.00	\$6,950.00		
3.0	Submersible Electrical Cable #4 AWG CU, 4 Wire (Note: to be used on 50/60 HP Submersible Motors)	1000	foot	\$11.21	\$11,210.00	\$179,860.00	\$539,580.00
3.1	Submersible Electrical Cable #1 AWG CU, 4 Wire (Note: to be used on 75/100 HP Submersible Motors)	4000	foot	\$22.22	\$88,880.00		

3.2	Submersible Electrical Cable #2/0 AWG CU, 4 Wire (Note: to be used on 125/150 HP Submersible Motors)	3000	foot	\$26.59	\$79,770.00		
GPE Est Cost					\$193,760.00	\$193,760.00	\$581,280.00
JMI Edison							
Item No	Description					Est Annual Cost	Est 3 Year Cost
2.0	2 HP Pump and Motor CR3-10 A-FGJ-E- HQQE 230/460V	35	each	\$1,409.30	\$49,325.50	\$49,325.50	\$147,976.50
						Est Annual Cost	Est 3 Year Cost
TOTAL EST COST						\$243,085.50	\$729,256.50

Total Amount Expended

PO No	PO Amount	Vendor	PO Date	FY	Funding Source
298852	\$153,670.00	GPE	12/26/2015	16	PW 09-02 Water Wells
298991	\$202,480.00	GPE	2/8/2016	16	PW 09-02 Water Wells
300011	\$33,530.00	GPE	10/6/2016	17	PW 09-02 Water Wells
301130	\$185,665.00	GPE	8/1/2017	17	Revenue Funded
GPE TOTAL	\$575,345.00				
298758	\$13,828.59	JMI	12/4/2015	16	PW 09-02 Water Wells
298851	\$23,958.10	JMI	12/29/2015	16	PW 09-02 Water Wells
300311	\$22,548.80	JMI	12/14/2016	17	PW 09-02 Water Wells
302887	\$35,232.50	JMI	12/13/2018	19	Revenue Funded
302887 (Amendment 1)	\$43,688.30	JMI	12/21/2018	19	Revenue Funded
JMI TOTAL	\$139,256.29				
IFB 2015-08 TOTAL	\$714,601.29				

Estimated Purchase Quantity and Cost for 2 Year Contract Renewal

Guam Pacific Enterprise	Description	Unit Cost	2 Year Est Qty	Est 2 year Cost
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3.1	Submersible Electrical Cable #2/0 AWG CU, 4 Wire (Note: to be used on 125/150 HP Submersible Motors)	\$26.59	8000	\$212,720.00
3.2	Submersible Electrical Cable #4 AWG CU, 4 Wire (Note: to be used on 50/60 HP Submersible Motors)	\$11.21	8000	\$89,680.00
3.3	Submersible Electrical Cable #1 AWG CU, 4 Wire (Note: to be used on 75/100 HP Submersible Motors)	\$22.22	8000	\$177,760.00
Guam Pacific Enterprise 2 Year Estimated Cost				\$480,160.00
Contingency 10%				\$48,016.00
Total Requested Funding				\$528,176.00

JMI Edison	Description	Unit Cost	2 Year Est Qty	Est 2 year Cost
2.0	2HP BPM	\$ 1,409.30	80	\$112,744.00
Contingency 10 %				\$11,274.40
Total Requested Funding				\$124,018.40

The cost of the contract is noted below and will be funded with revenue funds. Purchases over the 2-year contract extensions are required for on-going production well and disinfection system operations and maintenance.

Contract Renewal 2 years	GPE Contract Renewal with 10% Contingency	\$528,176.00
	JMI Contract Renewal with 10% Contingency	\$124,274.40
CCU Approval		\$652,194.40

Comm. Sanchez motioned to approve Resolution 21-FY2019 second by Comm. Limtiaco. There was no further discussion or objection and the motion passed unanimously.

5.1.4 Resolution No. 22-FY2019 Relative to Fund Increase for the Agat-Santa Rita Wastewater Treatment Plant Construction Project

GWA has executed multiple Change Orders to the project's scope of work (SOW) and anticipates additional Change Order(s) to address necessary improvements, including enhancements to the main electrical service, additional paving to the existing entrance road, and other miscellaneous modifications recommended by GWA Operations, will be required. GWA management is seeking CCU approval to increase the funding authorization for the project via approval of this resolution.

The construction activities are located in the Village of Agat across from the Navy Camp Covington. The funding authorization will increase an additional Five Hundred Forty Thousand Dollars (\$540,000.00) to bring the total authorized funding to Fifty-Nine Million Five Hundred Fifty Thousand Dollars (\$59,550,000.00). The funding for this project will be from the Bond Funds under the line items CIP WW 11-08 "Agat/Santa Rita STP Replacement", System Development Charges and Internally Funded CIP, where applicable. GWA expects the contractor to be completed with all work by June 2019.

Comm. Sanchez motioned to approve Resolution 22-FY2019, second by Comm. Guthertz. There was no further discussion or objection and the motion passed. The vote was unanimous.

5.1.5 Resolution No. 23-FY2019 Relative to Change Order No. 8 for the Agat-Santa Rita Wastewater Treatment Plant Upgrade Construction Management Contract

The construction contractor, Sumitomo Mitsui Construction Company (SMCC), advised GWA that project completion must be extended to the end of June 2019. The construction management change order(s) for CM services will allow for a continuity of services as it relates to any construction extension at the new Agat-Santa Rita WWTP Upgrades project due to delays in construction completion. Currently the remaining major items to be completed are the equalization basin and maintenance building. The project location is at the New Agat Santa Rita Wastewater Treatment Plant in Agat.

The fees for CM services is approximately One Hundred Twenty-Five Thousand Dollars (\$125,000.00) a month, therefore GWA management is seeking approval to increase authorized funding for Two Hundred Fifty Thousand Dollars (\$250,000.00) for the months of May and June 2019. Funding for Change Order to GHD will be from any available bond funds under the line item - WW 11-08 "Agat/ Santa Rita STP Replacement", System Development Charge funds, Internally Funded CIP funds as well as Liquidated Damages of \$5,000 per day from the contractor beginning September 1, 2018.

Comm. Sanchez motioned to approve Resolution 23-FY2019, second by Comm. Guthertz. There was no further discussion or objection and the motion passed unanimously.

5.1.6 Resolution No. 26-FY2019 Relative to Change Order No. 2 for Asan Springs Rehabilitation Design Project

If approved, Resolution 26-FY2019 will authorize additional design and environmental services that are necessary for GWA to complete its on-going project to improve water distribution system

functionality and reliability for areas serviced by Asan Springs. The project's design scope is on-going, however, following the discovery that about one-third of the facility sits on property owned by the National Park Service, a more detailed condition assessment of the site and discussion with federal agencies, have revealed that additional environmental assessment and biological investigation are required to determine the environmental impact of the project. This will include biological surveys and investigations to determine the presence of any endangered species or their habitats exist on the site. These environmental requirements have increased due in part to the use of federal lands on the project, making the additional work necessary for the construction of the project.

Due to the size and complexity of the project, GWA finds that it is in the best interest of the Authority to have the current engineering consultant conduct the additional work so as to expedite the design package preparation. Having the current consultant handle the additional work also flattens the learning curve, given the design consultant is already familiar with the site, entities involved and the system improvement needs.

The proposal is still being negotiated but Management estimates the cost for the additional design services not to exceed the latest proposal of Three Hundred Eighty-Two Thousand Five Hundred Ninety-Five Dollars (\$382,595.00). The source of funding will be from Bond Funds under CIP line item PW 05-15.

The design schedule will extend to October 2019, however, there are potential land acquisition issues for the site thus additional time may be needed. GWA will not know until the property conflicts are resolved.

Comm. Sanchez motioned to approve Resolution 26-FY2019, second by Comm. Limtiaco. There was no further discussion or objection and the motion passed unanimously.

5.1.7 Resolution No. 27-FY2019 Relative to the Re-evaluation and Implementation of the Revised GPWA Drug and Alcohol-Free Workplace Policy

The GPWA Drug and Alcohol-Free Workplace Policy was approved by the CCU on 26 September 2017 for implementation on 01 October 2017. On 10 October 2017, GWA Legal Counsel received Attorney General's Opinion Memorandum, dated 06 October 2017 stated, random drug testing for *all government of Guam employees*, without regard to the nature of the employee's duties and specific violation intended to be addressed, will offend constitutional protections against warrantless searches.

GWA Management has confirmed that the Authority's Legal Counsel is sufficient in determining inclusion of safety-sensitive positions to its current list of Testing Designated Position(s) (TDP), in accordance with federal guidance (Substance Abuse and Mental Health Services Administration's (SAMHSA) 2013 Guide for Selection of TDPs, dated 06 May 2013).

Accordingly, GWA Legal Counsel has reviewed and updated the list of safety-sensitive TDP to be used for determining which employees are subject to random drug testing. The list includes 110 different positions comprised of 287 employees or approximately 77% of the current GWA workforce;

Public Law 35-5, Title 9 GCA, Chapter 67 Guam Controlled Substance Act, Article 1, Definitions (t) lists and defines Marijuana as a controlled substance, and GWA still prohibits the use of cannabis by employees in the Drug-and-Alcohol Free Workplace Policy. Therefore, the objective of the resolution is to request that GWA be allowed to move forward and implement its Revised GWA Drug and Alcohol-Free Workplace Policy and to authorize the Legal Counsel through documented support to add, delete and/or revise its TDP list as necessary, to effectively implement its Drug and Alcohol-Free Workplace Policy. It is necessary and urgent to protect the public health and safety in the provision of utility services we provide.

GWA further requests for the CCU's support and approval to transition on its own (away from the DOA process) to seek drug testing, laboratory and medical review officer services to effectively implement the GWA Drug and Alcohol-Free Workplace Policy.

Comm. Santos asked clarification for phrase "away from the DOA process" and management explained that currently DOA does the testing for GWA. It's probably cheaper with DOA but GWA's testing is at DOA's their schedule.

Comm. Guthertz motioned to approve Resolution 27-FY2019, second by Comm. Santos. There was no further discussion or objection and the motion passed. The vote was unanimous.

6. ANNOUNCEMENTS

6.1 Next CCU Meeting

The Chairman said that there will be a special meeting in May to deal with a special issue that the Attorney General recently addressed with the Commission, possibly before one of the CCU work sessions. In addition, the GWA work session in May is on May 21; the GPA work session on May 23 and the regular CCU monthly meeting on May 28.

7. ADJOURNMENT

There was no further business to bring before the Commission, the Chairman called for adjournment.

Comm. Santos motioned to adjourn the meeting; Comm. Limtiaco seconded.

It was 7:20 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
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., May 28, 2019

MINUTES

1. CALL TO ORDER

The Chairman called the CCU May 28, 2019 regular monthly meeting of the Consolidated Commission on Utilities to order at 5:38 p.m. He said all five (5) Commissioners were present. Others in attendance include:

Commissioners:

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

Executive Mgmt.:

Miguel Bordallo	GM / GWA
John Benavente	GM / GPA
Melinda Mafnas	AGMO / GPA
John Cruz	AGMET / GPA
Tricee Limtiaco	AGMA / GPA
Chris Budasi	AGMA / GWA
John Kim	CFO / GPA
Gilda Mafnas	CFO (A) / GWA
Kelly Clark	Legal Counsel / GWA
Graham Botha	Legal Counsel / GPA

Management & Staff:

Paul Kemp	AGM Compliance & Safety / GWA
Heidi Ballendorf	Communications / GWA
Ron Topasna	O&M Mgr, Water Treatment / GWA
Tom Cruz	Chief Engineer / GWA
Vince Pangelinan	GWA
Vince Leon Guerrero	Outside Counsel / GPWA
Dave Fletcher	GWA
Ann Borja-Gallarde	Mgmt. Analyst / GWA Ex.Office
Lou Sablan	Board Secretary / CCU

Guest:

George Castro	Court Reporter
Mark Miller	Commissioner / PUC

Nestor Licanto

Reporter / KUAM

2. APPROVAL OF MINUTES

The Minutes of the CCU Special Meeting on May 10, 2019 was presented for approval. He said this meeting was recessed and resumed at different dates and times. He asked the body to review and said he will entertain a motion.

Meanwhile, the Chairman asked a clarifying question of legal counsel's Clark and Botha relative to action taken at the special meeting, The question was that if there's a question in the Minutes in terms of a motion that was made and reflected in the minutes, can the minutes be amended by making another motion to amend or should the Commission make a new motion in open session at this current meeting to address the clarification

Comm. Limtiaco further clarified that during the Special Meeting of May 10 he made a motion to release the minutes of executive session but did not cite the date of the meeting in question although in context of the discussions of the entire meeting it is clear that the related meeting was that of Nov. 27, 2018. His question is does he need to make a motion that clearly specifies that he was referencing the executive session meeting minutes of 11/27/18.

Counsel Kelly responded that this question should be directed to outside counsel Vince Leon Guerrero.

In response Counsel Leon Guerrero opined that a new motion should be made to clarify this point and yes it could be made at this current meeting.

Comm. Limtiaco then stated [and put in context] that relative to the motion that he would like to proper would be a motion to release all minutes, recordings and all documents that were discussed at the Ex. Session Meeting of the CCU Meeting of Nov. 27, 2018. The motion was second by Comm. Guthertz.

In discussion to the motion, Comm. Sanchez asked what constitutes Minutes. Counsel Kelly responded that it could be recorded audio, hand written or transcribed. If under executive session, the audio recordings are the minutes. The law does not require written minutes for non-litigation discussions such as personnel matters and that the recording suffices for minutes, in this instance.

Comm. Sanchez then asked if a requestor FOIA'd for documents, what would constitute documents? Counsel Kelly responded that documents would be any handouts that were, reviewed, referenced, looked at or circulated during the executive session discussion

Comm. Duenas asked what does it mean when we say Minutes of the meeting? Counsel Kelly said it depends on what is produced at the meeting - if there was a recording only then the recording would be the Minutes; if there was a recording and a written synopsis / transcription of the meeting then it would be both the recording and the written synopsis / transcription. There was discussion which has greater weight the recording or the written synopsis and both counsel's Clark and Botha said it would be the recording because the transcriber could make an error when preparing the transcription.

Comm. Sanchez asked counsel's Clark and Botha who issued the affidavit at the Nov. 27, 2018 meeting recommending the Commission to go into executive session. Both counsel Clark and Botha said they do not remember.

Comm Duenas asked what does the affidavit mean and stated there was nothing on the affidavit that says we can or cannot discuss salaries in executive session. It's usually only a general statement saying the Commission can move to executive session to discuss either litigation or personnel matters or both.

Comm. Sanchez said he is interested in a written legal opinion from the counsel who wrote the affidavit for the Nov. 27, 2018 meeting as to why go into executive session. What is their interpretation of the law and why he issued an affidavit? Chairman Duenas asked both counsels Botha and Kelly to provide their respective opinions.

Comm. Sanchez mentioned that prior CCU counsel opined that you must discuss evaluations only in executive session and salary or monetary matters in open session. Prior counsel provided an affidavit to Comm. Sanchez [then CCU Chair] with these specific instructions. Comm. Sanchez said there is a slightly different view from a previous colleague that is very specific. In the meeting of Sept. 2014 your previous colleague provided an affidavit for this meeting which was very specific and the minutes of the Sept. 2014 meeting also reflects his instructions where the evaluation was conducted in executive session and the salary was discussed in open session. Comm. Sanchez said there's an obvious difference of opinion even from our own counsels. Both counsels Kelly and Botha were present at the Nov 27th meeting and neither offered guidance not to discuss salary in executive session. Comm. Sanchez said to be fair to both counsel Kelly and Botha – he asked them what is their view of the law relative to discussion of personnel matters and requested for their written legal opinion.

Comm. Guthertz said she felt compelled to comment that in today's paper there was article about a 2014 opinion made by a former CCU legal counsel who provided an opinion to the Commission about personnel matter discussions in executive session, that only evaluations should be discussed in private and salaries must be discussed in public. Comm. Guthertz said that this is a difficult experience which was totally avoidable if that earlier opinion would have been made available to the Commission and she certainly wish it had. She would like to state for the record that this earlier opinion was not made available to her and if it had, this entire issue would have been avoided. Comm. Sanchez clarified that former CCU legal counsel did not provide an opinion but rather an affidavit for an executive session meeting for a CCU meeting held on Sept. 2014 that dealt with personnel matter and in that affidavit, he specified that only evaluations must be discussed in executive session and that salaries must be discussed in open session. Comm. Sanchez said Commission members who were present at that Sept 2014 meeting were advised and knew then. because that's what the Commission ended up doing as reflected in the Sept. 2014 meeting minutes.

Chairman Duenas said he did not know about the email from the former CCU legal counsel to Comm. Sanchez. Comm. Sanchez stated that the members of the Commission who were present at that Sept. 2014 meeting were definitely aware of then GWA legal counsel Sam Taylor's guidance which specifically states to discuss evaluations in executive session and salary in open session.

On motion made by Comm. Limtiaco and second by Comm. Guthertz to release the audio recording, minutes and all documents discussed at the Ex.Session of the CCU meeting held on Nov. 27, 2018. The vote passed with 4-ayes, and 1 nay. For the record the vote was Sanchez – yes, Limtiaco - yes; Duenas – no; Guthertz – yes and Santos - yes.

Relative to the Minutes of the CCU Special Meeting of May 10, 2019, Comm. Limtiaco motioned to approve the Minutes subject to verification and written correction; second by Comm. Guthertz. The motion passed unanimously.

3. COMMUNICATIONS

3.1 Public Comments - None

4. GWA

4.1 New Business

4.1.1 GM Report

4.1.2 Financials

The financials were not discussed at this meeting.

4.1.3 Resolution No. 24-FY2019 Change Order Baza Garden Wastewater Cross-Island Pumping and Conveyance Phase II Construction Contract

This resolution seeks CCU approval to increase the project fund authorization to address an unresolved claim from the contractor involving additional excavation necessary to meet/hit hard stable ground surfaces and filling up of flowable fill at the new SPS that was deemed by the contractor as additional work. The contractor ultimately moved forward with completing the new SPS so that the project can progress however the claim stayed unresolved. GWA's project engineers/Chief Engineer have further reviewed the claim and agree that additional work and material were used and as such approve the claim. The fund authorization to date is insufficient to work towards executing a Change Order thus GWA management is seeking CCU approval to increase project fund authorization.

Work related to the pending Change Order Proposal is part of the new Windward Hills SPS with anticipated completion of June 2019

GWA management is seeking CCU approval for additional funding for Change Order Proposal related to Phase II contract in the amount of Fifteen Thousand Two Hundred Twenty-Two Dollars and Twenty-Five Cents. (\$15,222.25). The approval of this resolution will bring the total authorized funding for Phase II to Six Million Three Hundred Seventy-Two Thousand Ninety-Three Dollars and Three Cents (\$6,372,093.03). The funding source is from wastewater bond funds applicable to the project.

Comm. Santos motioned to approve Resolution 24-FY2019, second by Comm. Guthertz. There was no further discussion or objection and the motion carried unanimously.

4.1.4 Resolution No. 25-FY2019 Change Order Baza Gardens Wastewater Cross-Island Pumping and Conveyance Construction Management Contract

The construction management change order(s) for CM services will allow for a continuity of services as it relates to any construction extension at the Baza Gardens Pump Station, Route 17 / Route 6 [wastewater conveyance project] due to contractor issues. The construction contractor of Phase III, Sumitomo Mitsui Construction Company (SMCC), has submitted to GWA time extension requests stating that the delay is due to inclement weather and sludge removal approximately 3,080 cubic yards were hauled and transported to Layon Landfill that push the completion of the project through June 2019.

GWA management still seeks CCU approval of additional funding not to exceed the amount of One Hundred Sixty Thousand Dollars (\$160,000.00) for the extended contract performance period through July 2019 including documentation of the project close out. Notwithstanding the fund increase request GWA will be negotiating down the fee proposal given the level of staffing and construction activities will ramp down towards the end of the construction period.

The approval of the One Hundred Sixty Thousand Dollars (\$160,000.00), which GWA will view on a Time and Materials basis, will bring the total authorized funding for the Construction Management contract to Three Million Three Hundred Thirty-Two Thousand Five Hundred Sixty-Four Dollars and Fifty-Nine Cents

(\$3,332,564.59). Funding will be from any available bond funds under the line item - WW 11-03 “Baza Gardens STP Replacement”, and Internally Funded CIP funds as well as Liquidated Damages of \$3,000 per day from the contractor. The actual construction completion is projected to be by June 2019 however GWA anticipates the CM services will extend to July 2019.

Comm. Guthertz motioned to approve Resolution 25-FY2019, second by Comm. Limtiaco. There was no further discussion or objection and the motion passed unanimously.

4.1.5 Resolution No. 28-FY2019 Change Order No. 1 ConstrMgmt Services Contract for the GWA SCADA System for Water &WW Facilities Phase A-1

The project objective is primarily to install communication equipment on site to allow communication with Fadian SCADA servers. This also includes installation of instrumentation such as pressure and flow sensors as well as intrusion switches on site to record site conditions along with other existing instruments.

Due to contractor delays and compliance issues with contract requirements, GWA has negotiated a remedy to extend the contractor’s project completion date contingent on the contractor agreeing to a list of conditions which includes a deductive change order on the construction contract. The deducted amount from the construction contract is used here to pay for additional CM services needed for the extended construction time as well as additional efforts needed to ensure contractor’s execution of and compliance with contract requirements. This Change Order will extend contract completion date to 2019 JAN 30.

This project encompasses the wells at the following locations:

- Wells A-01, A-03, A-05, A-06, A-23, A-25, A-29, A-31, A-32, M-17B, M-20A;
- Route 16 Sewer Pump Station;
- Fujita Sewer Pump station; and
- Hagatna Wastewater Treatment Plant.

Original CM Contract was \$515,631.00. This Change Order No. 01 will add \$383,589.00; bringing the total contract value to \$899,220.00. GWA management also seeks CCU approval of a 10% contingency to the original contract price, or \$51,563.10 to bring the total authorized amount to Nine Hundred Fifty Thousand Seven Hundred Eighty-Three Dollars and Ten Cents (\$950,783.10). The funding source will come from CIP line item EE 09-09 SCADA Improvements – Phase 4.

Comm. Guthertz motioned to approve Resolution 28-FY2019 second by Comm. Santos. There was no further discussion or objection and the motion carried; the vote was unanimous.

Comm. Limtiaco asked what was being deducted the GM responded that the scope of work is the same but a couple of the design elements were eliminated and will be handled under another design contract for the reservoir project when ready. The contract price was reduced but minor change in the design changes.

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

4.1.6 Resolution No. 29-FY2019 Change Order Yigo and Astumbo Reservoir ConstrMgmt Contract

The objective of the change order is to continue the construction management services for the Yigo reservoirs site along Route 1 near the entrance to Anderson Air Force Base and the Astumbo reservoir is located off Ysengsong Road on Chalan Paluan, and increase funding to the contract. The continued services are required due to delay by the contractor (Pernix) in completing the project. The Contractor

has agreed through a Memorandum of Understanding to pay for the additional construction management cost for the duration of the project until final completion.

The Yigo and Astumbo Tank Construction project are Court Ordered thus the urgency is to complete the project as soon as possible but maintain adequate Construction Management oversight.

GWA and the construction management firm has negotiated the cost of One Hundred Twenty-Three Thousand One Hundred Ninety Dollars (\$123,190.00) to extend the services to August 16, 2019 for both sites. The cost is on a time and material basis. If the project finishes before the August 16, 2019 deadline, any unused portions will result in a deductive change order. The funding for this project will be from the bond funds under the line item - PW 09-11 "Water System Reservoirs 2005 Improvements" and PW 12-05 "Tank Major Repair Yigo #1, Mangilao #2, Astumbo #1". The funding sources will be replenished by money received from the contractor through a deductive change order from the contractor's contract.

The construction management services will continue up until August 16, 2019. Should the contractor delay the project past the projected August 16, 2019 deadline, GWA will negotiate to extend the construction management contract. Cost will be covered by the contractor.

Comm. Sanchez motioned to approve Resolution 29-FY2019 second by Comm. Guthertz.

In discussion Comm. Sanchez asked clarified on resolution line 29, page 53 of Board Books if cost goes beyond the \$123k or August 16, 2019 completion date, the contractor pays the difference? GM Bordallo confirmed yes.

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

4.1.7 Resolution No. 30-FY2019 Change Order No. 4 Central Guam Reservoirs Design

The objective of the change order is to authorize additional design services that are necessary for GWA to improve water distribution system functionality and reliability for service areas associated with the Hyundai, Pulantat/Manenggon, Chaot No. 2, Tamuning No. 1 (Airport), Tumon No. 1 (Nissan), and Piti reservoir. The following are part of this proposed change order:

Task A: Design changes to install a new pump controller unit at the new Hyundai Tank Booster Pump Station.

Task B: Design changes to the Chaot No. 1, Chaot No. 2, and Agana Heights Reservoirs SCADA.

Task C: Programming of the Chaot No. 1, Chaot No. 2, and Agana Heights Reservoirs SCADA.

Task D: Programming of the Manenggon, Tamuning No. 1 (Airport), and Piti Reservoirs SCADA.

Task E: Tamuning No. 1 (Airport) Reservoir - Tiyan Booster Pump Station, Sewer Line Rehabilitation, and Water Line Abandonment.

Task F: A-23 and A-25 (Serves Chaot and Agana Heights Reservoir) GAC System Additional Design.

Task G: Manenggon Reservoir Access Pump Station Additional Design.

Task H: Additional Structural Design to Increase Tamuning No. 1 Reservoir (Airport) from 2 Million Gallon Capacity to 3 Million Gallon Capacity.

GWA finds that it is in the best interest of the agency that the current engineering consultant conducts the additional work so as to expedite the design package preparation and provide cost savings given the design consultant is already aware of the system improvement needs.

The cost for the additional design services is \$200,458.00. The funding source will be from CIP line item PW 09-11 Water System Reservoirs 2005 Improvements and EE 09-09 SCADA Improvement – Phase 4. If

the Change Order is approved, the design schedule will have the final tank design tasks completed by December 2019; however, the date may be adjusted if new issues arise.

Comm. Santos asked the status of the airport project and the GM said he is waiting the GIAA attorney to review and get back to GWA.

Comm. Limtiaco asked if the design work being proposed already completed the GM said no – some still need to be completed. The design was taken up to a certain level and this contract will add the SCADA component.

Comm. Santos asked if the original contract was not completed. There was discussion on why GWA allows contractors to come back for more work if they cannot complete a project the first time. It was discussed that these projects were supposed to be completed in 2017. The GM explained that management utilizes the contract mechanisms in place in order to get the performance needed. Management worked with the bonding company to come to resolution. Management felt their needs were met and the personnel involved were changed out and they [the contractors] stepped up their end.

Comm. Santos motioned to approve Resolution 30-FY2019 second by Comm. Guthertz. There was no further discussion and the motion passed unanimously.

4.1.8 Resolution No. 31-FY2019 Approval of the Chlorine Bid Under PUC Contract Review Protocol

If approved Resolution 31-FY2019 will provide sufficient supply of liquid chlorine used to treat and disinfect GWA's drinking water in accordance with the Safe Drinking Water Act and as required by federal and local laws and regulations.

The purpose of this procurement and the use of product (liquid chlorine) supplied under this procurement are necessary for the protection of public health and safety, and are a mandatory and critical part of GWA's water operations, and therefore are inherently necessary and urgent. The chlorine purchased will be used at various GWA locations island-wide.

The three (3) Year contract cost is per the following:

150lbs. Chlorine Cylinder \$618.00 each

1 Ton Chlorine Cylinder \$6,097.78 each

Bid Specified amount estimated for 150lbs. is 1,260 cylinders Annually

Bid Specified amount estimated for 1 Ton is 12 cylinders Annually

Cost for 150lbs. Chlorine Cylinder \$586.68/\$778,680.00 Annually

Estimated Cost for 1 Ton. Chlorine Cylinder \$6,097.78/\$73,173.36 Annually

Total Cost \$851,853.36 Annually

Total expenditure for the 3-year contract term is **\$2,555,560.08**

The procurement of these essential treatment chemical is intended to be funded from revenues (O&M) and will be completed in three years.

Comm. Duenas asked if there was a current contract in place and the management confirmed yes.

Comm. Guthertz motioned to approve Resolution 31-FY2019 second by Comm. Santos. There was no further discussion or objection and the motion passed unanimously.

4.1.9 Resolution No. 32-FY2019 Ratification of Expenditures for Track Me Guam, LLC.

There is an ongoing need to maintain the fleet and fuel management software services which were provided under a previous Memorandum of Understanding, and GPA-led procurement for such services. The original contract for these services expired in January 2018, and GWA procured additional services for system access & data communication, also referred to as on-board vehicle diagnostics and GPS tracking, for proprietary fleet management devices already installed in active GWA Vehicles under a separate sole-source procurement.

An open competitive procurement is in process for fleet and fuel management services for GWA vehicles and is anticipated to be awarded shortly. However, the recurring monthly service charges prior to the issuance of the existing sole-source procurement were unauthorized, and GWA Management is requesting ratification of the existing procurement so that payment can be made.

The service has been provided for active GWA fleet vehicles in which the proprietary fleet management devices have already been installed and are used island-wide (Tracking Services). The amount GWA Management is seeking for ratification is \$24,640.00 and will be revenue funded. This contract is on-going through FY2019.

Comm. Santos motioned to approve Resolution 32-FY2019 second by Comm. Guthertz.

In discussion it was mentioned that the procurement is sole source because of the proprietary nature of the equipment already in some of the vehicles. AGMA Budasi mentioned that GPA released another bid at the end of last FY that did not include GWA. It was mentioned that he will discuss this matter with GM Benavente to confirm the rationale for not doing dual procurement. Santos expressed that he is upset that GPA was not on board with GWA on this program stating that GPA and GWA should be one utility supporting the entire island.

Comm. Limtiaco asked if current solicitation was already released and AGMA Budasi confirmed yes – the bids are in already but the evaluation is still pending.

There was discussion on who is tracking the vehicles and the mechanism amongst the supervisory team for proactive use. GM Bordallo confirmed that management uses it proactively but not at the frequency to justify the expense. GWA does not have enough people so some managers use it proactively and some do not. Comm. Sanchez said perhaps this should be revisited to up the productivity since we have the tool it should be used.

Comm. Limtiaco mentioned that he saw bucket trucks at Gun Beach while running one Saturday morning and he noted license plates and reported it but to date have not received any feedback.

Comm. Duenas said that it is understood that not all procurement can be combined but for economies of scale it is possible to do so on some items and he strongly recommended to GM Bordallo to work together with GM Benavente to take advantage of volume purchase and lower pricing.

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

4.1.10 Resolution No. 33-FY2019 Approval 1-yr Extension Indefinite Quantity Contract with Badger Meter, Inc. for Additional Purchase of Water Meters

The objective is to exercise the available one (1) year option period under the existing contract to authorize the purchase of additional water meters that are needed for meter replacements and to insure

there is adequate stock available to meet the requirements of the 2011 Court Order and new service applications.

GWA management is seeking CCU approval to exercise the one (1) year extension of the indefinite quantity contract with Badger Meter Inc. and for additional purchases under that contract extension. Price adjustments allowable under the terms of the contract have been proposed by Badger Meter and have been found to be reasonable by management. The project is necessary to keep sufficient meters and accessories in stock for operational needs, and for the on-going meter replacement program – the meters will be used to replace old and/or install new meters throughout GWA's systems.

Additional meter purchases are estimated to cost up to One Million Five Hundred Fifty-Nine Thousand Eight Hundred Eighty-Three and Nineteen Cents (\$1,559,883.19) which brings the total authorized funding to Five Million Three Hundred Seventy Thousand Five Hundred Eighty-Eight Dollars and Twenty-Eight Cents (\$5,370,588.28) under IFB 2015-13. GWA Management is still negotiating with Badger Meter Inc. for cost adjustments related to meters management believes should be replaced under warranty, and as such, the additional costs estimated do not reflect anticipated credit adjustments. The source of the funding for the purchase of additional water meters will come from Internally Funded Capital Improvement Projects and any other appropriate funds identified by finance. The contract term is from February 23, 2019 through February 23, 2020.

Comm. Santos motioned to approve Resolution 33-FY2019 second by Comm. Guthertz.

Comm. Limtiaco wanted confirmation that the purchase order is for no guaranteed quantity and that the price is stable. GM Bordallo concurred that the purchase is for an indefinite quantity contract and the price only thing locked in is the price.

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

5. **GPA**
5.1 **New Business**
5.1.1 **GM Report**

GM Benavente announced that he will be conducting employee briefings; when asked how often he does this he responded that he tries to do this twice a year or every 6 months. He said his presentation is about 120 pages long. Chairman said he wanted this info for the record because it is important to reach out to employees and not only for bad news.

Comm. Santos asked the status of GPA's Drug Workplace Policy and the GM said there is no change from the last update. Chairman Duenas said the former AG rendered an opinion citing the 4th amendment and that GPA cannot just randomly test everyone. There was discussion on research that GWA's counsel performed and opined that he found precedence and agreed with the former AG's opinion. As a result, GWA amended their Drug Workplace Policy and about 73% of their employees who fall under the Test Designated Positions [TDP] list and are subject to random testing the other 27% do not. GM Benavente said he will have GPA's counsel verify with the current AG on this matter. Comm. Santos said he would like GPA to get this done by the next meeting. It was mentioned that if GPA does not want to change its drug policy that's fine but please update the Commission.

GPA counsel Botha said that the previous AG rendered this opinion and she is not there anymore so it is his opinion that GPA is not in violation. GM Benavente said he will discuss this matter further with counsel to get the current AG's opinion and then action this matter accordingly.

5.1.2 Financials

GPA Financials were not discussed at this meeting.

5.1.4 Resolution 2019-06 Tank Farm New ULSD Pipeline System

If approved, Resolution 2019-06 will allow GPA to comply with USEPA's Consent Decree. The objective is for GPA to significantly reduce power plant emissions. GPA will comply with USEPA's requirement by procuring services for the design and construction of the Tank Farm New ULSD Pipeline System to supply ULSD oil to the Piti Tank Farm, and Power Plants TEMES 7, MEC 8 and MEC 9. The ULSD pipeline system consists of 8-inch, 12-inch, and 24-inch diameter pipes with supports/pedestals, pipe manifolds, valves, and pumping station to include motor, pumps, concrete roof, berms and pads. The 24-inch ULSD pipeline will be interconnected from the US Navy tie-in to tanks 1934 and 1935, the 12-inch pipeline will be interconnected from tanks 1934 and 1935 to the pumping station and the 6-inch pipeline will be interconnected from the pumping station to the Power Plants TEMES 7, MEC 8 and MEC 9. The ULSD pipeline system will be operated and maintained under USEPA and American Petroleum Institute (API) guidelines and regulations.

The anticipated cost for this project is \$100,000 for engineering / construction management, \$3,495,944 for AYM Design-Build Contract for total of \$3,595,944 and will be funded by Cabras 3&4 insurance proceeds. The project will begin in July 2019 and will be completed in July 2020

Comm. Sanchez motioned to approve Resolution 2019-06 second by Comm. Limtiaco. There was no further discussion or objection and the motion carried unanimously.

5.1.5 Resolution 2019-07 Approval of Utility Energy Service Contract (UESC) Costs

This resolution seeks authorization to petition the PUC for the contract increase approval of Siemens to \$1,933,374 for projects related to demand side management and energy efficiency programs. Siemens was awarded the contract from the Request for Proposal No. GPA-RFP-16-013 issued in May 2016 for Partnering Opportunities for the Development of Demand-Side Energy Conservation Programs and Utility Energy Services Contract Programs. The Utility Energy Services Contract supports GPA's demand side management program in the implementation or execution of energy efficiency and renewable projects for our large customers which may include financing as well as technical support.

The tasks include energy efficiency projects at GDOE and potentially other schools on the island. The opportunity for the projects at Carbullido, George Washington and Southern schools will be during this summer while school is out of session. The projects for Carbullido, GW and Southern schools are expected to be completed by Summer 2019. The project under the Guam Energy Office must be completed before December 2020.

Most of the current contract costs will be used for energy efficiency projects at Carbullido Elementary School and the George Washington and Southern High Schools. In addition, some funds will be used at other schools, yet to be determined, for energy audits and an energy efficiency conference through the Guam Energy Office grant award. The current contract costs are totaling \$1,933,374. The funding source will come from grant funds (68%), \$500k from bond refinancing savings [approved by CCU and PUC in January 2018] and the balance through CIP's in FY2020.

Comm. Guthertz motioned to approve Resolution 2019-07 second by Comm. Limtiaco. There was no further discussion or objection and the motion passed unanimously.

5.1.6 Resolution 2019-08 Relative to LEAC Filing

The Guam Public Utilities Commission (GPUC) has established a Tariff under which the Guam Power Authority (GPA) is allowed to recover its fuel costs and fuel related costs under a factor which is reset and trued up every (6) six months through the Levelized Energy Adjustment Clause (LEAC). The deadline for the next filing is June 15, 2019. For the LEAC period covered from February 1, 2019 through July 31, 2019, GPA requested to maintain the LEAC rate of \$0.154242/kWh that was approved by the CCU and GPUC.

The average market price of fuel in the initial filing for the current period was approved at \$66.73/bbl for the (6) six-month period ending July 31, 2019, the current projection for the same period is \$72.87/bbl and the projected price of fuel for the period ending January 31, 2020 is \$74.18/bbl;

Although GPA will file the required LEAC schedules, it has determined that it will not petition for a change in the LEAC factor for secondary voltage service customers as well as alternative voltage customer for the period of August 1, 2019 to January 31, 2020.

GPA management recommended no change in LEAC and to keep the LEAC rate at \$0.154242/kWh effective for the period from August 1, 2019 thru January 31, 2020.

Based on this status quo approach, an under-recovery of about \$9M is anticipated by the end of the LEAC period on January 31, 2020 which will have some impact on the working capital and other financial ratios; however. GPA will be able to manage for a short-term period.

Comm. Guthertz motioned to approve Resolution 2019-08 second by Comm. Limtiaco.

Comm. Sanchez said for last year GPA was able to support some under recovery and next February the under recovery is expected to still be about \$9M. If GPA can live without recovering this shortfall for a year, would management consider absorbing the \$9-13M under recovery. GM Benavente responded that it is too early to consider this because we are not over the hump yet but will take a look at it.

Comm. Santos asked why does the LEAC adjustment overlap the budget period. Currently the first four (4) months of the FY is being impacted because of the timing of the LEAC adjustment. Comm. Sanchez said it's a pass thru expense and does not impact revenues. It was mentioned that management could petition the PUC to change the LEAC periods to coincide with the start of the FY.

On the motion there was no further discussion or objection and the motion passed; the vote was 5 ayes.

6. ANNOUNCEMENTS

6.1 Next CCU Meetings

The Chairman said the next CCU meeting would be a CCU meeting on June 5 to discuss the 5-year rate plan and vertical construction of secondary treatment for Northern District.

Comm. Sanchez said he thought that there would be a work session after the GWA outreach and feedback to review the sensitivity analysis for various options for the related rates. It was decided to keep the sensitivity analysis discussion at the June 5th meeting instead of a work session.

GWA counsel Clark said that there were two (2) litigation matters for GWA and a court reporter is present for proper transcription. It was clarified that if the litigation matter is settled the matter becomes public in three (3) months; if not settled it will be made public in six (6) months. It was also

clarified that a court reporter is only there to transcribe discussions relative to litigation and that it was not necessary to transcribe discussions relative to personnel.

Comm. Santos motioned to move to executive session for items 7.1 and 7.2 second by Comm. Guthertz. On the motion there was no further discussion and the motion passed unanimously

The Chairman called for a 5-minute recess before executive session. It was 6:20 p.m.

7. EXECUTIVE SESSION

7.1 Atty. Kelly Clark – GWA Litigation Matter

7.2 Atty. Kelly Clark – GWA Litigation Matter

7.3 Atty. Vince Leon Guerrero – CCU Litigation Matter

7.4 Atty. Vince Leon Guerrero – CCU Litigation Matter

The meeting returned to regular session and the Chairman said he would entertain a motion.

Comm. Guthertz motioned to approve Resolution 34-FY2019, a claim for Jose Delos Pinos for \$91,500 second by Comm. Santos. There was no further discussion or objection and the motion passed unanimously.

The meeting moved back to Executive Session to discuss item 7.3. For the record 7.4 was considered moot and was not discussed.

In discussion Comm. Sanchez asked if in the future more detail could be provided on the agenda for executive session items for the purpose of clarity. The Chairman said absolutely and that he would discuss this matter with both counsels Clark and Botha.

Outside Legal Counsel Vince Leon Guerrero read his affidavit and said he recommends that the meeting be moved to executive session to discuss a litigation matter ref Joaquin Leon Guerrero vs. GovGuam SP88-19

Comm. Guthertz motioned to move to executive session second by Comm. Santos

Comm. Sanchez said because he did not see his affidavit, he asked outside counsel Leon Guerrero if he Mr. Joaquin Leon Guerrero's name was included in his affidavit, his response was no it was not. Comm. Sanchez asked if outside counsel was amending his affidavit verbally to include the name of the litigant Joaquin Leon Guerrero and Counsel Leon Guerrero confirmed yes, he was.

The meeting moved to Executive Session.

The meeting moved back to Regular Session

Comm. Sanchez motioned that outside counsel proceed to respond to the Leon Guerrero litigation as discussed in executive session second by Comm. Guthertz.

Comm. Sanchez asked outside counsel if the motion was legally sufficient and outside counsel Leon Guerrero said yes, he believed it was.

Comm. Limtiaco said that last month opened everyone's eyes that there are some procedural items that the Commission can fine tune i.e. rules and regulations that can be put in place. He said he would like to

make a motion to establish a Rules Committee, volunteering to chair this committee, so that a set of standards can be developed to fully understand the duties of the CCU elected officers. The CCU Rules Committee would be similar to the legislative standing rules committee. It was discussed that definitions be included in the draft. Comm. Duenas also recommended that the Rules Committee formalize the Standard Operating Procedure (SOP) for appointments, employment and termination in executive session. The Committee would work with counsel to develop the definitions, prepare the draft citing the supporting case law, where necessary. It was discussed that all members of the Commission would be members of the Rules Committee. All agreed that this was a good recommendation and thanked Comm. Limtiaco for volunteering to chair the CCU Rules Committee.

Comm. Limtiaco restated his motion - to establish a Standing Rules Committee for the Consolidated Commission on Utilities to include all five members of the Commission as members second by Comm. Guthertz. On the motion there was no further discussion or objection and the motion passed unanimously.

Outside Counsel Leon Guerrero advised that the Chairman asked him to draft a letter to the Attorney General advising him of the CCU action/s to date relative to his 4/23/19 letter addressing the Executive Session meeting of Nov. 27, 2018. Outside Counsel read his draft which specified all actions taken by the Commission to date – to rescind all pay raises given, to rescind all bonuses given, to payback pay adjustment / bonus, to release Minutes, documents and recordings of Executive Session of Nov. 27, 2018. It was agreed that he would draft the letter and that Chairman Duenas would sign the letter and send to Atty. General Camacho.

Comm. Limtiaco asked outside counsel about the (5) opinions that the Commission asked him to draft and whether or not he would still provide a response i.e. the declaratory judgement issue and others. Outside counsel apologized and said he thought the matter was moot and that is why he did not do so to date. After some discussion it was decided to have outside counsel proceed to draft the opinion and deliver via the Chairman who will then disseminate to the other four Commission members.

8. ADJOURNMENT

There being no other business to bring before the Commission, the meeting adjourned at 7:40 p.m.

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Attested

JOSEPH T. DUENAS, Chairman

MICHAEL T. LIMTIACO Secretary



Management Report

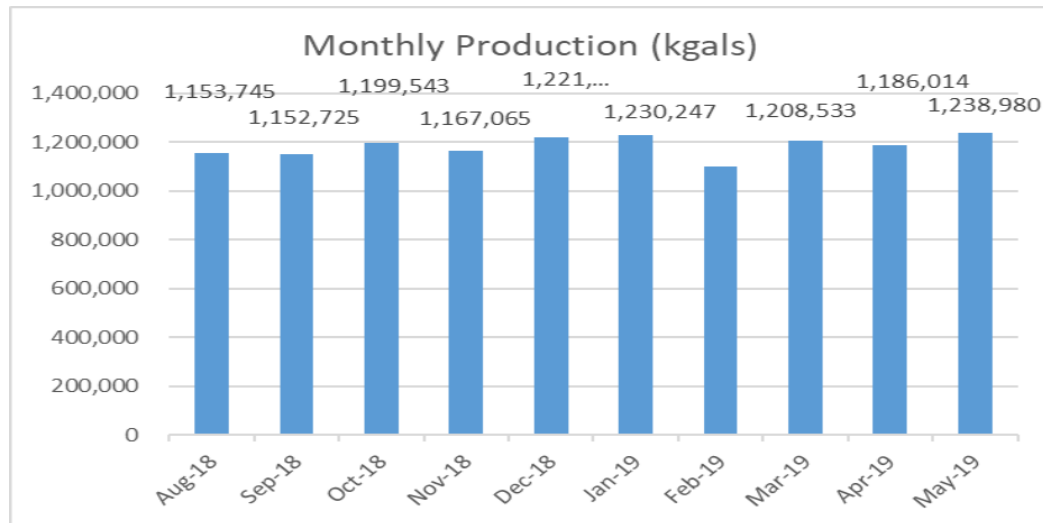
GWA CCU Meeting, July 23, 2019

Operations Update

Production (May 2019)

Monthly Production Summary - May 2019					
Deep Wells				36.5 MGD	
Active wells =	102	of 120			
Avg days in operation =	31	days			
Total Production =	1,131,672	Kgals			
Springs				0.17 MGD	
	31	days			
Total Production =	5409	Kgals			
Ugum Surface Water Plant				2.3 MGD	
Avg days in operation =	31	days			
Total Production =	71,736	Kgals			
Tumon Maui Well				0.97 MGD	
Avg days in operation =	31	days			
Total Production =	30,163	Kgals			
				1,238,980	40.0 MGD

DW Status as of 5/31/2019	
Active	102
Grounded motor or Pump Failure	5
Out of commission	8
Secured, PFOs	2
Temporarily Secured	1
Standby	2
TOTAL	120

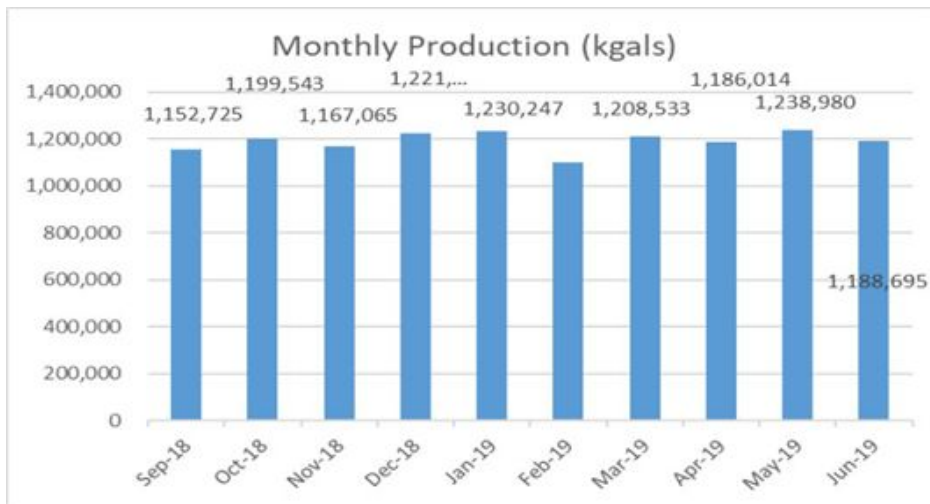


Operations Update

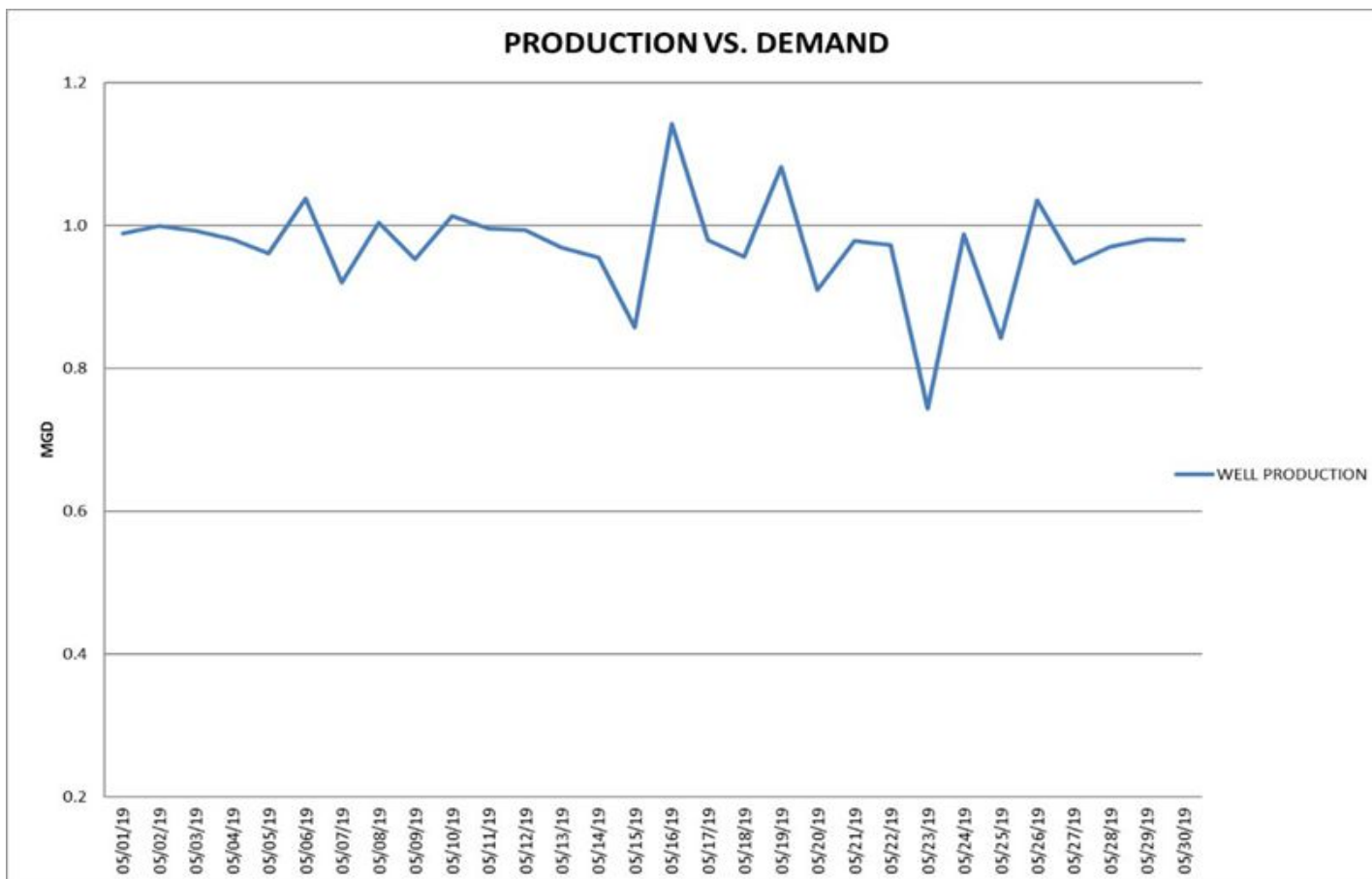
Production (June 2019)

Monthly Production Summary - June 2019				
Deep Wells			36.0 MGD	
Active wells =	103	of 120		
Avg days in operation =	30	days		
Total Production =	1,079,487	Kgals		
Springs			0.19 MGD	
Avg days in operation =	30	days	*placed on standby	
Total Production =	5828	Kgals		
Ugum Surface Water Plant			2.4 MGD	
Avg days in operation =	30	days		
Total Production =	71,489	Kgals		
Tumon Maui Well			0.97 MGD	
Avg days in operation =	30	days		
Total Production =	29,210	Kgals		
			1,186,014	Kgals
			39.5 MGD	

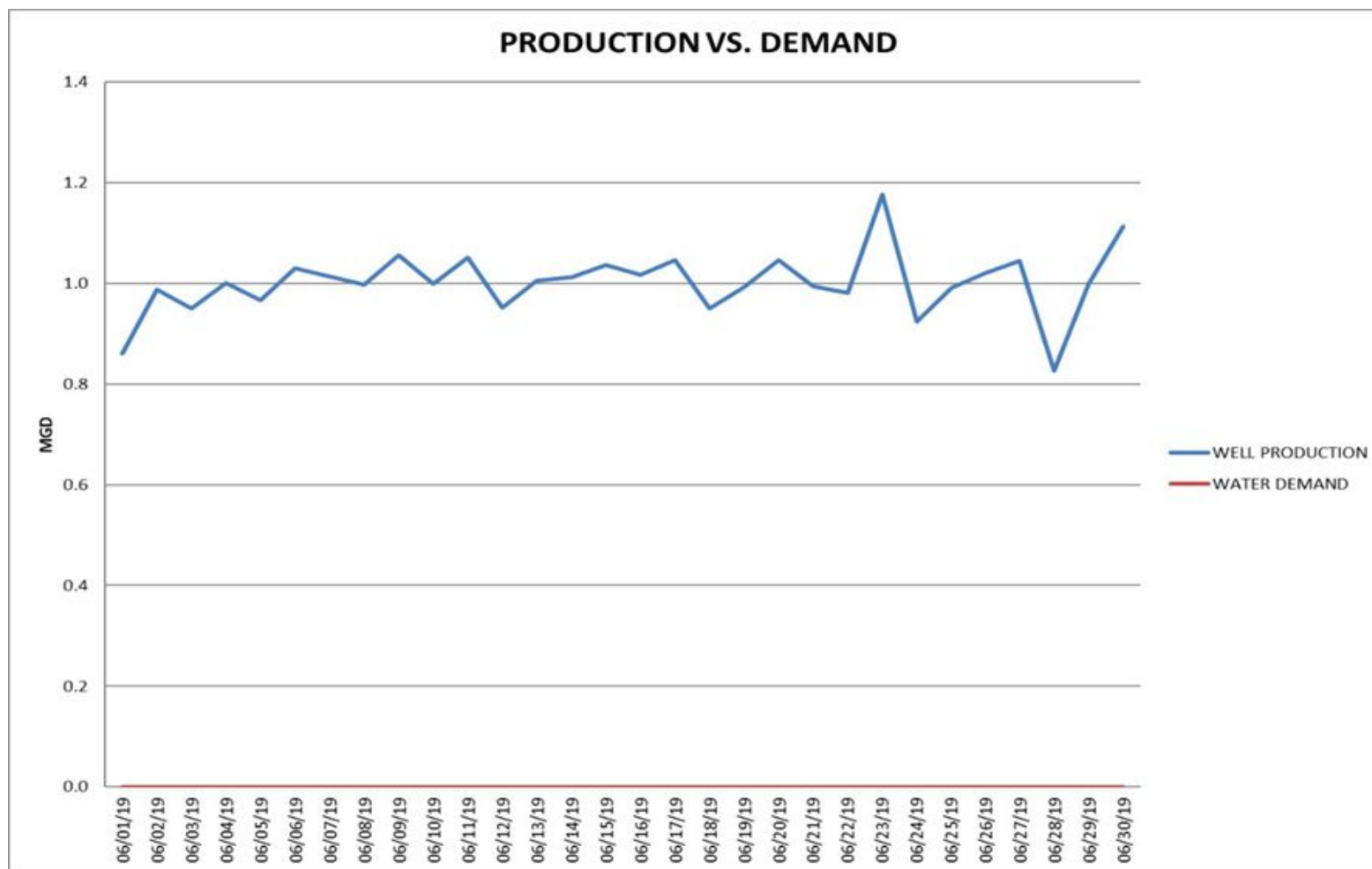
DW Status as of 6/30/2019	
Active	97
Grounded motor or Pump Failure	6
Out of commission	8
Secured, PFOs	2
Standby	7
TOTAL	120



Tumon Maui Well Production (May 2019)



Tumon Maui Well Production (June 2019)



Distribution (May 2019)

Monthly Distribution Summary - May 2019					
Water Booster Pump Stations					
	District	No. of Stations	Total Pumps	Pumps Operating	% Operational
	Northern	11	20	18	90.0%
	Central	7	15	15	100.0%
	Southern	7	15	14	93.3%
		25	50	47	94.0%



Distribution (June 2019)

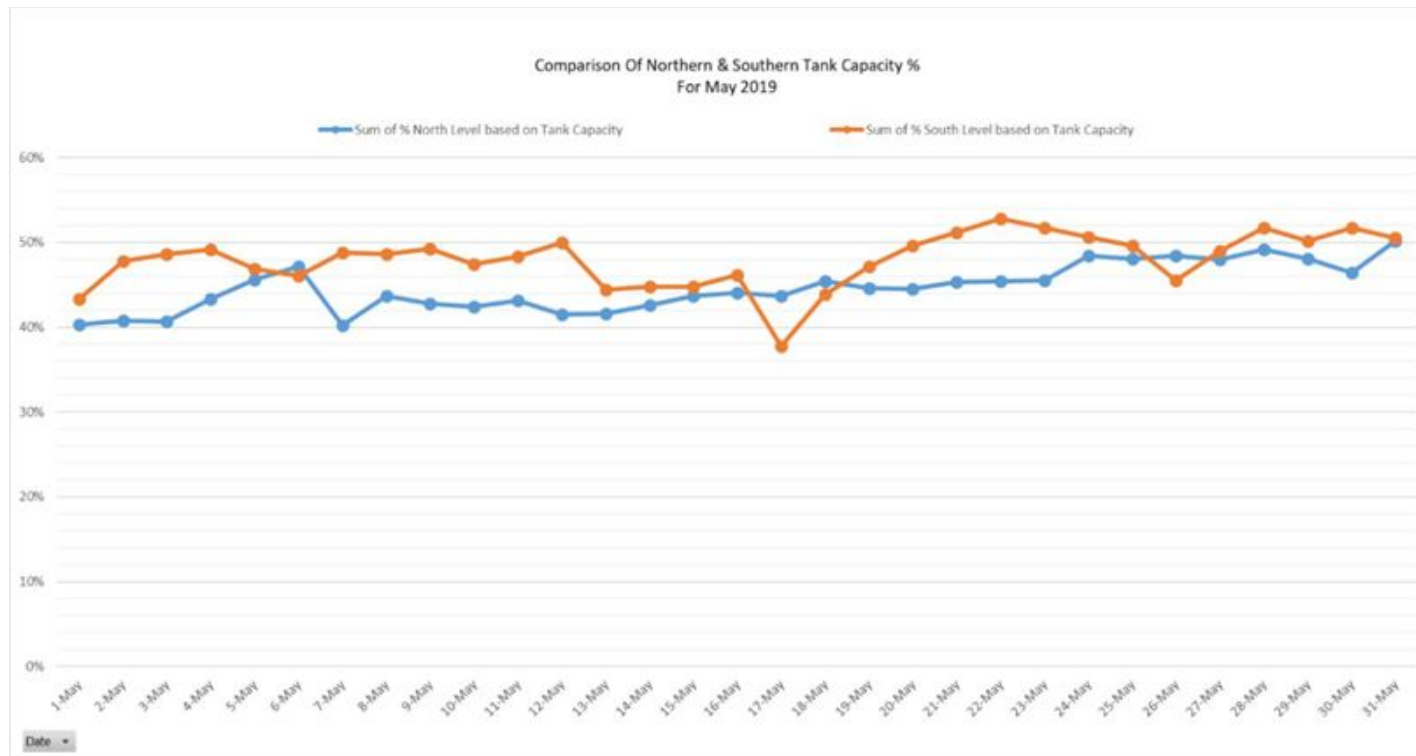
Monthly Distribution Summary - June 2019

Water Booster Pump Stations

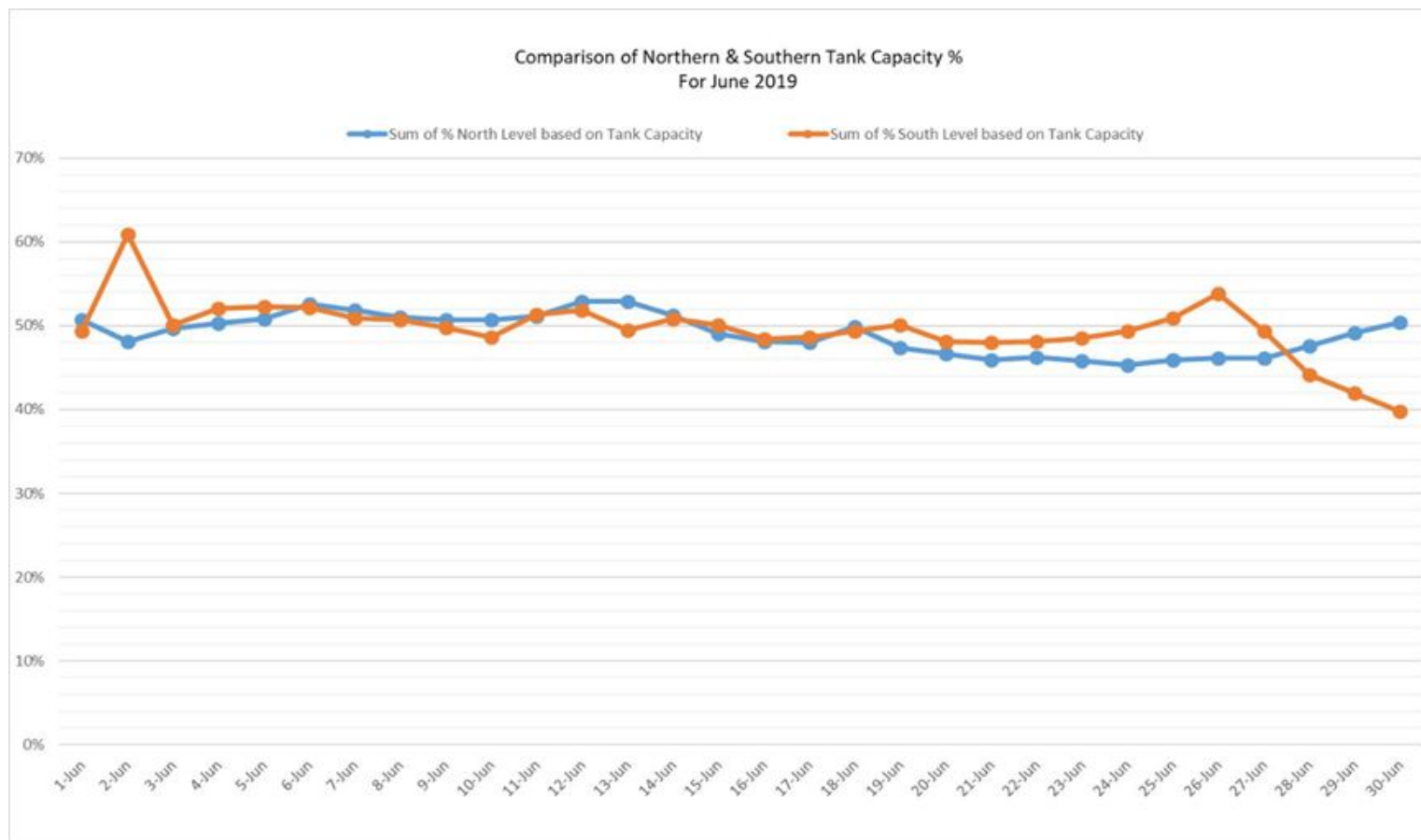
	District	No. of Stations	Total Pumps	Pumps Operating	% Operational
	Northern	11	20	18	90.0%
	Central	7	15	15	100.0%
	Southern	7	15	15	100.0%
		25	50	48	96.0%



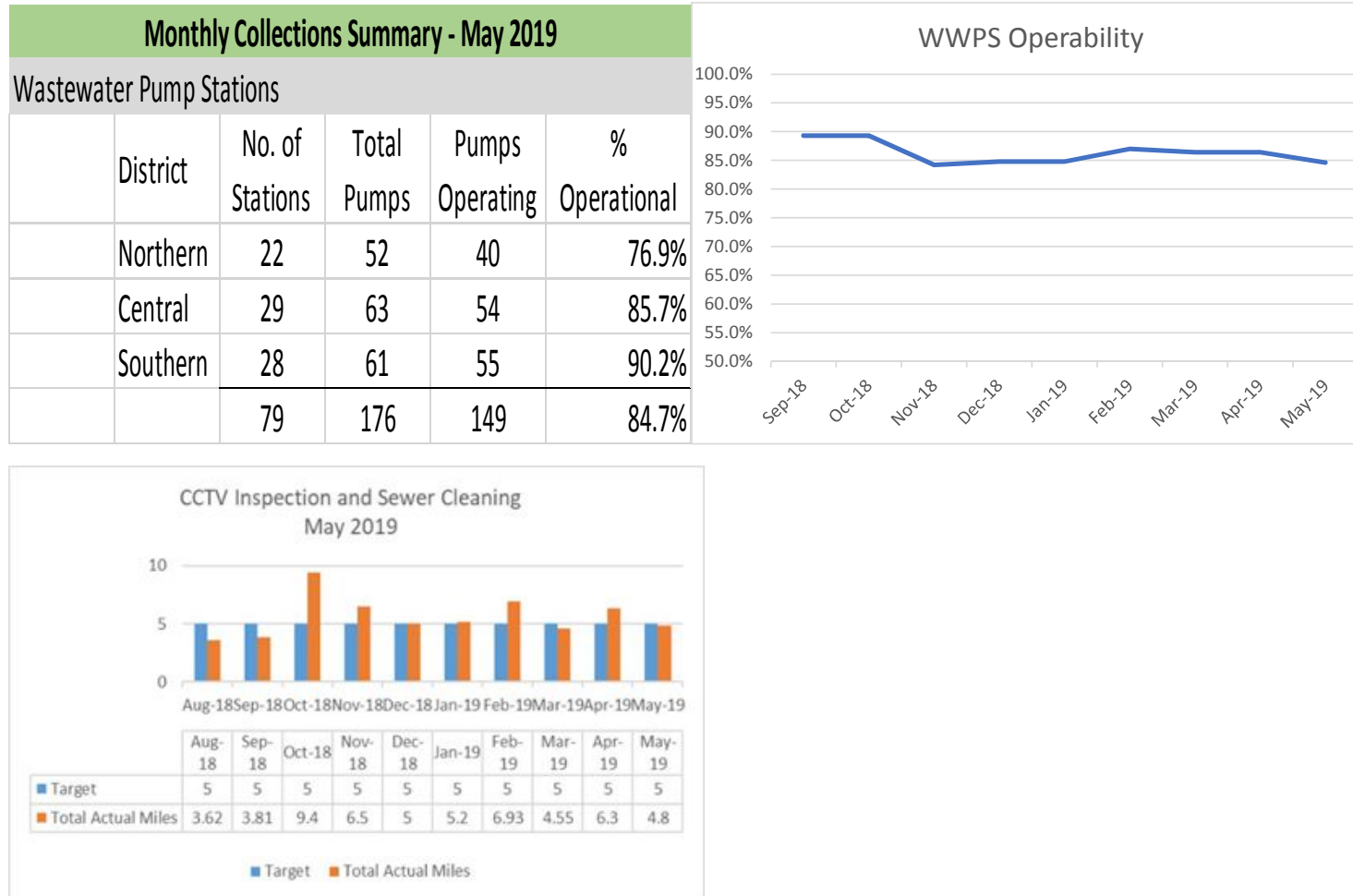
Distribution – Tank Levels (May 2019)



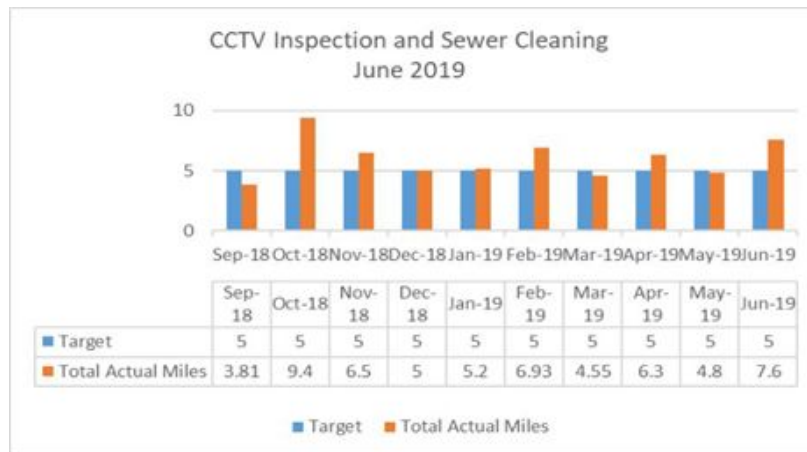
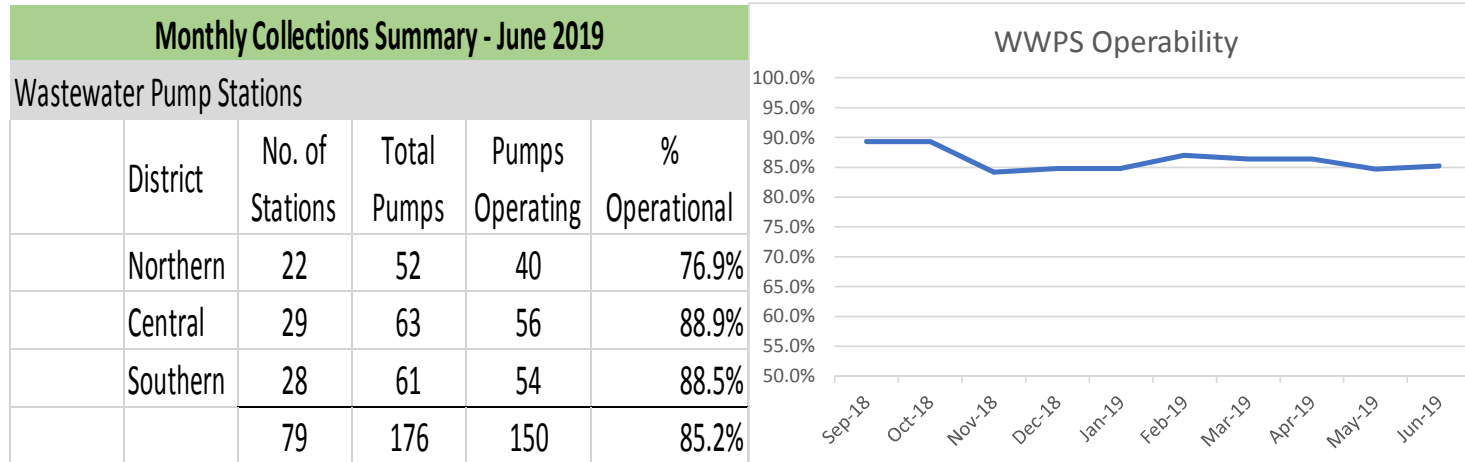
Distribution – Tank Levels (June 2019)



Wastewater Collections (May 2019)

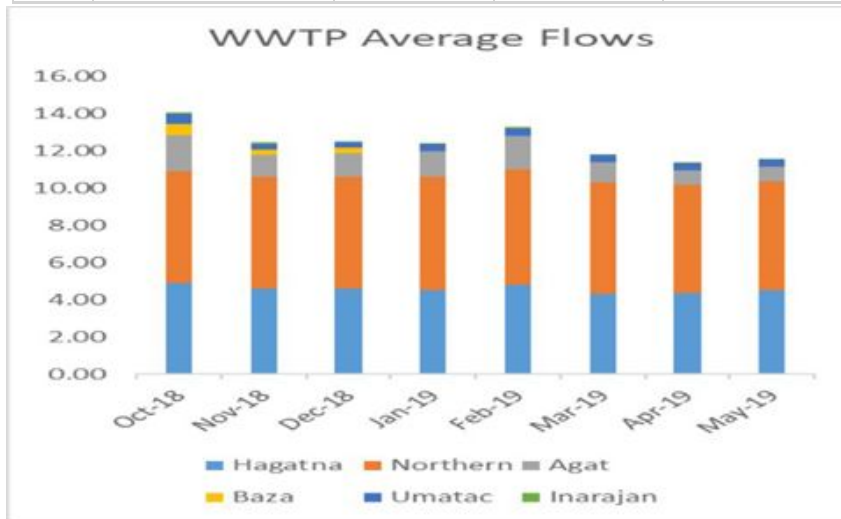


Wastewater Collections (June 2019)



Wastewater Treatment (May 2019)

Monthly Wastewater Treatment Summary - May 2019				
WW Treatment Plants - Flows				
	Facility	Avg. Daily Flows (MGD)	Sludge (lbs)	Sludge Disp. (\$)
	Hagatna	4.49	316,320	\$ 28,469
	Northern	5.87	1,351,300	\$ 121,617
	Agat	0.8		
	Baza	0		
	Umatac	0.39		
	Inarajan	0.05		
		11.60	1,667,620	\$ 150,086

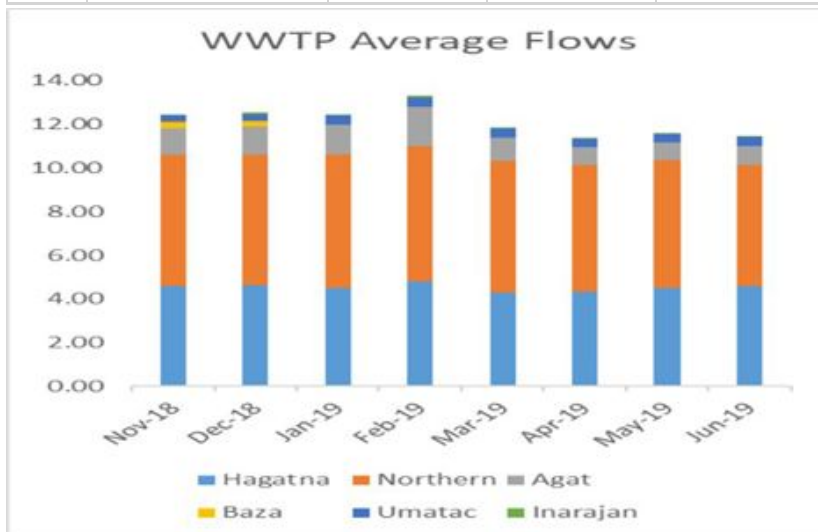


Wastewater Treatment (June 2019)

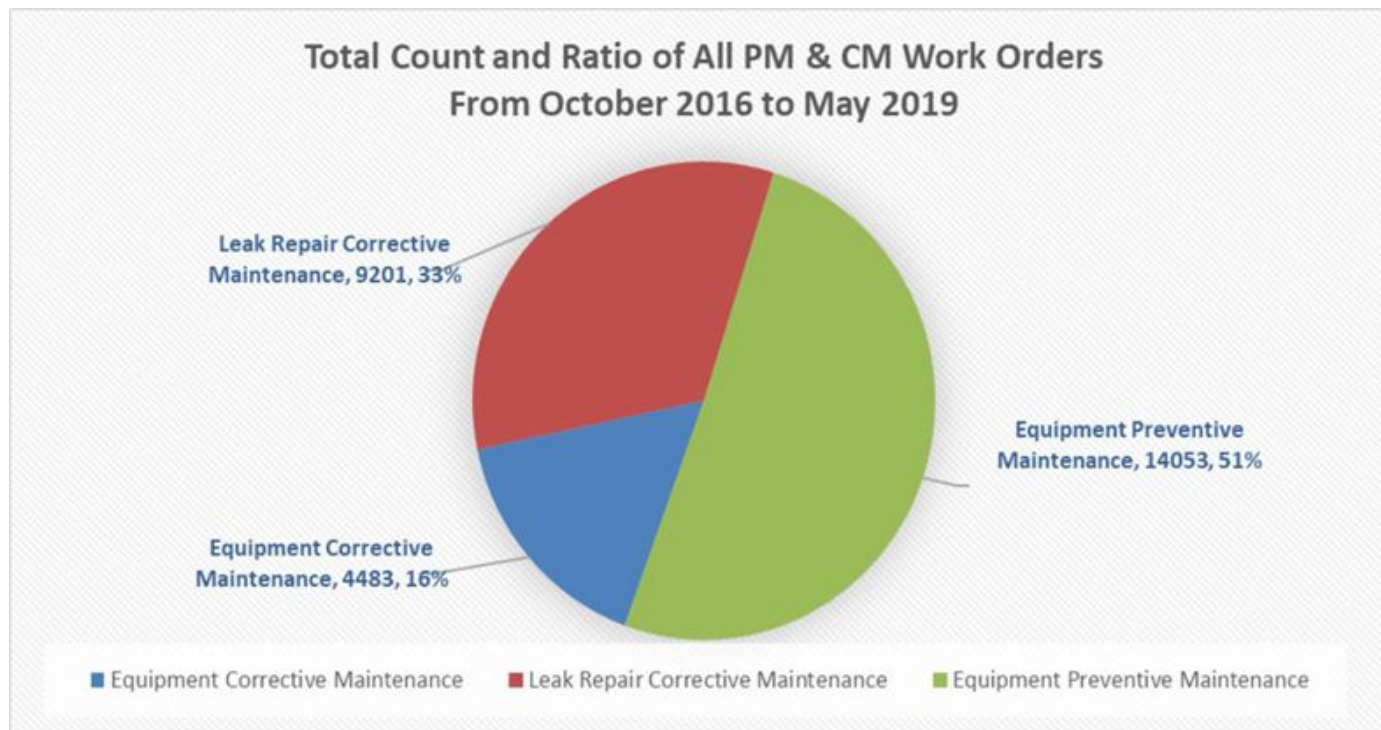
Monthly Wastewater Treatment Summary - June 2019

WW Treatment Plants - Flows

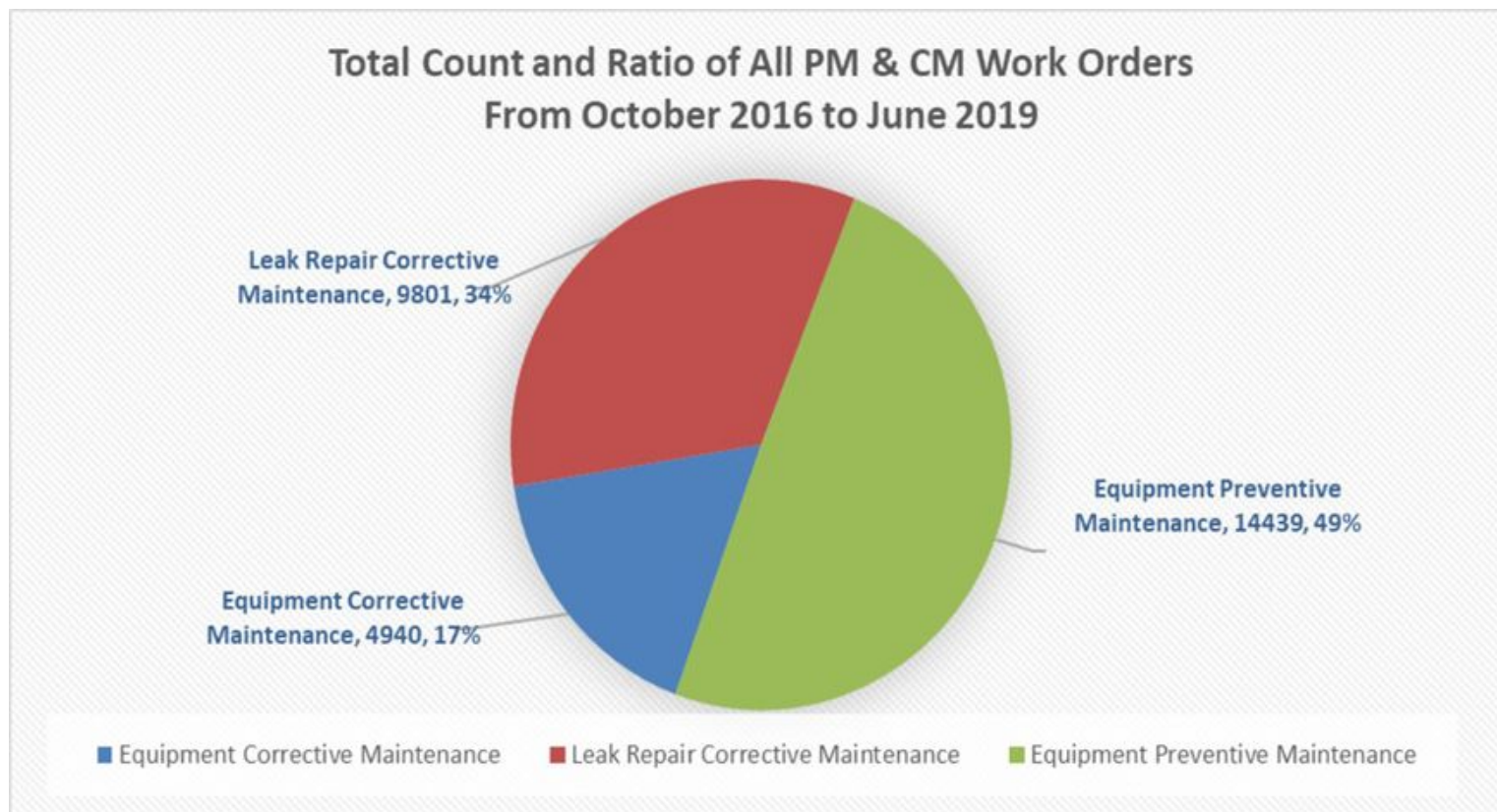
	Facility	Avg. Daily Flows (MGD)	Sludge (lbs)	Sludge Disp. (\$)
	Hagatna	4.59	564,640	\$ 50,818
	Northern	5.56	736,660	\$ 66,299
	Agat	0.87		
	Baza	0		
	Umatac	0.39		
	Inarajan	0.04		
		11.45	1,301,300	\$ 117,117



Asset Management (May 2019)



Asset Management (June 2019)



Operational Issues

Production & Distribution

- Well Y-9: pump and motor recovery completed; contractor's ingenuity and tenacity contributed to success in recovering pump/motor and column previously thought lost down-hole.
 - Yigo reservoir levels have recovered
- Ugum WTP:
 - SCADA system upgrade and hardware replacement was completed
 - Testing & final commissioning revealed some issues with UPS and programming; troubleshooting is on-going
 - Connection/integration of raw water intake pumps is on-going
 - CIP in planning stages

Wastewater Collection & Treatment

- We have a new O&M Manager – Jason Tudela is taking over the reigns of WW Collection
- Pump stations
 - Critical spares and replacements procurement – orders released; pending arrival
- Collection System:
 - Harmon: Smoke testing and CCTV in Harmon Industrial Park conducted to identify sources of I&I affecting Harmon Pump Station
 1. Parking lot storm drain positive for smoke located in vicinity of Quality Distributors (see Figure 1)
 2. Sabana Condominiums- positive for smoke at cracked concrete structure attached to wall (see Figure 2)
 3. Hillside Apartments three locations positive for smoke-potentially defective sewer line (Figure 2)
 4. Total Chemical Resources-cleanout with shower drain cover positive for smoke (see Figure 3)
 5. 3-4-inch uncapped cleanout located on Harmon Industrial Park Road open- positive of smoke (Figure 4)
 6. Green Market parking lot storm drain located positive for smoke (Figure 5)
 7. Proline storm drain & pavement crack butting on side of building positive for smoke (Figure 6)
 8. Large open cleanout on unknown road across JL Baker positive for smoke (Figure 7)
 9. Open cleanout (2 each) on unknown road along to Guam mini-storage /Giant Corp positive for smoke (Figure 8)
 10. Open Cleanout on intersection of Harmon Ind Rd & Rojas street positive for smoke (Figure 9)
 11. Two discovered MHs not on GIS/As-built – one with inlet coming from direction of ponding basin extent of lines could not be determined using smoke machine. Guerrero street & Haguit streets (Figure10)
 12. Unmapped sewer segment including a (potentially private pump station) on Pangelinan Blas street (Figure 11)
 13. Customer Billing Accounts – GIS shows inconsistency in sewerage and unsewered customers (see Figure 12)

Location of Smoke Machine_Harmon Industril Park_Harmon Pumpstation sub-basin



Red dot- smoke machine location (12 sites)

Red rectangle- corresponds to figure number below in "significant & incidental findings"

Meters from January 2017 through June 2019

COMPLETED FIELD ACTIVITY											COMPLETED FIELD ACTIVITIES (IN PROCESS) TO BE POSTED IN CIS
JAN 2017 THRU JUNE 2019 (POSTED IN CIS)	2017	2018	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	TOTAL:		
GWA - Test Meter	5206	12191	1330	759	717	1317	664	703	22887		110
GWA - Meter Exchange	6487	13353	158	140	444	1583	1212	922	24299		152
TOTAL:	11693	25544	1488	899	1161	2900	1876	1625	47186		262

# OF METERS TESTED AS PER METER TEST FACILITY REPORTS:	6079	12259	937	730	518	1231	1135	621	23510	
# OF BACKBILLINGS APPLIED AS PER FINANCE REPORTS:	746	4272	1188	n/a	787	519	45	305	7862	\$ 3,047,224.00
# OF FIELD CREW PERFORMING CHANGE OUTS:	19.4	16.1	1	1	10	8	7	7		
# OF ADMIN STAFF TO CREATE AND POST FIELD ACTIVITIES IN CIS	10	6.3	0	0	4	9	6	6		
# OF SUPPLY STAFF TO ISSUE MATERIALS AND PROGRAM NEW METERS:	2	2	0	0	2	2	2	2		
# OF TEST FACILITY PERSONNEL TESTING METERS:	3	2	2	2	2	2	3	3		
# OF ACCOUNTANTS CALCULATING BACK BILLS:	2	3	5	5	3	2	1	3		
TOTAL:	36.4	29.4	8	8	21	23	19	21		

Project resumed : March 22 2019

REMAINING ACTIVE BADGER LP MODELS AS OF June 30, 2019: 8561

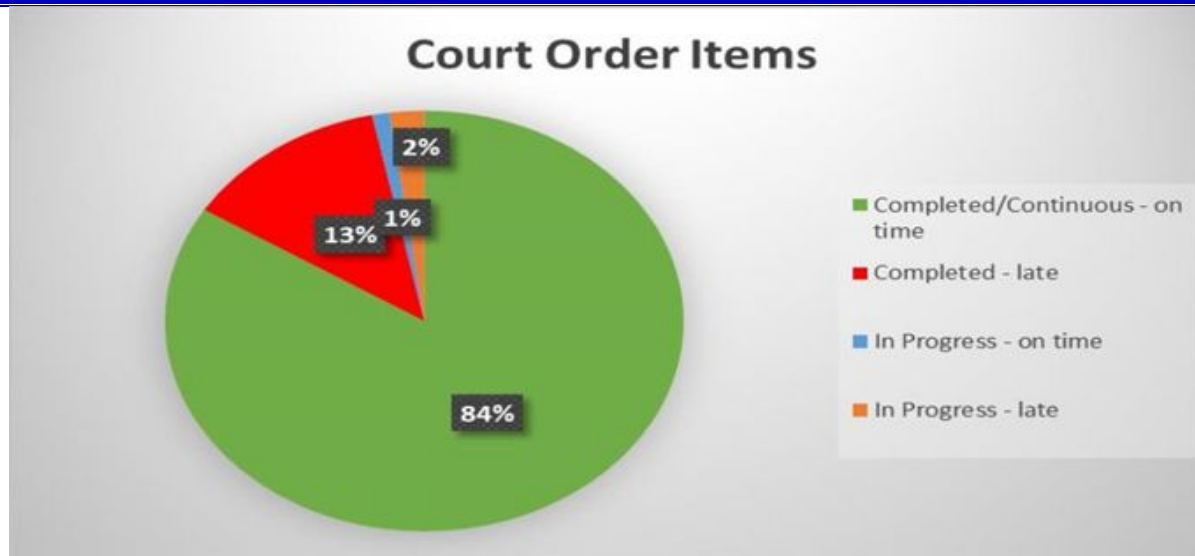
Stock #	Size	Meter Description	New Meters	Passed Field Meters	MMP	Meters Available	Meters at MTF	Total Count
60484	3/4"	METER, Badger AMR 5/8" X 3/4" RCDL Model M25 Disc Meter	74	0	0	74	18	92
74131	3/4"	METER, Badger AMR 5/8" x 3/4" **WARRANTY** RCDL Model M25	0	0		0	4	4
65293	3/4"	METER, Badger 5/8"x3/4" NSF61-G RCDL M25LL Disc Meter Integral	501	2	0	503	0	503
74131	3/4"	METER, Badger AMR 5/8" x 3/4" RCDL Model M25 ***RMI***	0			0	13	13
84769	3/4"	METER, Badger E-SERIES 5/8"X3/4" ULTRASONIC	980			980	193	980

One Guam Update

- Santa Rosa Tank
 - GWA submitted brief on operational and system improvements, resiliency and system performance for AAFB consideration; AAFB acknowledged receipt but has not responded.
 - GWA to proceed with Santa Rosa Tank project with intertie up to AF property – no delay to the GWA project
- OEA Projects
 - Observation Wells
 - All well sites finally received Navy and AAFB site approvals; proceeding with Archaeological and Biological Assessments.
- Property Transfers
 - Transfer of BPM-1
 - Navy requested pre-title inspection report – slow going
 - Transfer of Navy Laterals at Murray Road to GWA
 - Title research on-going
 - GWA Engineering evaluating which lines we should receive and which we should not
 - NBG PW to send the letter of release of easements & laterals
 - Nimitz Hill Booster Station
 - Confirmed DOD's easement is 50' wide; GWA Engineering is working on easement request for GWA WBPS improvements.
- Other
 - Cabras Island Water Lines
 - Upgrade project is about to begin
 - Navy preparing documents for release after upgrades completed.
 - Data Sharing SOP/MOU
 - Under AAFB review
 - Route 16
 - No movement; Navy upgrade still planned

Court Order

	Items	On-time Items Completed/Continuous	Items Delayed	Completed Late	Items on Schedule	Performance %
Court order total	93	78	2	12	1	97.8%



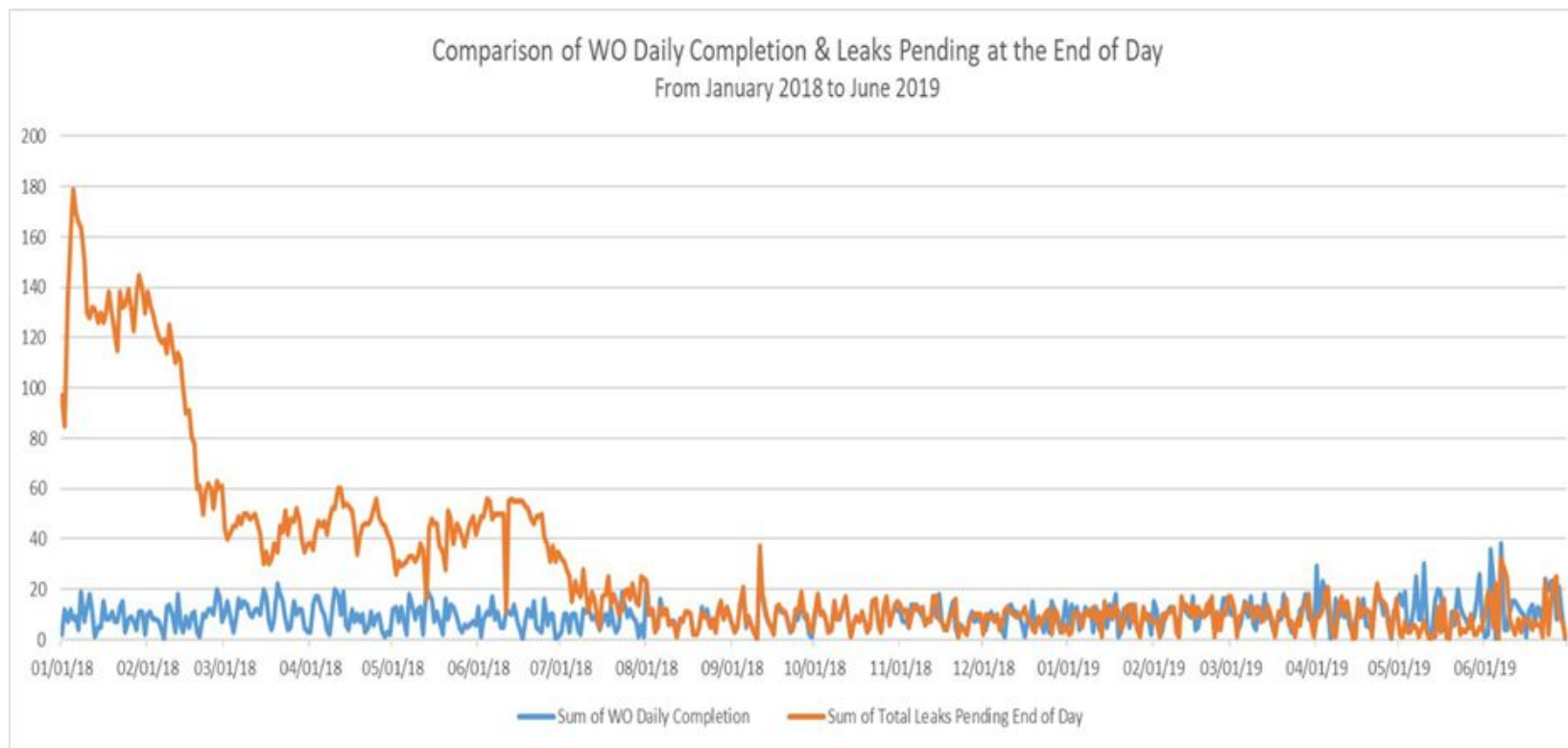
Status Information

- 2 items delayed
 - Water Reservoir Repair. Replacement or Relocation program, CO II C 29(b)(6)(i) – (10 additional tanks by 7th CO anniversary). (Affects final date of the Court Order.)
 - Umatac-Merizo Wastewater Treatment Plant – July/August 2019
- Final Date to complete all Court Order items may 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).]
- Overflow or Bypass events reported to USEPA:
 - 06-11-19, Taitano Apartments sewer back up (FOG)
 - 06-27-19 Southern Link Pump Station failure – (moisture in controls)
 - (Note: due to special security checking by GWA Safety Staff, break-ins and wire theft have been intercepted and or prevented.)

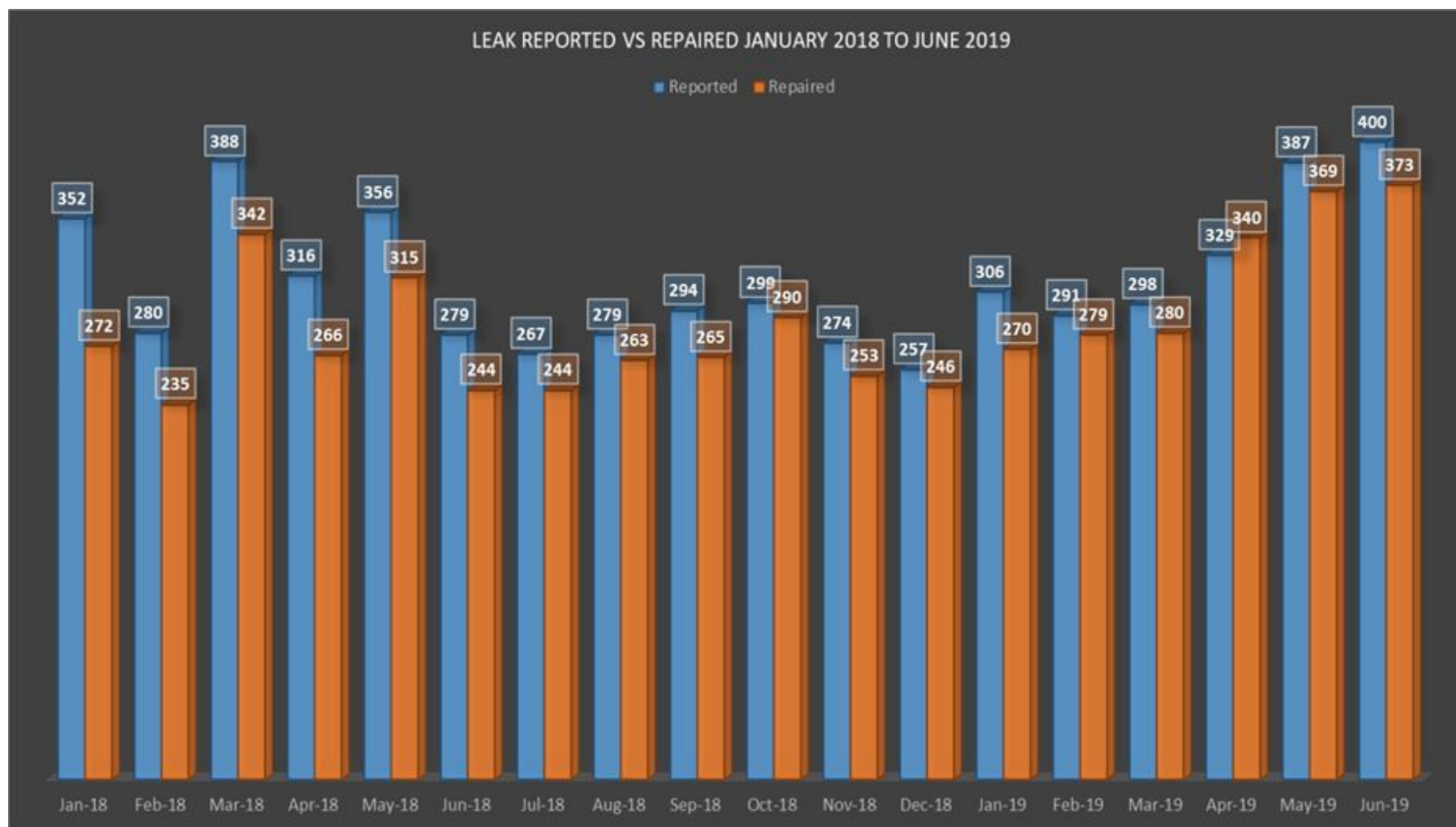
Land Acquisition Summary

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Tanks	Ugum	Private	Land acquisition completed and filed under GWA ownership 03/29/2019.
	Astumbo	Gov't. - CLTC	GWA and DLM working together on Land Registration process. Pending Notification of surrounding lot owner information from DLM.
	Piti	Private	Preliminary geotechnical investigation and archaeological investigation in the process 05/01/18.
Expansion of the Northern District Wastewater Treatment Plant (NDWWTP)	Dededo	Gov't - GALC	Land acquisition completed and filed under GWA ownership 09/17/18.
Deep Wells	AG-12	Dept. of Agriculture/Manhita Farms	Right of Entry Agreement sent to Dept of AG for signature 05/24/18. 2 nd follow up sent on 09/12/18. 3 rd follow up sent on 04/10/19. Retracement Survey Property Map with DLM for review 03/06/19. Retracement Survey Property Map with DLM for final approval 06/05/19.
	Y-8	Gov't. - CLTC	Property ownership under Guam Waterworks Authority per Grant Deed No. 928090.
Booster Pump Station	Agfayan	Private	Authorization Form to perform appraisal and investigative services for L28, B19, T3734, Inarajan signed by CLTC 10/29/2018.
Sewer Pump Stations	2 nd Adjacent Property to Southern Link	Private	Court Approved sale of a portion of Lot 5036-3, Dededo 04/24/19. DCS submitted Survey Fee Proposal for GWA review and approval 06/18/19.
Asan Springs	Asan	Federal	License Agreement for Asan Springs facility that fall on Dept. of Park Services property currently under DOI review.

Leak Repair Summary (May and June 2019)



Comparison of Leaks Reported vs. Leaks Repaired (May and June 2019)



Monthly Leak Report Cost (May and June 2019)



Assumptions:

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

**GUAM WATERWORKS AUTHORITY
JUNE 30, 2019
FINANCIAL AND RELATED REPORTS
TABLE OF CONTENTS**

	SCHEDULES	PAGE
BALANCE SHEET	A	2
INCOME STATEMENT MTD ACTUALS VS MTD BUDGET	B	3
INCOME STATEMENT MTD ACTUALS FY19 VS FY18	C	4
INCOME STATEMENT YTD ACTUALS VS YTD BUDGET	D	5
INCOME STATEMENT YTD ACTUALS FY19 VS FY18	E	6
SCHEDULE of CASH RESTRICTED/UNRESTRICTED	F	7
AGING REPORT - GOVERNMENT RECEIVABLES	G	8
SYSTEM DEVELOPMENT CHARGES PROJECT STATUS	H	9

GUAM WATERWORKS AUTHORITY
Balance Sheet
June 30, 2019

SCHEDULE A

ASSETS AND DEFERRED OUTFLOWS of RESOURCES	Unaudited June 30, 2019	Audited September 30, 2018	Increase (Decrease)
Current Assets			
Cash			
Unrestricted (Schedule F)	5,378,739	3,094,379	2,284,360
Restricted Funds (Schedule F)	86,897,934	84,228,994	2,668,940
Accounts Receivable Trade, Net of Allowance for Doubtful Receivables of \$7,148,677 at Jun 30, 2019 and \$5,516,077 at Sep 30, 2018	13,135,160	16,610,663	(3,475,503)
Federal Receivable	521,313	3,837,146	(3,315,833)
Other Receivable	1,891,728	1,330,800	560,927
Materials & Supplies Inventory, Net of Allowance for Obsolescence of \$64,131 at Jun 30, 2019 and \$64,131 at Sep 30, 2018	3,245,358	3,342,557	(97,199)
Total Current Assets	111,070,233	112,444,539	(1,374,307)
Property, Plant and Equipment			
Utility plant in service			
Water system	368,674,905	348,812,303	19,862,601
Wastewater system	300,407,082	300,053,427	353,655
Non-utility property	22,065,728	21,720,023	345,705
Total property	691,147,714	670,585,753	20,561,961
Less Accumulated Depreciation	(318,851,032)	(303,019,447)	(15,831,585)
Land	3,861,120	3,681,120	180,000
Construction Work in Progress	215,996,889	178,443,926	37,552,963
Property, Plant and Equipment, net	592,154,691	549,691,352	42,463,339
Other noncurrent assets			
Restricted cash (Schedule F)	125,162,887	159,753,667	(34,590,780)
Investments (Schedule F)	53,882,296	43,097,913	10,784,383
Other Prepaid Expenses	812,276	677,828	134,449
Total other noncurrent assets	179,857,459	203,529,408	(23,671,948)
Total Assets	883,082,383	865,665,299	17,417,084
Deferred outflows of resources			
Debt defeasance due to bond refunding	12,184,982	12,810,787	(625,805)
Deferred outflows from pension	4,233,575	4,220,075	13,500
Deferred outflows from OPEB	9,070,814	9,070,814	-
Total Assets and Deferred Outflows of Resources	908,571,754	891,766,975	16,804,778
LIABILITIES, DEFERRED INFLOWS of RESOURCES AND NET ASSETS			
Current Liabilities			
Current maturities of long-term debt			
Series 2010 Bond	1,800,000	1,800,000	-
Series 2014 Refunding	3,620,000	3,620,000	-
Series 2017 Refunding	295,000	295,000	-
Notes Payable	3,047,502	3,203,870	(156,367)
Accounts Payable -Trade	4,365,231	5,442,000	(1,076,769)
Interest Payable	12,826,707	6,427,669	6,399,039
Accrued Payroll and Employee Benefits	1,129,899	1,608,219	(478,320)
Accrued Annual Leave	1,059,161	1,059,161	-
Current portion of employee annual leave	607,382	607,382	-
Contractors' Payable	14,551,822	25,680,792	(11,128,970)
Customer and Other Deposits	2,335,611	2,131,242	204,369
Other Liabilities	73,086	106,997	(33,911)
Total Current Liabilities	45,711,403	51,982,331	(6,270,929)
Long Term Debt, less current maturities			
Series 2010 Revenue Bond	1,895,000	1,895,000	-
Series 2013 Revenue Bond	172,630,000	172,630,000	-
Series 2014 Refunding Bond	68,900,000	68,900,000	-
Series 2016 Revenue Bond	143,310,000	143,310,000	-
Series 2017 Refunding Bond	107,365,000	107,365,000	-
Unamortized Bond Premium/Discount	32,223,238	33,300,619	(1,077,380)
Notes Payable	90,252	2,325,154	(2,234,902)
Net pension liability	45,451,352	45,451,352	-
Net OPEB obligation	88,950,661	88,950,661	-
Employee Annual Leave, Less Current Portion	822,821	822,821	-
Total Liabilities	707,349,727	716,932,938	(9,583,211)
Deferred inflows of resources:			
Deferred inflows from pension	1,870,114	1,857,164	12,950
Deferred inflows from OPEB	8,741,900	8,741,900	-
Total Liabilities and Deferred Inflows of Resources	717,961,741	727,532,002	(9,570,261)
Net Assets	190,610,013	164,234,973	26,375,040
Total Liabilities, Deferred Inflows of Resources and Net Assets	908,571,754	891,766,975	16,804,778

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending June 30, 2019

SCHEDULE B

	Month to Date		Variance
	Budget	Actual (Unaudited)	Favorable /
	June-19	June-19	(Unfavorable)
OPERATING REVENUES			
Water Revenues	5,813,246	5,646,006	(167,240)
Wastewater Revenues	3,247,265	3,046,430	(200,835)
Legislative Surcharge	294,667	282,666	(12,000)
Other Revenues	38,254	146,631	108,377
System Development Charge	97,773	104,797	7,025
Total Operating Revenues	9,491,205	9,226,531	(264,674)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	491,577	485,164	6,413
Power Purchases	1,342,315	1,342,115	200
Total Utility Costs	1,833,892	1,827,280	6,613
Salaries and Wages	1,782,365	1,469,941	312,424
Pension and Benefits	562,238	458,463	103,775
Total Salaries and Benefits	2,344,603	1,928,404	416,199
Capitalized Labor and Benefits	(308,333)	(308,333)	(0)
Net Salaries and Benefits	2,036,269	1,620,071	416,199
Administrative and General Expenses			
Sludge removal	99,271	97,242	2,029
Chemicals	270,801	270,352	450
Materials & Supplies	195,606	194,509	1,096
Transportation	57,648	56,992	655
Communications	18,554	18,347	208
Claims	8,417	3,006	5,410
Insurance	79,461	77,860	1,601
Training & Travel	30,417	27,519	2,898
Advertising	25,500	25,059	441
Miscellaneous	68,632	67,935	697
Regulatory Expense	25,029	22,988	2,041
Bad Debts Provision	180,148	179,479	669
Total Administrative and General Expense	1,059,483	1,041,288	18,195
Depreciation Expense	1,759,065	1,759,065	(0)
Contractual Expense			
Audit & Computer Maint.	73,283	72,800	483
Building rental	38,361	35,211	3,150
Equipment rental	88,480	88,007	473
Legal	4,512	4,438	75
Laboratory	20,362	18,489	1,873
Other	200,958	175,535	25,423
Total Contractual Expense	425,956	394,479	31,477
Retiree Supp. Annuities and health care costs	249,871	239,069	10,802
Contribution to Government of Guam	51,975	50,000	1,975
Total Retiree Benefits	301,846	289,069	12,777
Total Operating Expenses	7,416,512	6,931,251	485,260
Earnings (Loss) from Operations	2,074,693	2,295,280	220,587
Interest Income-2010/13/14/16/17 Series Bond	84,943	355,724	270,781
Interest Income-Other Funds	13,856	77,212	63,356
Interest Income-SDC	2,072	11,657	9,586
Interest Expense- 2010/13/14/16/17 Series Bond	(2,387,785)	(2,137,785)	250,000
Interest Expense- ST BOG	(19,762)	(15,194)	4,568
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	-	-
AFUDC	1,157,306	1,157,306	0
Amortization of Discount, Premium and Issuance Costs	(17,798)	119,709	137,507
Defeasance due to bond refunding	(16,201)	(69,534)	(53,333)
Deferred outflows from pension	-	-	-
Prior Year Adjustment	-	5,316	5,316
Total non-operating revenues (expenses)	(1,183,369)	(495,588)	687,781
Net Income (Loss) before capital contributions	891,324	1,799,692	908,368
Capital Contributions			
Grants from US Government	5,533,205	584,537	(4,948,669)
Grants from GovGuam & Others	-	17,468	17,468
Total Capital Contributions	5,533,205	602,004	(4,931,201)
Change in Net Assets	6,424,529	2,401,696	(4,022,833)
Debt Service Calculation			
Earnings From Operations	2,074,693	2,295,280	
System Development Charge	(97,773)	(104,797)	
Retiree COLA	51,975	50,000	
Interest/Investment Income	13,856	77,212	
Depreciation	1,759,065	1,759,065	
Balance Available for Debt Service per Section 6.12	3,801,817	4,076,759	
Working Capital Reserve Available for Debt Service	934,811	958,951	
Transfer to Working Capital- Debt Service Reserve	-	-	
Transfer to Working Capital- O&M Reserve	-	-	
Balance Available for Debt Service inclusive of reserves	4,736,628	5,035,710	
Debt Service			
Principal	476,250	476,250	
Interest	2,137,785	2,137,785	
Total	2,614,035	2,614,035	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	1.45	1.56	
Debt Service Coverage (1.75X) inclusive of reserves (PUC)	1.81	1.93	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending June 30, 2019 and 2018

SCHEDULE C

	Month to Date Actual (Unaudited) June-19	Actual (Audited) June-18	Variance Increase / (Decrease)
OPERATING REVENUES			
Water Revenues	5,646,006	5,531,297	114,709
Wastewater Revenues	3,046,430	3,191,784	(145,354)
Legislative Surcharge	282,666	289,209	(6,542)
Other Revenues	146,631	43,294	103,337
System Development Charge	104,797	89,249	15,549
Total Operating Revenues	9,226,531	9,144,833	81,698
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	485,164	723,748	(238,584)
Power Purchases	1,342,115	1,223,874	118,242
Total Utility Costs	1,827,280	1,947,622	(120,342)
Salaries and Wages	1,469,941	1,464,423	5,518
Pension and Benefits	458,463	376,266	82,197
Total Salaries and Benefits	1,928,404	1,840,689	87,715
Capitalized Labor and Benefits	(308,333)	(296,147)	(12,186)
Net Salaries and Benefits	1,620,071	1,544,542	75,529
Administrative and General Expenses			
Sludge removal	97,242	125,638	(28,396)
Chemicals	270,352	182,625	87,726
Materials & Supplies	194,509	180,995	13,514
Transportation	56,992	64,001	(7,009)
Communications	18,347	14,756	3,591
Claims	3,006	10,803	(7,797)
Insurance	77,860	76,005	1,855
Training & Travel	27,519	22,652	4,866
Advertising	25,059	14,226	10,833
Miscellaneous	67,935	84,564	(16,629)
Regulatory Expense	22,988	22,121	867
Bad Debts Provision	179,479	180,246	(767)
Total Administrative and General Expense	1,041,288	978,632	62,656
Depreciation Expense	1,759,065	1,606,687	152,378
Contractual Expense			
Audit & Computer Maint.	72,800	58,815	13,985
Building rental	35,211	36,603	(1,392)
Equipment rental	88,007	89,207	(1,200)
Legal	4,438	-	4,438
Laboratory	18,489	34,441	(15,952)
Other	175,535	200,655	(25,120)
Total Contractual Expense	394,479	419,721	(25,242)
Retiree Supp. Annuities and health care costs	239,069	662,581	(423,512)
Contribution to Government of Guam	50,000	49,833	167
Total Retiree Benefits	289,069	712,414	(423,345)
Total Operating Expenses	6,931,251	7,209,618	(278,367)
Earnings (Loss) from Operations	2,295,280	1,935,214	360,065
Interest Income-2010/13/14/16/17 Series Bond	355,724	255,374	100,350
Interest Income-Other Funds	77,212	45,645	31,567
Interest Income-SDC	11,657	13,852	(2,194)
Interest Expense- 2010/13/14/16/17 Series Bond	(2,137,785)	(2,177,468)	39,683
Interest Expense- ST BOG	(15,194)	(30,702)	15,508
Federal Expenditures	-	(62,220)	62,220
Loss on Asset Disposal	-	(162,136)	162,136
AFUDC	1,157,306	1,041,766	115,540
Amortization of Discount, Premium and Issuance Costs	119,709	(42,691)	162,400
Defeasance due to bond refunding	(69,534)	(62,043)	(7,490)
Deferred outflows from pension	-	32,592	(32,592)
Prior Year Adjustment	5,316	13,219	(7,903)
Total non-operating revenues (expenses)	(495,588)	(1,134,813)	639,225
Net Income (Loss) before capital contributions	1,799,692	800,402	999,290
Capital Contributions			
Grants from US Government	584,537	1,244,712	(660,175)
Grants from GovGuam & Others	17,468	22,681	(5,213)
Total Capital Contributions	602,004	1,267,392	(665,388)
Change in Net Assets	2,401,696	2,067,794	333,902
Debt Service Calculation			
Earnings From Operations	2,295,280	1,935,214	
System Development Charge	(104,797)	(89,249)	
Retiree COLA	50,000	49,833	
Interest/Investment Income	77,212	45,645	
Depreciation	1,759,065	1,606,687	
Balance Available for Debt Service per Section 6.12	4,076,759	3,548,131	
Working Capital Reserve Available for Debt Service	958,951	945,164	
Transfer to Working Capital- Debt Service Reserve	-	-	
Transfer to Working Capital- O&M Reserve	-	-	
Balance Available for Debt Service inclusive of reserves	5,035,710	4,493,295	
Debt Service			
Principal	476,250	433,333	
Interest	2,137,785	1,794,910	
Total	2,614,035	2,228,243	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	1.56	1.59	
Debt Service Coverage (1.75X) inclusive of reserves (PUC)	1.93	2.02	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending June 30, 2019

SCHEDULE D

	Year to Date		Variance
	Budget	Actual (Unaudited)	Favorable /
	June-19	June-19	(Unfavorable)
OPERATING REVENUES			
Water Revenues	52,319,218	50,284,853	(2,034,365)
Wastewater Revenues	29,225,385	28,967,919	(257,466)
Legislative Surcharge	2,652,001	2,626,732	(25,270)
Other Revenues	344,285	521,218	176,934
System Development Charge	879,953	655,509	(224,444)
Total Operating Revenues	85,420,841	83,056,231	(2,364,611)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	5,103,195	4,609,083	494,112
Power Purchases	12,166,836	12,165,974	862
Total Utility Costs	17,270,031	16,775,057	494,974
Salaries and Wages	16,041,286	14,573,095	1,468,191
Pension and Benefits	5,060,140	4,621,746	438,394
Total Salaries and Benefits	21,101,425	19,194,841	1,906,584
Capitalized Labor and Benefits	(2,775,000)	(2,775,000)	-
Net Salaries and Benefits	18,326,425	16,419,841	1,906,584
Administrative and General Expenses			
Sludge removal	1,118,942	1,104,701	14,240
Chemicals	1,672,213	1,543,410	128,803
Materials & Supplies	1,361,450	1,260,793	100,657
Transportation	457,828	455,774	2,054
Communications	135,487	111,859	23,628
Claims	75,750	44,432	31,318
Insurance	715,148	681,845	33,302
Training & Travel	273,750	179,021	94,729
Advertising	112,500	100,804	11,696
Miscellaneous	833,686	757,343	76,342
Regulatory Expense	225,261	137,850	87,411
Bad Debts Provision	1,633,334	1,632,509	825
Total Administrative and General Expense	8,615,348	8,010,342	605,006
Depreciation Expense	15,831,585	15,831,585	(0)
Contractual Expense			
Audit & Computer Maint.	529,051	510,109	18,942
Building rental	345,249	316,897	28,352
Equipment rental	874,817	873,980	837
Legal	11,609	10,754	855
Laboratory	306,762	197,412	109,349
Other	1,921,118	1,871,210	49,908
Total Contractual Expense	3,988,604	3,780,362	208,243
Retiree Supp. Annuities and health care costs	2,248,838	2,137,223	111,615
Contribution to Government of Guam	467,775	450,000	17,775
Total Retiree Benefits	2,716,613	2,587,223	129,390
Total Operating Expenses	66,748,605	63,404,409	3,344,196
Earnings (Loss) from Operations	18,672,236	19,651,822	979,586
Interest Income-2010/13/14/16/17 Series Bond	764,487	3,091,290	2,326,803
Interest Income-Other Funds	124,706	628,576	503,870
Interest Income-SDC	18,646	130,946	112,299
Interest Expense- 2010/13/14/16/17 Series Bond	(21,490,061)	(19,240,061)	2,250,000
Interest Expense- ST BOG	(177,858)	(159,415)	18,442
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	-	-
AFUDC	10,415,750	10,415,750	0
Amortization of Discount, Premium and Issuance Costs	(160,181)	1,077,380	1,237,561
Defeasance due to bond refunding	(145,809)	(625,805)	(479,996)
Deferred outflows from pension	-	-	-
Prior Year Adjustment	-	(279,392)	(279,392)
Total non-operating revenues (expenses)	(10,650,320)	(4,960,733)	5,689,587
Net Income (Loss) before capital contributions	8,021,916	14,691,089	6,669,173
Capital Contributions			
Grants from US Government	49,798,846	11,605,172	(38,193,674)
Grants from GovGuam & Others	-	78,779	78,779
Total Capital Contributions	49,798,846	11,683,951	(38,114,895)
Change in Net Assets	57,820,762	26,375,040	(31,445,722)
Debt Service Calculation			
Earnings From Operations	18,672,236	19,651,822	
System Development Charge	(879,953)	(655,509)	
Retiree COLA	467,775	450,000	
Interest/Investment Income	124,706	628,576	
Depreciation	15,831,585	15,831,585	
Balance Available for Debt Service per Section 6.12	34,216,349	35,906,474	
Working Capital Reserve Available for Debt Service	8,413,300	8,630,559	
Transfer to Working Capital- Debt Service Reserve	-	-	
Transfer to Working Capital- O&M Reserve	-	-	
Balance Available for Debt Service inclusive of reserves	42,629,649	44,537,033	
Debt Service			
Principal	4,286,250	4,286,250	
Interest	19,240,061	19,240,061	
Total	23,526,311	23,526,311	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	1.45	1.53	
Debt Service Coverage (1.75X) inclusive of reserves (PUC)	1.81	1.89	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending June 30, 2019 and 2018

SCHEDULE E

	Year to Date		Variance
	Actual (Unaudited)	Actual (Audited)	Increase /
	June-19	June-18	(Decrease)
OPERATING REVENUES			
Water Revenues	50,284,853	49,781,673	503,180
Wastewater Revenues	28,967,919	28,726,054	241,865
Legislative Surcharge	2,626,732	2,602,881	23,851
Other Revenues	521,218	389,647	131,571
System Development Charge	655,509	803,239	(147,730)
Total Operating Revenues	83,056,231	82,303,493	752,738
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	4,609,083	6,513,731	(1,904,648)
Power Purchases	12,165,974	11,014,865	1,151,109
Total Utility Costs	16,775,057	17,528,595	(753,538)
Salaries and Wages	14,573,095	13,179,810	1,393,285
Pension and Benefits	4,621,746	3,386,394	1,235,352
Total Salaries and Benefits	19,194,841	16,566,204	2,628,637
Capitalized Labor and Benefits	(2,775,000)	(2,665,323)	(109,677)
Net Salaries and Benefits	16,419,841	13,900,881	2,518,960
Administrative and General Expenses			
Sludge removal	1,104,701	1,130,740	(26,039)
Chemicals	1,543,410	1,643,629	(100,219)
Materials & Supplies	1,260,793	1,628,954	(368,161)
Transportation	455,774	576,008	(120,233)
Communications	111,859	132,800	(20,941)
Claims	44,432	97,231	(52,799)
Insurance	681,845	684,045	(2,200)
Training & Travel	179,021	203,869	(24,848)
Advertising	100,804	128,032	(27,227)
Miscellaneous	757,343	761,077	(3,733)
Regulatory Expense	137,850	199,091	(61,241)
Bad Debts Provision	1,632,509	1,622,212	10,297
Total Administrative and General Expense	8,010,342	8,807,687	(797,345)
Depreciation Expense	15,831,585	14,460,187	1,371,398
Contractual Expense			
Audit & Computer Maint.	510,109	529,335	(19,226)
Building rental	316,897	329,427	(12,530)
Equipment rental	873,980	802,861	71,118
Legal	10,754	-	10,754
Laboratory	197,412	309,972	(112,560)
Other	1,871,210	1,805,894	65,316
Total Contractual Expense	3,780,362	3,777,489	2,873
Retiree Supp. Annuities and health care costs	2,137,223	5,963,225	(3,826,003)
Contribution to Government of Guam	450,000	448,500	1,500
Total Retiree Benefits	2,587,223	6,411,725	(3,824,503)
Total Operating Expenses	63,404,409	64,886,564	(1,482,155)
Earnings (Loss) from Operations	19,651,822	17,416,929	2,234,893
Interest Income-2010/13/14/16/17 Series Bond	3,091,290	2,298,368	792,922
Interest Income-Other Funds	628,576	410,804	217,772
Interest Income-SDC	130,946	124,666	6,280
Interest Expense- 2010/13/14/16/17 Series Bond	(19,240,061)	(19,597,210)	357,149
Interest Expense- ST BOG	(159,415)	(276,320)	116,905
Federal Expenditures	-	(559,983)	559,983
Loss on Asset Disposal	-	(1,459,222)	1,459,222
AFUDC	10,415,750	9,375,897	1,039,853
Amortization of Discount, Premium and Issuance Costs	1,077,380	(384,221)	1,461,601
Defeasance due to bond refunding	(625,805)	(558,391)	(67,414)
Deferred outflows from pension	-	293,328	(293,328)
Prior Year Adjustment	(279,392)	118,971	(398,364)
Total non-operating revenues (expenses)	(4,960,733)	(10,213,314)	5,252,581
Net Income (Loss) before capital contributions	14,691,089	7,203,615	7,487,474
Capital Contributions			
Grants from US Government	11,605,172	11,202,406	402,766
Grants from GovGuam & Others	78,779	204,125	(125,346)
Total Capital Contributions	11,683,951	11,406,531	277,420
Change in Net Assets	26,375,040	18,610,145	7,764,894
Debt Service Calculation			
Earnings From Operations	19,651,822	17,416,929	
System Development Charge	(655,509)	(803,239)	
Retiree COLA	450,000	448,500	
Interest/Investment Income	628,576	410,804	
Depreciation	15,831,585	14,460,187	
Balance Available for Debt Service per Section 6.12	35,906,474	31,933,181	
Working Capital Reserve Available for Debt Service	8,630,559	8,506,475	
Transfer to Working Capital- Debt Service Reserve	-	-	
Transfer to Working Capital- O&M Reserve	-	-	
Balance Available for Debt Service inclusive of reserves	44,537,033	40,439,656	
Debt Service			
Principal	4,286,250	3,900,000	
Interest	19,240,061	16,154,190	
Total	23,526,311	20,054,190	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	1.53	1.59	
Debt Service Coverage (1.75X) inclusive of reserves (PUC)	1.89	2.02	

GUAM WATERWORKS AUTHORITY
Restricted and Unrestricted Cash Summary
FY2019

SCHEDULE F

Description	Unaudited June 30, 2019	Audited September 30, 2018	Increase (Decrease)
UNRESTRICTED			
Change Fund	2,000	2,000	-
Petty Cash	5,000	5,000	-
BOG Deposit Accounts	5,371,740	3,087,379	2,284,360
Sub-total Unrestricted	5,378,739	3,094,379	2,284,360
RESTRICTED			
ANZ Bank	134	(0)	134.24
Bank Pacific	14,002	11,864	2,137
Bank of Hawaii	221,454	189,144	32,309
Community First FCU	1,517	4,392	(2,875)
First Hawaiian Bank	14,811	22,105	(7,294)
Bank Pacific Surcharge	683,769	298,898	384,871
Bank Pacific Escrow Deposit	836,130	660,254	175,877
BOG Customer Refunds	1,873,595	1,860,120	13,475
BOG Emergency Reserve Fund	6,235	6,229	6
BOG Sewer Hookup Revolving Fund	66,608	65,499	1,109
BOG Subordinate Security Fund	859,233	859,233	-
BOG Operation and Maintenance Fund	3,083,482	3,083,482	-
BOG OMRRRF Fund	17,423,213	17,423,213	-
BOG Revenue Trust	296,995	360,569	(63,574)
BOG Revenue Trust Fund	8,092,125	6,535,779	1,556,346
BOG Capital Improvement Revenue Fund	6,332,642	1,582,278	4,750,364
BOG O & M Reserve	13,865,457	13,666,109	199,348
BOG Debt Service Reserve	11,507,412	11,341,967	165,445
BOG CapEx Fund	11,543,583	16,073,011	(4,529,428)
	76,722,395	74,044,146	2,678,248
BOG - SDC Deposit	2,925,539	2,934,848	(9,309)
BOG - SDC CDs	7,250,000	7,250,000	-
Total SDC	10,175,539	10,184,848	(9,309)
Total Restricted	86,897,934	84,228,994	2,668,940
Reserve Funds			
BOG Series 13 Construction Fund	19,866,135	36,222,062	(16,355,927)
BOG Series 14 Refunding Construction Fund	322,067	741,895	(419,828)
BOG Series 16 Construction Fund	98,200,001	116,036,000	(17,835,999)
BOG Series 17 Refunding Construction Fund	6,774,683	6,753,709	20,974
Total Restricted - Held by Trustee	125,162,887	159,753,667	(34,590,780)
USB Series 2013 Debt Service Fund	4,730,484	2,360,451	2,370,033
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	-
USB Series 2014 Refunding Debt Service Fund	5,488,068	1,833,235	3,654,833
USB Series 2014 Refunding Debt Service Reserve Fund	7,912,929	7,972,243	(59,314)
USB Series 2016 Debt Service Fund	3,625,335	1,805,556	1,819,779
USB Series 2016 Debt Service Reserve Fund	7,592,000	7,594,603	(2,603)
USB Series 2010 Debt Service Fund	1,914,774	503,751	1,411,023
USB Series 2017 Refunding Debt Service Reserve Fund	7,566,460	7,566,460	-
USB Series 2017 Debt Service Fund	3,020,558	1,429,927	1,590,631
Total Investments	53,882,296	43,097,913	10,784,383
Total Restricted and Unrestricted Cash	271,321,856	290,174,953	(18,853,097)

Guam Waterworks Authority
Accounts Receivable - Government
June 30, 2019

SCHEDULE G

A G I N G

Customer Name	No of Accounts	Current	31-60 days	61-90 days	91-120 days	Over 120 days	Total
Guam Int'l Airport Authority	8	\$ 56,748	\$ 48,710	\$ 26,077	\$ 24,844	\$ 261,879	\$ 418,258
Guam Power Authority	24	159,027	0	-	-	-	159,027
Guam Memorial Hospital Authority	3	40,124	2,055	-	-	-	42,178
Guam Community College	3	3,524	2,411	-	-	-	5,935
Guam Housing & Urban Renewal Authority	9	366	-	-	-	-	366
Port Authority of Guam	5	302	-	-	-	-	302
Total Autonomous Agencies	52	\$ 260,090	\$ 53,176	\$ 26,077	\$ 24,844	\$ 261,879	\$ 626,066
Department of Education	53	\$ 235,831	\$ 212,632	\$ 334,081	\$ 71,356	\$ 43,127	\$ 897,027
Department of Public Health & Social Services	8	1,670	968	797	384	103,661	107,481
Mayors Council of Guam	60	14,453	3,173	22,170	40,221	32	80,049
Department of Parks & Recreation	17	29,876	1,302	733	-	-	31,911
Department of Public Works	11	15,113	3,206	-	-	-	18,319
Guam Fire Department	11	11,289	3,535	-	-	-	14,824
Office of the Governor	2	9,634	2,076	-	-	-	11,710
Department of Chamorro Affairs	7	7,421	-	-	-	-	7,421
Sanctuary Inc	1	5,409	-	-	-	-	5,409
Department of Agriculture	6	2,088	-	-	-	-	2,088
Department of Military Affairs/GUARNG	1	1,946	-	-	-	-	1,946
Guam Police Department	7	999	-	-	-	-	999
Division of Senior Citizens, DPH&SS	2	475	195	155	-	-	826
Department of Mental Health	2	298	306	-	-	-	604
Guam Public Library	6	587	-	-	-	-	587
Office of Civil Defense	2	519	-	-	-	-	519
Guam Veterans Affairs Office	2	370	-	-	-	-	370
Department of Administration	2	309	-	-	-	-	309
Guam Environmental Protection Agency	2	276	-	-	-	-	276
Guam Energy Office	1	240	-	-	-	-	240
The Office of the Dededo Mayor	1	165	-	-	-	-	165
Merizo Mayor	1	60	68	-	-	-	128
Department of Corrections	8	107	-	-	-	-	107
Vietnam Veterans of America	1	28	-	-	-	-	28
Total Line Agencies	214	\$ 339,162	\$ 227,461	\$ 357,936	\$ 111,961	\$ 146,821	\$ 1,183,341
Total as of June 30, 2019	266	\$ 599,252	\$ 280,637	\$ 384,012	\$ 136,805	\$ 408,700	\$ 1,809,407
Total as of September 30, 2018	326	\$ 793,948	\$ 424,797	\$ 324,413	\$ 190,444	\$ 975,977	\$ 2,709,580
% Change	-18%	-25%	-34%	18%	-28%	-58%	-33%

Guam Waterworks Authority
System Development Charges Project Status
As of June 30, 2019

SCHEDULE H

PROJECT NAME	Available Project Funds	Total Expenditures	Total Outstanding Encumbrances	Total Expenditures and Encumbrances	Total Unobligated Funds
<u>SDC - Water</u>					
Central Guam Reservoirs		-	280,040	280,040	
Line Replacement Phase IV		-	256,937	256,937	
South Paulino Heights Waterline Upgrade		56,568	4,135	60,703	
	\$ 5,948,220	\$ 56,568	\$ 541,112	\$ 597,680	\$ 5,350,540
<u>SDC - Wastewater</u>					
Agat-Santa Rita Wastewater Treatment Plant Replacement		486,196	1,133,847	1,620,043	
Baza Gardens Wastewater Cross Island Pumping & Conveyance		668,575	472,701	1,141,276	
Route 4 Relief Sewerline Rehab & Replacement		-	399,869	399,869	
Northern WWTP (Land Purchase)		1,000,000	-	1,000,000	
Talofofo Sewer Improvement		-	241,142	241,142	
	\$ 6,088,186	\$ 2,154,770	\$ 2,247,559	\$ 4,402,329	\$ 1,685,857
Grand Totals	\$ 12,036,406	\$ 2,211,338	\$ 2,788,671	\$ 5,000,009	\$ 7,036,397

Future planned projects	2019
Water Wells	\$ 1,850,000
Water Dist Sys Pipe Replacement & Upgrades	1,850,000
WWTP Priority 1 Upgrades	1,000,000
Umatac Merizo STP Replacement	1,000,000
Wastewater Sewer System Expansion	1,000,000
	\$ 6,700,000



Gloria B. Nelson Public Service Building | 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Issues for Decision

Resolution No. 38- FY2019

Relative to Approval of Fire Hydrant (Dry Barrel) Replacement Project Phase I, GWA Project No. W19-002-BND

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

The Objective of the project is for GWA to replace old, leaking or non-functioning fire hydrants (dry barrel type). GWA has approximately 3,800 fire hydrants throughout the island which were visually inspected and categorized by their condition ranging from "Excellent" to "Extremely Poor". GWA Water Distribution Operations has been able to replace approximately 300 wet barrel fire hydrants from the condition assessment list in several villages due to the simplicity of just changing out the hydrant body. Replacement of dry barrel fire hydrants, however, is more complicated as the work involves additional construction activities such as trenching, pipe and valve replacement, and pavement/concrete demolition and restoration. GWA crews are able to do these types of work activities however commitment of O&M operations crew would take time away from normal operations duties thus the procurement of a contractor to do the work was determined to be more effective for advancing the hydrant replacement program.

Where is the location?

Hydrant Replacements will occur in the villages of Barrigada, Mangilao, Mongmong-Toto-Maite, Yona, Tamuning, Dededo and Chalan Pago.

How much will it cost?

The lowest bid proposal submitted that was deemed responsive and responsible was by Mega United Corporation of One Million Two Hundred Forty-Two Thousand Six Hundred Seventy Dollars (\$1,242,670.00). GWA management also seeks a ten percent (10%) contingency or One Hundred Twenty-Four Thousand Two Hundred Sixty-Seven Dollars (\$124,267.00) to bring the total authorized funding request to One Million Three Hundred Sixty-Six Thousand Nine Hundred Thirty-Seven Dollars (\$1,366,937.00).

When will it be completed?

The contractor is given 365 days to completed all work from the time the "Notice to Proceed" is issued.

What is the funding source?

Funding for this project will be from Bonds funds and revenue funds.

The RFP/BID responses (if applicable):

8 IFB packages picked up, 3 bid proposals submitted.



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. 38-FY2019

**RELATIVE TO APPROVAL OF FIRE HYDRANT (DRY BARREL) REPLACEMENT
PROJECT PHASE I, GWA PROJECT NO. W19-002-BND**

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 has approximately 3,800 fire hydrants throughout the island which were inspected and categorized in 2013-2014 by CDM Smiths as part of a system evaluation Task Order with USEPA and where the condition of the hydrants ranged from “Excellent” to “Extremely Poor”; and

WHEREAS, GWA Water Distribution Operations has been able to replace approximately 300 wet barrel fire hydrants from the condition assessment list in several villages where the simple changing out the hydrant body makes replacement relatively easy; and

WHEREAS, GWA Water Distribution Operations has managed to change out a much smaller number of dry barrel fire hydrants when critically required, however, replacement of dry barrel fire hydrants is much more complex, and in many cases involves more construction activities such as trenching, pipe and valve replacement, pavement/concrete demolition and restoration; and

WHEREAS, GWA finds this type of more complex hydrant replacement work to be more efficiently and effectively conducted by contractors as opposed to GWA operations; and

WHEREAS, on March 20, 2019, GWA advertised the Invitation to Bid IFB-03-ENG-2019 for the Fire Hydrant Replacement Phase I soliciting bid proposals from experienced and responsive bidders to replace fire hydrants, particularly 78 dry barrel type fire hydrants; and

WHEREAS, this project consists of furnishing all labor, tools, equipment and materials, necessary to install new wet barrel fire hydrants to replace dry barrel fire hydrants in the villages of Barrigada, Mangilao, Mongmong-Toto-Maite, Yona, Tamuning, Dededo and Chalan Pago, including coordination with GWA Water Distribution Operations, GWA Engineering, the Department of Public Works and the Guam Fire Department, if necessary; and

WHEREAS, IFB packages were obtained by multiple interested parties, from which GWA received bid proposals from three (3) parties (SEE EXHIBIT A – Abstract of Bids) before the bid proposal deadline; and

WHEREAS, GWA Engineering analyzed the bid proposals received and determined that the bid package submitted by Mega United Corporation was the lowest responsive and responsible bid and met all the bid requirements set forth by GWA; and

WHEREAS, GWA Management seeks CCU approval of Mega United Corporation's bid proposal (SEE EXHIBIT B - Bid Proposal) of One Million Two Hundred Forty-Two Thousand Six Hundred Seventy Dollars (\$1,242,670.00), plus the ten percent (10%) contingency of One Hundred Twenty-Four Thousand Two Hundred Sixty-Seven Dollars (\$124,267.00), to bring the total authorized funding amount to One Million Three Hundred Sixty-Six Thousand Nine Hundred Thirty-Seven Dollars (\$1,366,937.00); and

WHEREAS, GWA Management further seeks CCU approval to petition the Public Utilities Commission approval of the contract given this project meets the Contract Review Protocol requirements for GWA projects for which the use of Bond funds is intended; and

WHEREAS, funding for this project will utilize Bonds funds and revenue funds.

//

NOW BE IT THEREFORE RESOLVED, 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 terms and conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
3. The CCU hereby authorizes the management of GWA to accept the bid proposals from Mega United Corporation (Exhibit B).
4. The CCU hereby further authorizes the management of GWA to enter into a contract with Mega United Corporation in the amount of One Million Two Hundred Forty-Two Thousand Six Hundred Seventy Dollars (\$1,242,670.00).
5. The CCU hereby further approves the funding of One Million Two Hundred Forty-Two Thousand Six Hundred Seventy Dollars (\$1,242,670.00), plus the 10% contingency of One Hundred Twenty-Four Thousand Two Hundred Sixty-Seven Dollars (\$124,267.00), to bring the total authorized funding amount to One Million Three Hundred Sixty-Six Thousand Nine Hundred Thirty-Seven Dollars (\$1,366,937.00).
6. The CCU hereby further approves the funding for this project will be from the Bonds funds and Internally Funded CIP funds.
7. The CCU hereby further approves GWA management petition the PUC's approval of the project and contract proposal.

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

DULY AND REGULARLY ADOPTED, this 23rd day of July, 2019.

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson

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: _____

ABSTENTIONS: _____

ABSENT: _____

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GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS
Exhibit A (1 of 1)
ORIGINAL

Project Name: **FIRE HYDRANT REPLACEMENT - PHASE I**
Project Number: **W19-002-BND** IFB NO.: **IFB-03-ENG-2019**

Bid Opening Date: **May 23, 2019**
Time: **3:00 PM**

Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS							TOTAL AMOUNT OF BID
		Qualification Statement	Non Collision Affidavit	ETD Certification	Non Segregated Facilities	San Officer Certification	Wage and Benefit Determination	Major Shareholder Affidavit	
1. CANTON CONSTRUCTION	<u>FIRST NET INS. CO.</u> <u>15% OF TOTAL BID AMT.</u>	✓	✓	✓	✓	✓	✓	✓	<u>\$1,548,330</u>
2. JMI EDISON			—	NO BID	—	—	—		
3. MEGA UNITED CORPORATION	<u>FIRST NET INS. CO.</u> <u>15% OF TOTAL BID AMT.</u>	✓	✓	✓	✓	✓	✓	✓	<u>\$1,242,670</u>
4. <u>GIANT CONST. CORP.</u> <u>PROPACIFIC BUILDER CORPORATION</u>	<u>PACIFIC INDEMNITY INS.</u> <u>15% OF ACCOMP. BID</u>	✓	✓	✓	✓	✓	✓	✓	<u>\$2,294,400</u>
5. FRONTIER SUPPLY CO.		—	—	NO BID	—	—	—		
6. <u>PROPACIFIC BUILDER CORP.</u> <u>GIANT CONSTRUCTION CORPORATION</u>		—	—	NO BID	—	—	—		
7. CRW TRADING		—	—	NO BID	—	—	—		
8. KORANDO CORPORATION		—	—	NO BID	—	—	—		
GWA ESTIMATE									<u>\$1,244,100</u>

Bids Opened and Read by:

GLORIA B. BENJAN
(Name and Signature)

Tabulated By:

SYLVIA X MERCADO
(Name and Signature)

GWA Procurement Representative:

ROLAND F. LIMONGSUD
(Name and Signature)

Witnesses: (Name and Signature)

ROSE TUGUH
CHUCK JACOB

BID FORM

Exhibit B (1 of 7)

BID RECIPIENT

This Bid is submitted to:

Guam Waterworks Authority
Engineering Division, Room 202
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913

The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

BIDDER'S ACKNOWLEDGMENTS

Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

BIDDER'S REPRESENTATIONS

In submitting this Bid, Bidder represents that:

Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
<u>ADDENDUM No. 1</u>	<u>APRIL 25, 2019</u>
<u>ADDENDUM No. 2</u>	<u>MAY 2, 2019</u>

Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

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Page 2

Exhibit B (2 of 7)

Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

BIDDER'S CERTIFICATIONS

Bidder certifies that:

This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

Bidder has not solicited or induced any individual or entity to refrain from bidding; and

Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

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Page 3

Exhibit B (3 of 7)

ADDENDUM NO. 01

Fire Hydrant Replacement - Phase I GWA Project No. W19-002-BND						
BID SCHEDULE						
Pay Item	Description	Qty	Unit	Unit Cost	Sub-Total	
1.0 General Requirements						
1.1 Mobilization		1	LS	\$ 12,955.50	\$ 12,955.50	
1.2 Bonding fee and insurance		1	LS	\$ 48,975.00	\$ 48,975.00	
1.3 Permit application fee		1	LS	\$ 17,325.00	\$ 17,325.00	
1.4 Traffic control		1	LS	\$ 10,500.00	\$ 10,500.00	
1.5 Right of Way Confirmation		1	LS	\$ 4,500.00	\$ 4,500.00	
1.7 Demobilization		1	LS	\$ 12,955.50	\$ 12,955.50	
2.0 Dry Barrel Replacement						
	Dry Barrel Fire Hydrant Removal: Excavate, expose, remove and dispose the entire existing dry barrel fire hydrant assemblies from the above grade fire hydrant barrel to the main pipe connection point (See index of hydrant location).	78	each	\$ 2,100.00	\$ 163,800.00	
	Wet Barrel Fire Hydrant Installation: a.) OFCI, Owner Furnished Contractor Installed; GWA will furnished the wet barrel fire hydrant body, flange end with 6 holes complete with nuts and bolts. b.) The contractor will furnish and install the additional materials from the breakaway flange, 6" DIP or PVC C-900 restrained joints vertical leg (flange end 6 holes with bolts and nuts), 6"x6" 90 degree elbow, hydrant spool pipe 6" DIP or PVC C-900 pipe with restrained joints, 6" gate valve, valve box, valve box frame and cover, tapping sleeve (MJ Connection), tapping valve valve (MJXMJ), hydrant connection for water main with MJ Tee, DIP Nipple, gatevalve (MJXMJ), tie rods and 8"x6" reducer as needed, complete in placed with base, sub-based preparation, basecourse, bedding sand, compaction and compaction test complete in place. To include all sand, compaction engineer, inspector and maintenance crew overtime.	78	each	\$ 8,408.00	\$ 655,824.00	

Exhibit B (4 of 7)

2.3	Concrete Pad: 3'X3'X6" Square Concrete Pad to be constructed around fire hydrant's center line when not located within sidewalk or concrete area, complete with #10; 6/6 WWF rebar and 1/2" premolded expansion joint with 1" top filler.	1	LS	\$ 23,400.00	\$ 23,400.00
2.4	Concrete Thrust Blocks : Approximate 2'X2'X3" to be poured against undisturbed earth to support 90 degree elbow, 6" gate valve and connection point, including 16"X16"X4" bottom concrete slab for 90 degree elbow, all work complete in placed.	1	LS	\$ 15,000.00	\$ 15,000.00
2.5	Top slab: 4" to 6" at finished grade below the breakline of the hydrant complete in place.	78	each	\$ 576.92	\$ 45,000.00
2.6	Bollards: Pipe bollards 4 pcs. each hydrant; 6" outside diameter steel pipe filled with solid concrete complete with Dome Top Reflective Bollard Covers (1/8" Wall thickness), 6-65/8" diameter with two silver reflective tape complete in placed with concrete foundation as per standards.	78	each	\$ 673.08	\$ 52,500.00
2.7	Blue Pavement Markers: Install blue pavement reflector as hydrant locator as per DPW Standard.	78	each	\$ 20.00	\$ 1,560.00
2.8	Fire Hydrant Name Tag	78	Each	\$ 15.00	\$ 1,170.00
3.0 Project Completion					
3.1	Concrete Repair: Sidewalk, curb and gutter concrete repair.	1	LS	\$ 10,000.00	\$ 10,000.00
3.2	Permanent Road Restoration, asphalt or concrete paving to match existing complete with base and sub-based preparation, backfill materials, base course, compaction and compaction test complete in placed as needed.	1	LS	\$ 57,300.00	\$ 57,300.00
3.3	Incidental Work: Flowable fill concrete and temporary steel plate cover as needed.	1	LS	\$ 8,000.00	\$ 8,000.00
3.4	Testing: Conduct fire flow test for each hydrant and disinfection.	1	LS	\$ 79,905.00	\$ 79,905.00
3.5	Asbestos: Removal, handling, hauling and disposal	1	each	\$ 22,000.00	\$ 22,000.00
TOTAL AMOUNT OF BID					\$ 1,242,670.00

Total Amount of Bid:

ONE million TWO HUNDRED FORTY TWO THOUSAND SIX HUNDRED SEVENTY DOLLAR

(in words)

Exhibit B (5 of 7)

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

TIME OF COMPLETION

Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.

Bidder accepts the provisions of the Agreement as to liquidated damages.

ATTACHMENTS TO THIS BID

The following documents are attached to and made a condition of this Bid:

Required Bid security in the form of 15% of the Total Bid Amount 1,292,670.00

List of Proposed Major Suppliers;

Required Bidder Qualification Statement with Supporting Data.

DEFINED TERMS

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

BID SUBMITTAL

This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____

(Individual's signature)

Doing business as: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

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Page 6

Exhibit B (6 of 7)

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Corporation

Corporation Name: MEGA UNITED CORPORATION

State of Incorporation: GUAM

Type (General Business, Professional Service, other): CORPORATION

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): ZUMIN ZHANG

Title: PRESIDENT

Attest _____
(Signature of Corporate Secretary)

Business address: IXORA INDUSTRIAL PARK

215 ROJAS ST. SUITE 208 HARMON GUAM 96913

Phone: 689 3293 Facsimile: 689 0387

E-mail address: wmh@netpcr.com

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

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Exhibit B (7 of 7)

A Joint Venture

First Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)



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. 39-FY2019

Relative to Approval of the Contract with Total Chemical Resources, Inc. and JMI Edison for the Purchase of Wastewater Chemicals for Wastewater Treatment Plants.

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

The objective is to provide wastewater treatment chemicals to the Northern District and Hagåtña WWTPs for chemically enhanced primary treatment as required by USEPA and specified in § II A Paragraphs 2 and 5 of the 2011 Court Order, and to the Agat-Santa Rita Wastewater Treatment Plants for secondary treatment to ensure the reduction of solids and the discharge of effluent complying with permits for those facilities.

Where is the location?

Northern District, Hagåtña and Agat-Santa Rita Wastewater Treatment Plants.

How much will it cost?

Two Million Six Hundred Twenty-Seven Thousand Five Hundred Thirty-Six Dollars and Fifty-Six Cents (\$2,627,536.56) for Inorganic Coagulant for three years based on an estimated annual consumption of 803,528 at \$1.09 per pound with Total Chemical Resources, Inc. and One Million Sixty-Four Thousand Fifty-Three Dollars and Fifty-Three Cents (\$1,064,053.53) for Anionic Polymer for three years based on the annual consumption of 111,763 at \$1.16 per pound and Cationic Polymer at an annual consumption of 138,061 at \$1.63 per pound with JMI Edison.

GWA management is also seeking a ten percent (10%) contingency in the amount of \$262,753.66 for the contract with Total Chemicals bringing the total authorized funding to Two Million Eight Hundred Ninety Thousand Two Hundred Ninety Dollars and Twenty-Two Cents (\$2,890,290.22) and an amount of \$106,405.35 for the contract with JMI Edison which would bring the total authorized funding to One Million One Hundred Seventy Thousand Four Hundred Fifty-Eight Dollars and Eighty-Eight Cents (\$1,170,458.88).

When will it be completed?

Three (3) years with two (2) one (1) year options to renew.

What is the funding source?

O & M

The RFP/BID responses (if applicable):

9 downloaded

2 submitted

Total Chemical Resources, Inc was awarded the bid for Inorganic Coagulant ("ACH")

JMI Edison was awarded the bid for Anionic Polymer and Cationic Polymer.



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

RESOLUTION NO. 39-FY2019

**RELATIVE TO APPROVAL OF THE CONTRACT WITH TOTAL CHEMICAL
RESOURCES, INC. AND JMI-EDISON FOR THE PURCHASE OF WASTEWATER
CHEMICALS FOR WASTEWATER TREATMENT PLANTS**

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 currently has a number of critical 2011 Court Order (“CO”) Projects, including system upgrades at the Northern District Wastewater Treatment Plant (NDWWTP) and the Hagåtña Wastewater Treatment Plant (HWWTP) to use Chemically Enhanced Primary Treatment as specified in § II A Paragraphs 2 and 5 of the CO; and

WHEREAS, GWA has completed the system upgrades of both WWTPs to use Chemical Enhanced Primary Treatment and is now operating the plants as specified in the CO; and

WHEREAS, the Chemically Enhanced Primary Treatment requires the purchase of chemicals for the application of the treatment process at the NDWWTP, and the HWWTP; and

WHEREAS, the secondary treatment process employed at GWA’s newest treatment plant, the Agat-Santa Rita Wastewater Treatment Plant (ASRWWTP), will also require the use of these chemicals; and

WHEREAS, GWA issued Bid Number 2019-17 to solicit bid proposals from experienced and responsive bidders to provide chemicals necessary to continue to operate the Northern District WWTP, the Hagåtña WWTP and the Agat-Santa Rita WWTP in compliance with the Court Order; and

WHEREAS, there were two responsive and responsible bidders who offered chemicals meeting the requirements in IFB 2019-17 (see Exhibit A); and

WHEREAS, the IFB 2019-17 offers were evaluated by GWA's review committee who determined that the best offer for Inorganic Coagulant ("ACH") (for sludge dewatering) was made by Total Chemical Resources, Inc. ("Total Chemicals"); and

WHEREAS, the committee also determined that the best offer for Anionic and Cationic Polymer was made by JMI-Edison ("JMI"); and

WHEREAS, GWA accepted Total Chemical's bid proposal (see Exhibit B) of \$1.09/lb. to supply Inorganic Coagulant for an estimated annual cost of Eight Hundred Seventy-Five Thousand Eight Hundred Forty-Five Dollars and Fifty-Two Cents (\$875,845.52), and for a three (3) year contract totaling Two Million Six Hundred Twenty-Seven Thousand Five Hundred Thirty-Six Dollars and Fifty-Six Cents (\$2,627,536.56);

WHEREAS, GWA also accepted JMI Edison's bid proposal (see Exhibit C) of \$1.16/lb. for Anionic Polymer at an estimated annual cost of One Hundred Twenty-Nine Thousand Six Hundred Forty-Five Dollars and Eight Cents (\$129,645.08), and for a three (3) year contract in the amount of Three Hundred Eighty-Eight Thousand Nine Hundred Thirty-Five Dollars and Twenty-Four Cents (\$388,935.24), and Cationic Polymer at 1.63/lb. for an estimated annual cost of Two Hundred Twenty-Five Thousand Thirty-Nine Dollars and Forty-Three Cents (\$225,039.43), for a three (3) year contract in the amount of Six Hundred Seventy-Five Thousand One Hundred Eighteen Dollars and Twenty-Nine Cents (\$675,118.29), which brings the grand total to One Million Sixty-Four Thousand Fifty-Three Dollars and Fifty-Three Cents (\$1,064,053.53); and

WHEREAS, GWA Management seeks CCU approval of Total Chemical's Contract in the amount of Two Million Six Hundred Twenty-Seven Thousand Five Hundred Thirty-Six Dollars and Fifty-Six Cents (\$2,627,536.56) for the purchase of Inorganic Coagulant ("ACH"), plus a ten percent (10%) contingency totaling Two Million Eight Hundred Ninety Thousand Two Hundred Ninety Dollars and Twenty-Two Cents (\$2,890,290.22) for three (3) years, with the option to renew an additional two (2) one (1) year term; and

WHEREAS, GWA Management further seeks CCU approval of JMI Edison's Contract in the amount of One Million Sixty-Four Thousand Fifty-Three Dollars and Fifty-Three Cents (\$1,064,053.53) for the purchase of Anionic Polymer and Cationic Polymer, plus a ten percent (10%) contingency with a total cost of One Million One Hundred Seventy Thousand Four Hundred Fifty-Eight Dollars and Eighty-Eight Cents (\$1,170,458.88) for a three (3) year contract, with the option to renew for an additional two (2) one (1) year term; and

WHEREAS, the source of funding for the purchase of wastewater chemicals will be from the GWA Operations and Maintenance Budget (revenue funds).

NOW BE IT THEREFORE RESOLVED, 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 hereby finds that the terms of the bid proposals submitted by Total Chemical Resources, Inc and JMI Edison are fair and reasonable.
3. The CCU hereby authorizes the management of GWA to proceed based on the notice of award to Total Chemical Resources, Inc. attached hereto as Exhibit D, and the notice of award to JMI Edison attached hereto as Exhibit E both of which are incorporated into this Resolution in its entirety.
4. The CCU hereby further authorizes the management of GWA to enter into a contract with Total Chemical Resources, Inc. to purchase chemicals in the amount of Two Million Eight Hundred Ninety Thousand Two Hundred Ninety Dollars and Twenty-Two Cents (\$2,890,290.22) for three (3) years, with the option to renew an additional two (2) one (1) year terms.

- 1 5. The CCU hereby further authorizes the management of GWA to enter into a
2 Contract with JMI Edison to purchase chemicals in the amount of One
3 Million One Hundred Seventy Thousand Four Hundred Fifty-Eight Dollars
4 and Eighty-Eight Cents (\$1,170,458.88) for three (3) years, with the option to
5 renew an additional two (2) one (1) year terms.
6 6. GWA Management is hereby authorized to seek PUC approval as required
7 by Docket No. 00-04.

8
9 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the
10 adoption of this Resolution.

11
12 **DULY AND REGULARLY ADOPTED**, this 23rd day of July, 2019.

13
14 Certified by:

Attested by:

15
16 _____
17 **JOSEPH T. DUENAS**
18 Chairperson

MICHAEL T. LIMTIACO
Secretary

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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: _____

ABSTENTIONS: _____

ABSENT: _____

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EXHIBIT A



"Better Water. Better Lives."
Gloria B. Nelson Public Services Building
688 Route 15, Mangilao, Guam 96913

MEMORANDUM

TO: General Manager
VIA: Supply Management Administrator
FROM: Evaluation Committee Members
SUBJECT: Invitation to Bid No. GWA 2019-17
Ref: Wastewater Treatment Chemicals (IDQ)
REF: Recommendation of Award
DATE: July 3, 2019

Invitation for Bid No: GWA 2019-17 was officially announced and advertised in the Pacific Daily News, Guam Daily Post and Guam Waterworks Authority Website on April 17, 2019, subject bid opened as scheduled on June 11, 2019 @ 2:00 pm. Nineteen (19) prospective bidder expressed interest, namely:

Bidders Register:

1. Guam Pacific Enterprise
2. JMI Edison
3. Frontier Supply Company
4. Total Chemical Resources
5. Gulbrandsen Technologies India PVT LTD
6. Jacobs Engineering Group
7. Indigo Piping System
8. EOSI
9. Thatcher Company Inc
10. Evoqua Water Technologies
11. Shay Enterprises
12. Dubois Chemicals Inc
13. Deltek Inc
14. MD Wholesale
15. Megha
16. BIB
17. Pryzm Consulting
18. Light Source
19. Carbon Activated Corporation

Ref: IFB 2019-17 Wastewater Treatment Chemicals

Of the Nineteen (19) only Two (2) submitted their bid package, namely:

- JMI Edison Guam
- Total Chemical Resources

An evaluation committee convene on June 21, 2019 @ 10:00, thereby determined JMI Edison Guam and Total Chemical Resources bid proposal deemed responsive and complied with all requirements set for in the IFB cost proposals as follows:

JMI Edison, submitted the lowest cost on Line Item Nos: 2 and 3

Total Chemical Resources, submitted the lowest cost Line Item No: 1

BID FORM FOR CHEMICALS FOR GWA'S NDWWTP, HWWTP & ASRWWTP

JMI Edison cost submittal

Item No. 2: Coagulant Aid (e.g. anionic polymer)

Price per pound delivered CIF: **\$1.16**

Product Label Name: Hydrex 6104 Anionic Emulsion Polymer

$\$1.16 \times 125,789 \text{ lbs.} = \$145,915.24 \text{ (Annual Cost)}$

$\$145,915.24 \times 3 \text{ years} = \$437,745.72$

Item No. 3: Cationic Polymer

Price per pound delivered CIF: **\$1.63**

Product Label Name: Hydrex 6402 Cationic Emulsion Polymers

$\$1.63 \times 138,061 \text{ lbs.} = \$225,039.43 \text{ (Annual Cost)}$

$\$225,039.43 \times 3 \text{ years} = \$675,118.29$

Total Chemical Resources cost submittal:

Item No. 1: Inorganic Coagulant

Product ACH Powder (ACHIEVE D1012)

Price per pound delivered CIF: **\$1.09**

Product Label Name: ACHIEVE D1012 ACH POWDER

$\$1.09 \times 803,528 \text{ lbs.} = \$875,845.52 \text{ (Annual Cost)}$

$\$875,845.52 \times 3 \text{ years} = \$2,627,536.56$

Grand Total: \$1,246,800.19 (Annually)

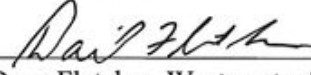
Three (3) Year Contract: \$3,740,400.57

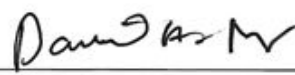
End of Evaluation:

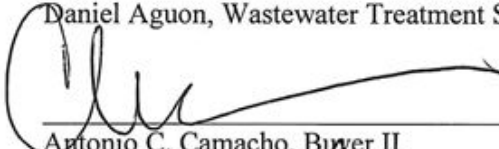
NOTE: Subject for CCU and PUC approval.

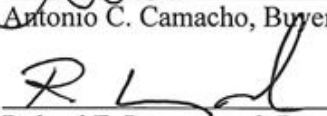
Concurred and accepted by the committee members:

 07/08/2019
Paul Kemp, Assistant General Manager

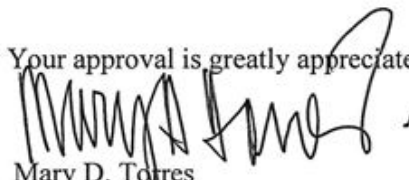
 7/8/19
Dave Fletcher, Wastewater Treatment Manager

 7/8/19
Daniel Aguon, Wastewater Treatment Supervisor


Antonio C. Camacho, Buyer II


Roland F. Lumongsud, Buyer II

Your approval is greatly appreciated.


Mary D. Torres

Reviewed by legal: 

In consideration of the foregoing, please indicate your approval of this recommendation by your signature below.

☒ CONCURRED ☐ UNCONCURRED



VINCENT ED. GUERRERO, SMA

☒ APPROVED ☐ DISAPPROVED

 7.9.19

MIGUEL C. BORDALLO, P.E. GENERAL MANAGER

EXHIBIT B

GWA IFB 2019-17
BID FORM FOR CHEMICALS FOR GWA'S NDWWTP AND HWWTP
(TO BE PLACED IN A SEALED ENVELOPE AND
DELIVERED WITH TECHNICAL PROPOSAL)

1. Inorganic Coagulant,

Product ACH Powder (ACHIEVE D1012) **Price per pound delivered CIF** \$ 1.09 per pound

Manufacturer: GULBRANDSEN Technologies (India) Pvt. Inc.

Estimated Annual Consumption:
 803,528 lbs x \$ 1.09 =
 \$ 875,845.52

Product Label Name: ACHIEVE D1012 ACH POWDER

Place of Origin: Gujarat, India

Time of first Delivery: 60 days (days)
 After Receipt of Purchase Order

Reorder lead time: 30 days (days)
 Upon Receipt of Purchase Order

2. Coagulant Aid (e. g. anionic polymer) **Price per pound delivered CIF** \$ 2.26 per pound

Manufacturer: NALCO An Ecolab Company

Estimated Annual Consumption:
 111,763 lbs x \$ 2.26 =
 \$ 252,584.38

Product Label Name: NALCLEAR 7767 Anionic Flocculant

Place of Origin: Naperville, Illinois U.S.A>

Time of first Delivery: 45 days (days)
 After Receipt of Purchase Order

Reorder lead time: 30 days (days)
 Upon Receipt of Purchase Order

3. Cationic Polymer **Price per pound delivered CIF** \$ 3.10 per pound

Manufacturer: NALCO An Ecolab Company

Estimated Annual Consumption:
 138,061 lbs x \$ 3.10 =
 \$ 427,989.10

Product Label Name: OPTIMER 7194 Cationic Flocculant

Place of Origin: Naperville, Illinois U.S.A.

Time of first Delivery: 45 days (days)
 After Receipt of Purchase Order

Reorder lead time: 30 days (days)
 Upon Receipt of Purchase Order



15

Jerry A. Flores
 Jerry A. Flores
 Chief Financial Officer
 Total Chemical Resources, Inc.

06/10/19
 Date

EXHIBIT C

assay.

6. Products must be compatible with GWA's installed chemical handling equipment.
7. Award may be made on a line by line basis. Each item in this bid will be evaluated individually and may be awarded accordingly.
8. Bidder shall provide documentation verifying compliance with the above specifications for each chemical.
9. Purchase Orders under this Procurement will not be issued for delivery of chemical prior to January 1, 2020.

**BID FORM FOR CHEMICALS FOR GWA'S NDWWTP, HWWTP & ASRWWTP
(TO BE PLACED IN A SEALED ENVELOPE AND
DELIVERED WITH TECHNICAL PROPOSAL)**

1. Inorganic Coagulant,

Product Aluminum Chlorohydrate **Price per pound delivered CIF** \$1.17 per lb.

Manufacturer: Summit Research Labs

Product Label Name: Sumalchlor 200

Place of Origin: USA

Time of first Delivery: As per GWA requirements (days)
After Receipt of Purchase Order

Reorder lead time: As per GWA requirements (days)
Upon Receipt of Purchase Order

2. Coagulant Aid (e. g. anionic polymer) Price per pound delivered CIF \$1.16 per lb.

Manufacturer: Veolia Water Solutions & Technologies

Product Label Name: Hydrex 6104 Anionic Emulsion Polymer

Place of Origin: Korea

Time of first Delivery: As per GWA requirements (days)
After Receipt of Purchase Order

Reorder lead time: As per GWA requirements (days)
Upon Receipt of Purchase Order

3. **Cationic Polymer** **Price per pound delivered CIF** \$1.63 per lb.

Manufacturer: Veolia Water Solutions & Technologies

Product Label Name: Hydrex 6402 Cationic Emulsion Polymer

Place of Origin: Korea

Time of first Delivery: As per GWA requirements (days)
After Receipt of Purchase Order

Reorder lead time: As per GWA requirements (days)
Upon Receipt of Purchase Order

II. GENERAL SPECIFICATIONS:

This is an "Indefinite Quantity Bid" created pursuant to the Guam Procurement Regulations. The quantities computed in the bid are estimated requirements only and not guaranteed minimums. The amounts computed in this bid are GWA's best estimate of its annual needs and such estimates do not relate to chemicals not yet tested or used by GWA. Quantities may increase or decrease thru the duration of the contract because of variable flow rates through the NDWWTP, HWWTP & ASRWWTP and continued purchase is subject to the availability of funds. No commitment is made to vendors in terms of purchasing quantity.

A. AUTHORITY.

This Invitation for Bids is issued subject to all of the provisions of the Guam Procurement Act and the Guam Procurement Regulations. The bid requires all parties involved in the preparation, negotiation, performance, or administration of contracts to act in good faith. Failure on the part of any bidder to act in good faith shall serve as a basis for voiding a bid or shall constitute a material breach of any contract entered into between GWA and any bidder which shall allow GWA to immediately terminate the contract.

B. EXPLANATION TO BIDDERS.

Except as otherwise provided herein, no oral explanation in regard to the meaning of any provision of this Bid will be made and no oral instructions will be given before the award of

EXHIBIT D



**Gloria B. Nelson Public Service Building
688 Route 15, Mangilao GU, 96913**

NOTICE OF CONDITIONAL AWARD

Date: JUL 12 2019

Total Chemical Resources
P.O. Box 20730
GMF, Barrigada, Guam 96921-0730
Phone- #671-646.4742
Fax- #671-649.0447

Re: Invitation for Bid Number: GWA IFB-2019-17
For: Wastewater Treatment Chemicals

Hafa Adai Mr. Glenn Canovas,

The Guam Waterworks Authority ("GWA") has considered the bid submitted by Total Chemical Resources, for the above described reference in response to its Advertisement for Bids dated April 17, 2019 you are hereby notified of your bid offer on Item Number 1 been accepted by GWA. Please be advised that you must now deliver all other documents required by the bid, including, but not limited to:

- Proof of Insurance: (if applicable/required part of the bid requirements.)
- Performance and Payment Bond: (if applicable/required part of the bid requirements.)

(Which must remain in full force and effect until all performance has ended, which includes all warranty periods).

You are also advised that any obligation incurred by your firm prior to execution of the contract is entirely at your own risk and GWA shall have no obligation to reimburse costs incurred prior to execution of the contract.

Please note this Notice of Award is conditional on obtaining the approval of the Guam Consolidated Commission on Utilities for any award over \$750,000 and the approval of the Guam Public Utilities Commission where the total value over the life of the contract could exceed \$1M. Also, award is conditional upon providing any documents such as proof of licensure, proof of insurance or other documents required to be submitted to GWA under the Bid or Guam law.

/

You are required to return an acknowledged copy of this Conditional Notice of Award to GWA Procurement Office.


Sincerely,



Miguel C. Bordaño, P.E.
General Manager

ACCEPTANCE OF CONDITIONAL NOTICE OF AWARD

Receipt of the above Notice of Conditional Award for GWA IFB No. GWA 2019-17 is hereby acknowledged

By: 
Signature

Title: SALES MANAGER
(Please Print)

Dated this 15th day of July, 2019.

***** END OF CONDITIONAL NOTICE OF AWARD *****



GUAM WATERWORKS AUTHORITY

Gloria B. Nelson Public Service Building
688 Route 15, Mangilao GU 96913
"Better Water. Better Lives."
Gloria B. Nelson Public Services Building
688 Route 15, Mangilao, Guam 96913

BID STATUS

Date: JUL 12 2019

Total Chemical Resources
P.O. Box 20730
GMF, Barrigada, Guam 96921-0730
Tel: 671-646-4742
Fax: 671-649-0447

Bid Invitation No. GWA IFB 2019-17

Description: Wastewater Treatment Chemicals

The following is the result of the above-mentioned bid. Refer to the items checked below.

☐

Cancelled (in its entirety), or partially cancelled due to:

- ☐ Insufficient funds
- ☐ Change of specifications
- ☐ Insufficient number of bidders

☐

Not Awarded base on the following:

- ☐ Late submission of bid
- ☐ No bid security or insufficient bid security amount submitted as required by Section 11 of the General Terms and Conditions
- ☐ Not meeting the delivery requirement as stated in the IFB
- ☐ Non-conformance with the specifications
- ☐ Inability to provide future maintenance and services to the equipment
- ☐ High price

☒

Bid is recommended for award to:

JMI Edison: for Line Items 2.0, 3.0

Remarks:

Thank you for your participation.

E. GLENN CANOVA

Miguel C. Bernalillo, PE
General Manager

RECEIVED

7-15-19

EXHIBIT E



**Gloria B. Nelson Public Service Building
688 Route 15, Mangilao GU, 96913**

NOTICE OF CONDITIONAL AWARD

Date: JUL 12 2019

JMI Edison
125 North Marine Drive
P.O. Box 6577
Tamuning, Guam 96931
Phone- #671-646.6400
Fax- #671-649.4835

Re: Invitation for Bid Number: GWA IFB-2019-17
For: Wastewater Treatment Chemicals

Hafa Adai Mr. Romeo Oriondo,

The Guam Waterworks Authority ("GWA") has considered the bid submitted by JMI Edison, for the above described reference in response to its Advertisement for Bids dated April 17, 2019 you are hereby notified of your bid offer on Item Number (s) 2 and 3 been accepted by GWA. Please be advised that you must now deliver all other documents required by the bid, including, but not limited to:

- Proof of Insurance: (if applicable/required part of the bid requirements.)
- Performance and Payment Bond: (if applicable/required part of the bid requirements.)

(Which must remain in full force and effect until all performance has ended, which includes all warranty periods).

You are also advised that any obligation incurred by your firm prior to execution of the contract is entirely at your own risk and GWA shall have no obligation to reimburse costs incurred prior to execution of the contract.

Please note this Notice of Award is conditional on obtaining the approval of the Guam Consolidated Commission on Utilities for any award over \$750,000 and the approval of the Guam Public Utilities Commission where the total value over the life of the contract could exceed \$1M. Also, award is conditional upon providing any documents such as proof of licensure, proof of insurance or other documents required to be submitted to GWA under the Bid or Guam law.

/

/

You are required to return an acknowledged copy of this Conditional Notice of Award to GWA Procurement Office.


Sincerely,



Miguel C. Bordallo, P.E.
General Manager

ACCEPTANCE OF CONDITIONAL NOTICE OF AWARD

Receipt of the above Notice of Conditional Award for GWA IFB No. GWA 2019-17 is hereby acknowledged

By:  Title: Operations Mgr.
Signature (Please Print)

Dated this 12 day of July, 2019.

***** END OF CONDITIONAL NOTICE OF AWARD *****

GENERAL MANAGER'S REPORT

JULY 2019



1. **Generation System:** The following summarizes the generation forecast for August 2019:

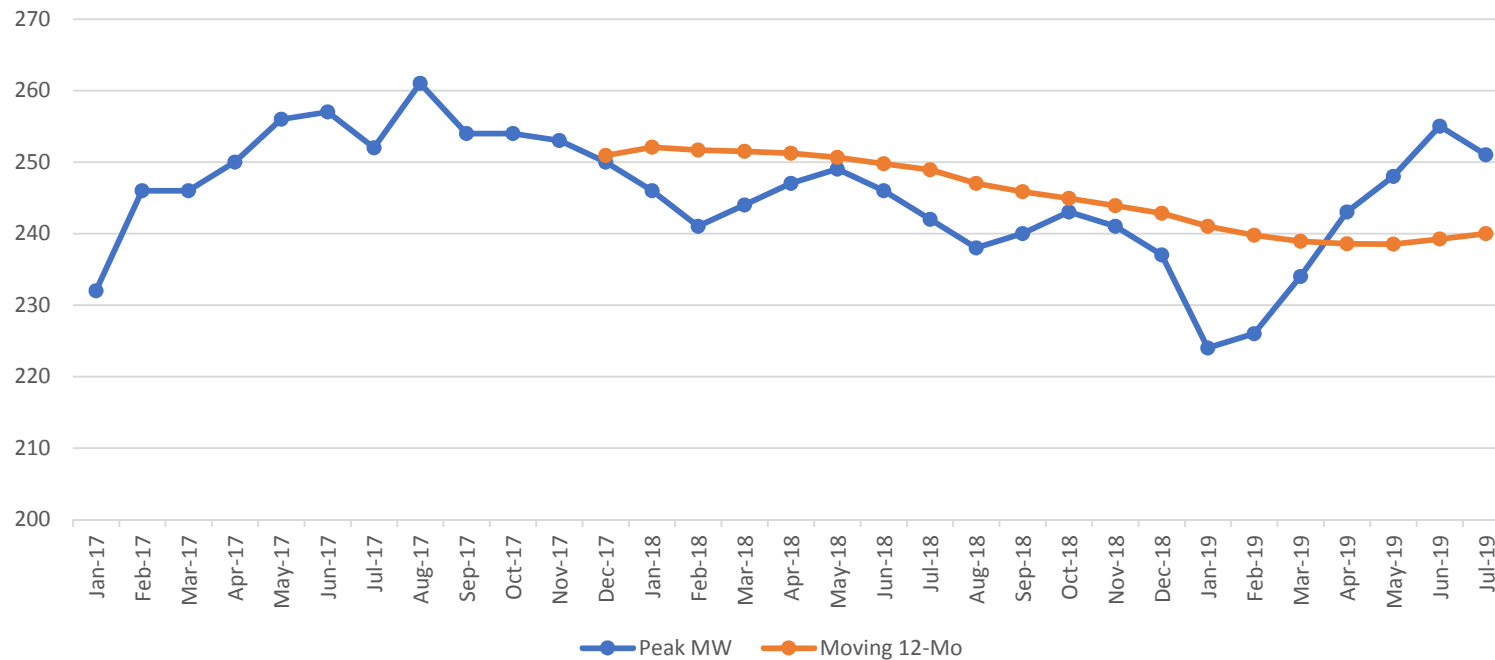
Projected Available Capacity: 380 MW

Projected Demand: 255 MW

Anticipated Reserve Margin: 125 MW

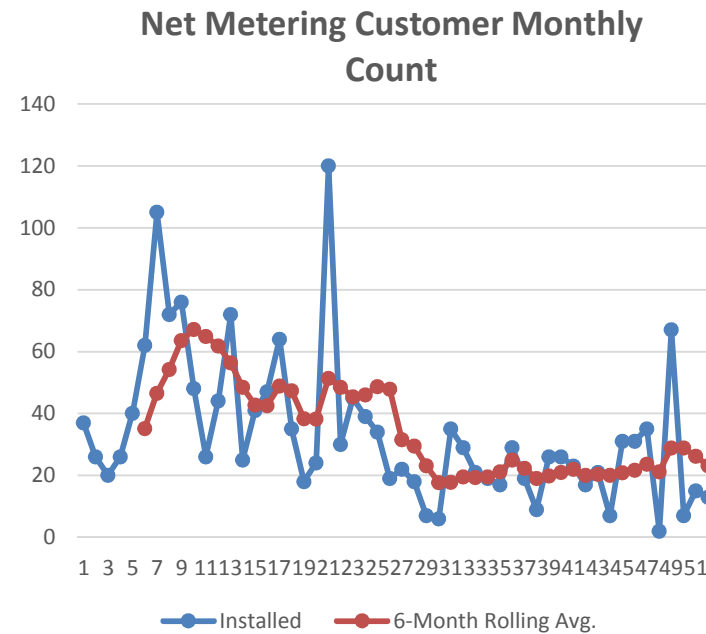
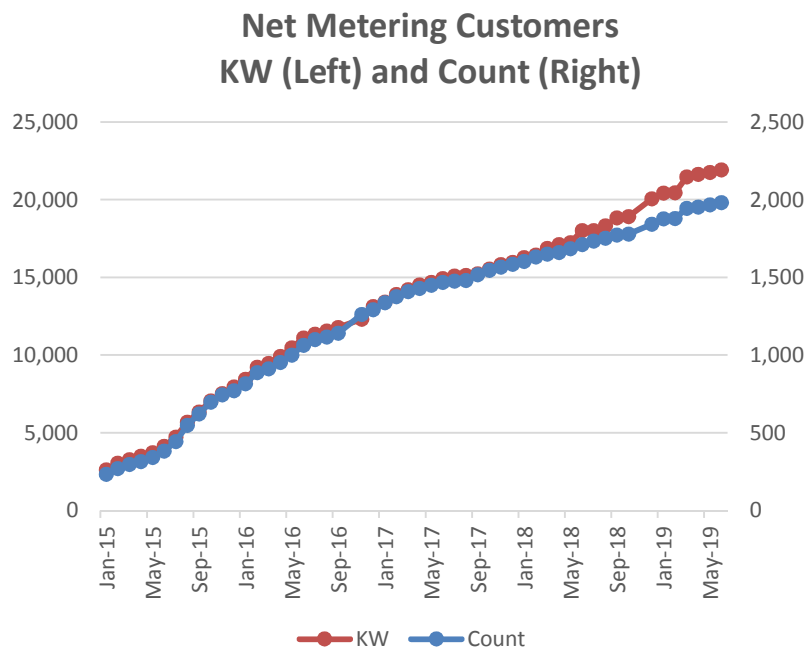
- The peak demand in 2019 continues to be higher than in 2018. The Peak for July (ending 7/10/19) was 251 MW compared to the peak demand of 242 MW in July 2018.

System Peak Demand



2. Net Metering (NEM) Credit Adjustment:

The PUC ordered at its May 30th meeting to not make any change to the current program. It also ordered for GPA and PUC to agree on an independent consultant to determine the cost and benefits of NEM including the benefits distributed generation may have in the distribution system. The PUC will entertain the report when completed and will address the matter further at that time or once the total NEM KW capacity reaches about 26MW. The following graphs show Net Metering ending June 2019:



3. Demand Side Management (DSM):

Program directly reduces energy cost to customer at a one-time fixed rebate.

GPA currently funded \$3.9M from base rate. The program is growing exponentially but GPA base rate will not be able to fund the growth.

DSM PROGRAM SUMMARY

Description	FY16	FY17	FY18	FY19 thru 6/30/19*	Total to Date
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$34,093.68	\$93,820.31
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	\$704,550.00	\$2,766,350.00
Paid Rebates– Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$4,200.00	\$20,200.00
Paid Rebates– Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$69,000.00	\$136,425.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$822,368.68	\$3,258,126.36



4. LED Streetlights:

The progress report for the installation of 3,750 LED (white color) streetlights replacing the vintage High Pressure Sodium (yellowish color) lights is shown below.

The 250W lights are installed on Marine Corps Dr; the 150W lights are installed along village streets beginning in the south. We are in the process of ordering another 7,000 LED lights for delivery in FY 2020 to change out the balance of the HPS lighting.

This program once completed could allow DPW to request for an additional 3,000 lights into the system at today's cost. I am scheduling a meeting with DPW and the Mayor's Council Director to discuss the program.

LED Streetlight Replacement Project

FY 2019	Goal	Actual	Inarajan/ Malojloj	Yona	Umatac	Merizo	Talofofo	Santa Rita	Agat	Marine Corps Dr. 250 Equiv.
June 7-8	220	228	26	5	34	16	47	60	40	0
June 14-15	220	253	46	6	21	14	52	59	55	0
June 21-22	220	273	50	30	0	0	50	62	65	16
June 28-29	220	256	50	33	0	0	49	56	50	18
July 5-6	220	269	50	25	0	0	52	60	82	0
TOTALS	3,750	1,279	222	99	55	30	250	297	292	34
	Goal	Actual	Inarajan/ Malojloj	Yona	Umatac	Merizo	Talofofo	Santa Rita	Agat	Marine Corps Dr. 250 Equiv.



5. New 180 MW Power Plant:

- Three bidders submitted price proposal on June 3, 2019. The lowest bidder has been determined to be KEPCO.
- An Intent to Award Notice was issued on June 10, subject to the successful completion of an Energy Conversion Agreement (ECA) between the parties, CCU and PUC approval.
- A protest was filed with GPA by the 2nd lowest bidder Hanwha. GPA determined the protest was without merit and denied the protest. Hanwha could file an appeal to the OPA within a 14 day period.
- GPA and KEPCO have met to work on the ECA.
- GPA's rate consultant has been working on completing the rate study for the project as required by the PUC.
- Currently the target date to bring the issue before the CCU for their deliberation is August.

6. Liberation Day Festivities:

GPWA is entering a float for the parade. Additionally, GPWA will have a food tent set up similarly to past years. The tent is located directly in front of Moylan by the Boat Shop. Please join us to celebrate our 75th Liberation Day with the island.



7. NAVFAC Briefing:

Executive Management conducted a briefing on Monday, July 15th for our largest customer, DOD, more specifically the commanding Officer of NAVFAC Guam, Capt. Turner. The meeting was positive and is part of our effort to keep DOD informed of GPA issues and progress.

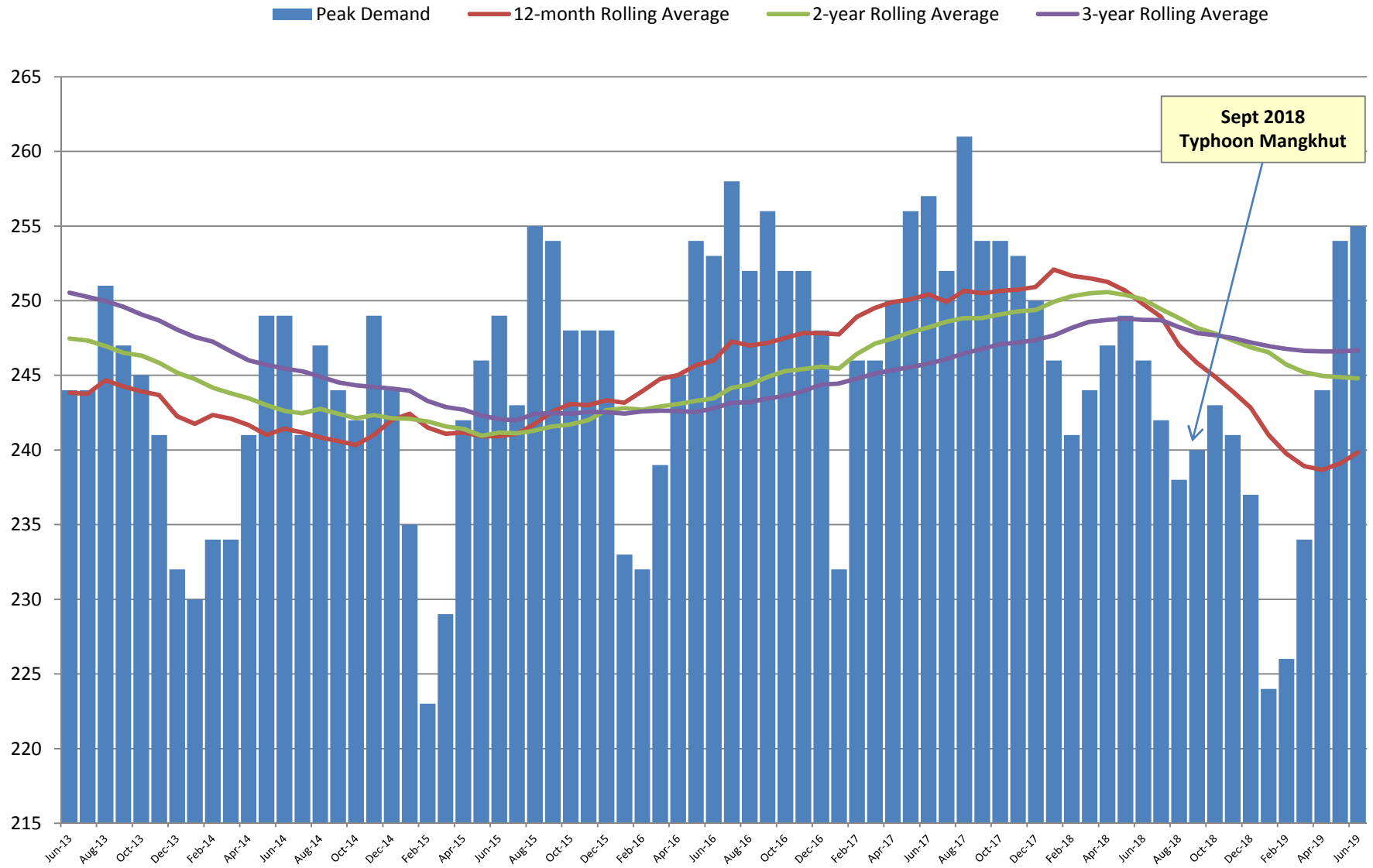
8. American Public Power Association:

The National Conference was held in Austin, Texas in June 2019. The Association consist of about 2,000 municipal utilities from among the nation. GPA ranks in the top 100 of the members in terms of revenue, sales and number of customers. APPA membership helps keep GPA abreast with issues and developments of utilities including providing member utilities with training and networking opportunities for all facets of municipal utility operations. Highlights from this year's conference includes:

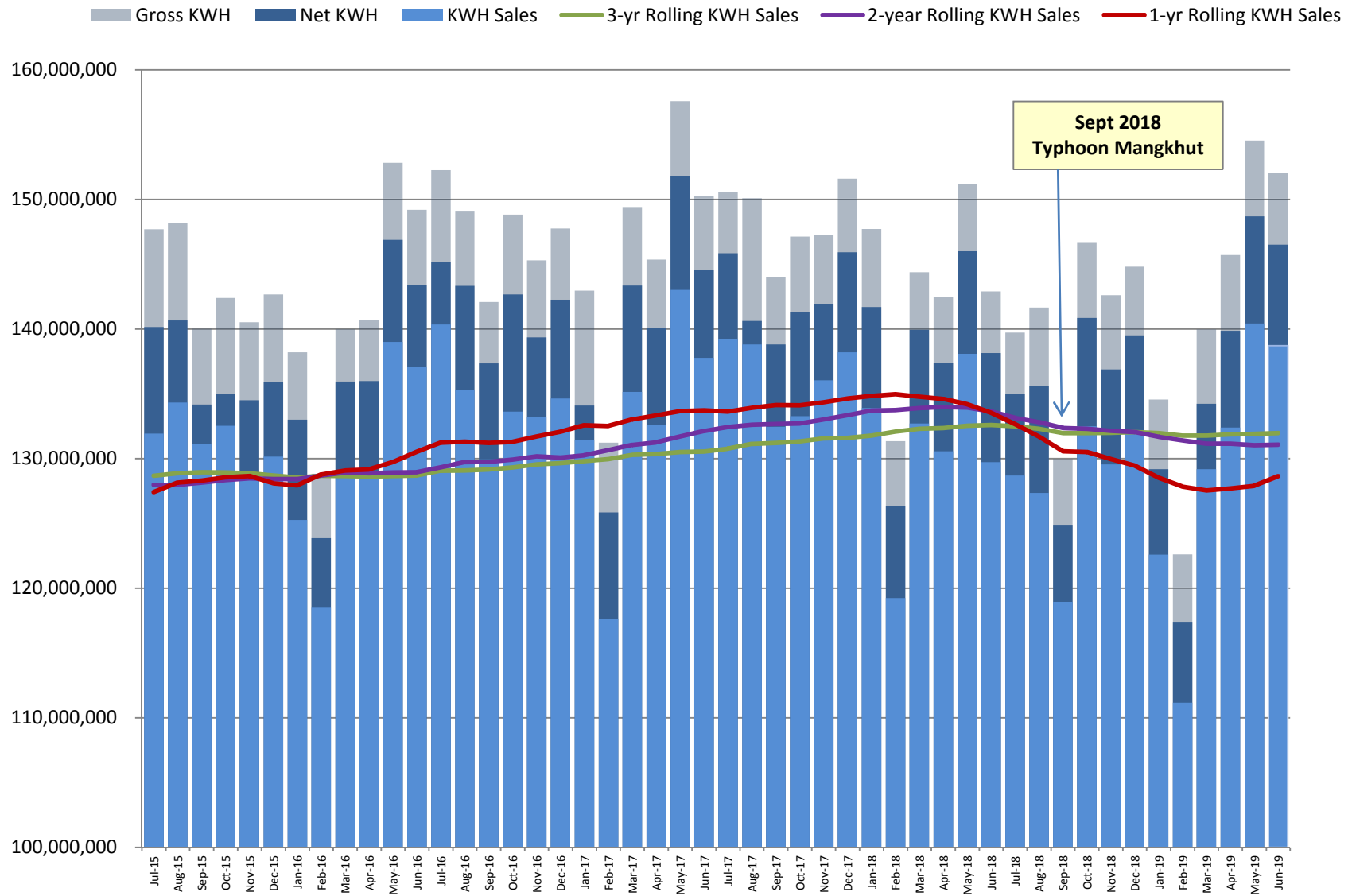
- My re-election for another 3-year term on the Board of Directors. I represent Region X which consist of member utilities of Puerto Rico, American Samoa, Virgin Islands, CNMI and Guam.
- Presented on the topic "Resiliency of Guam's Infrastructure" and the Mutual Aid to CNMI for recovery efforts from Typhoon Yutu.

8. Updated Metrics: The following are updates on key metrics

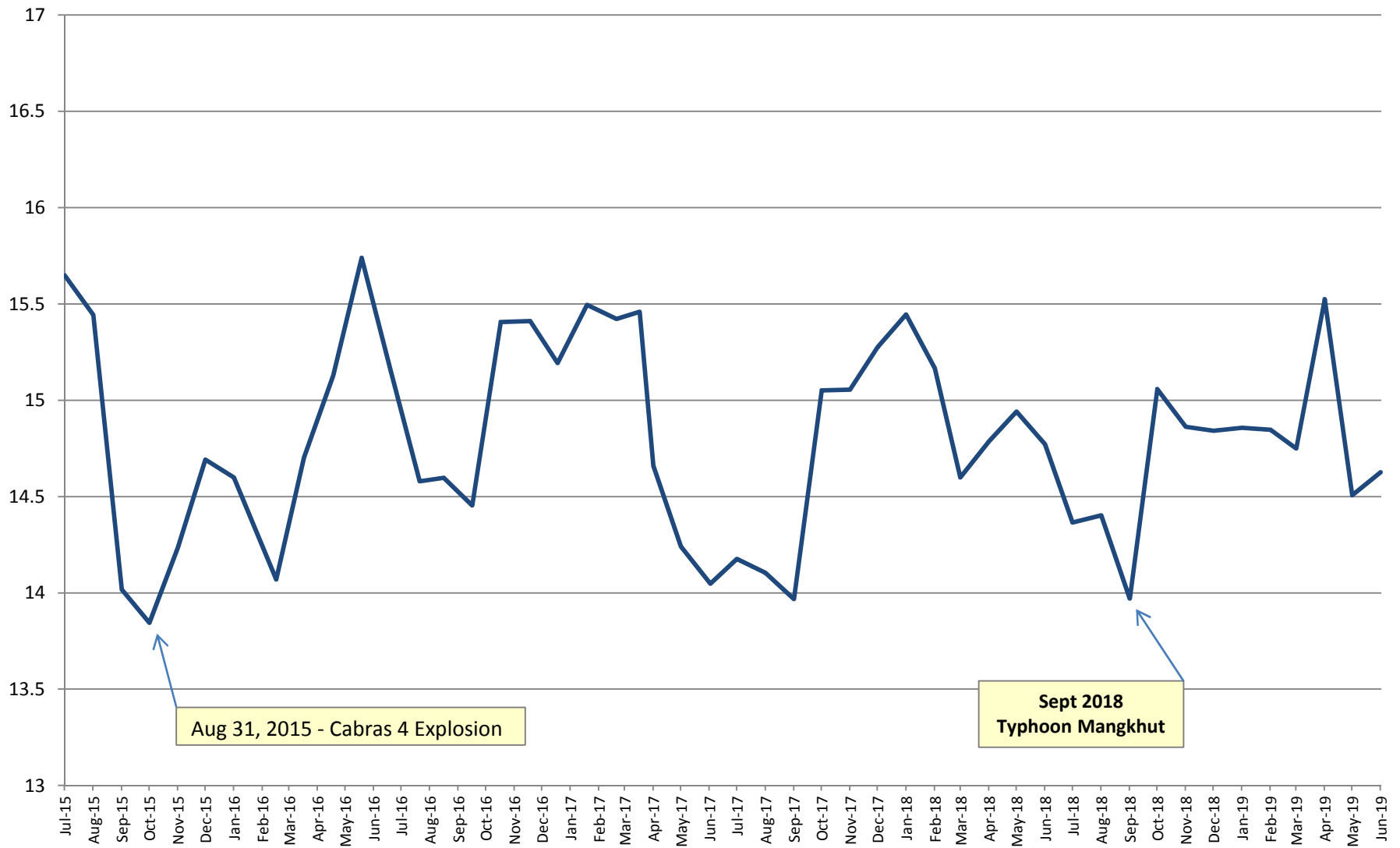
Historical Monthly Peak Demand June 2013 - June 2019



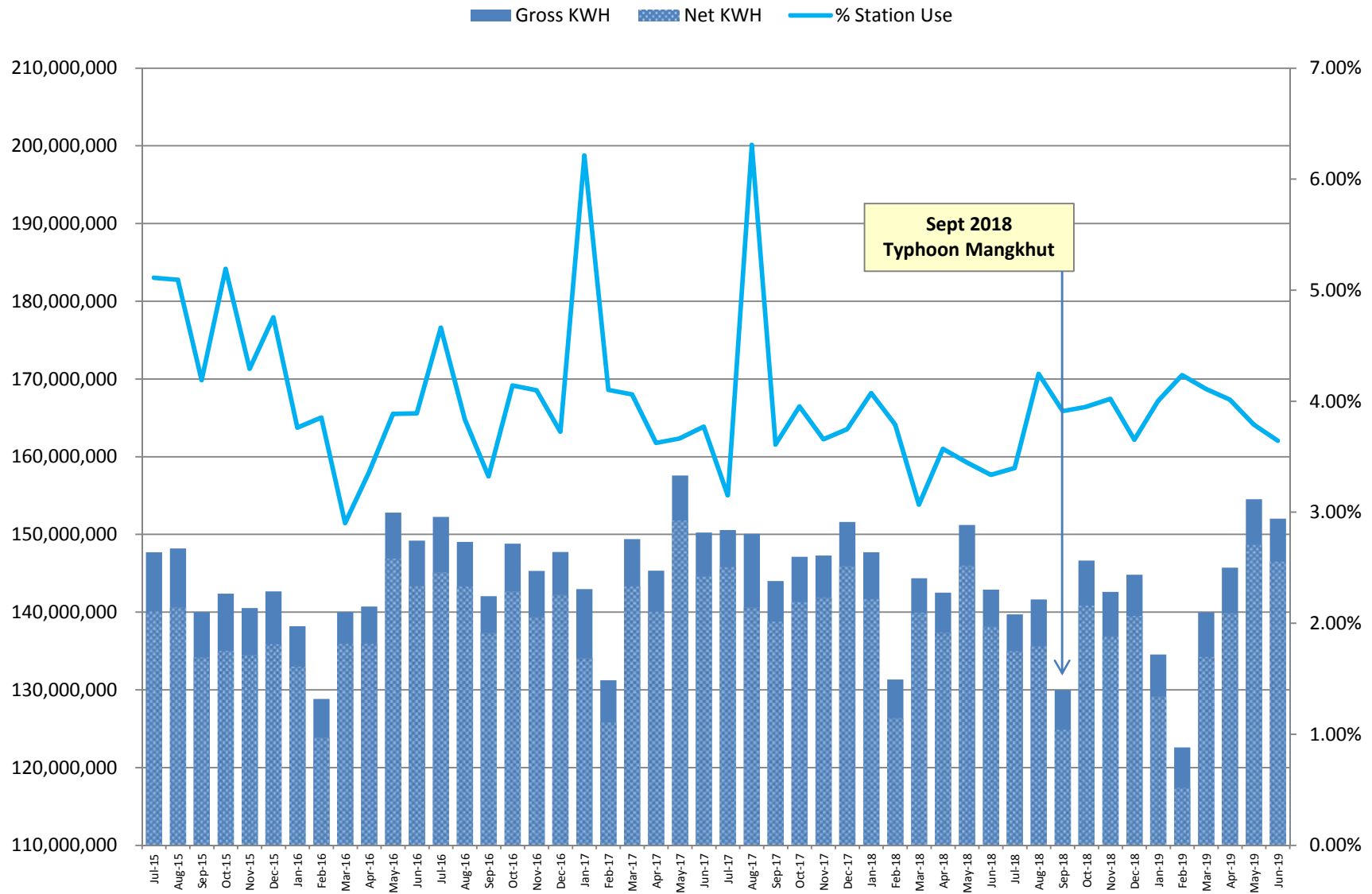
Historical KWH Sales July 2015 - June 2019



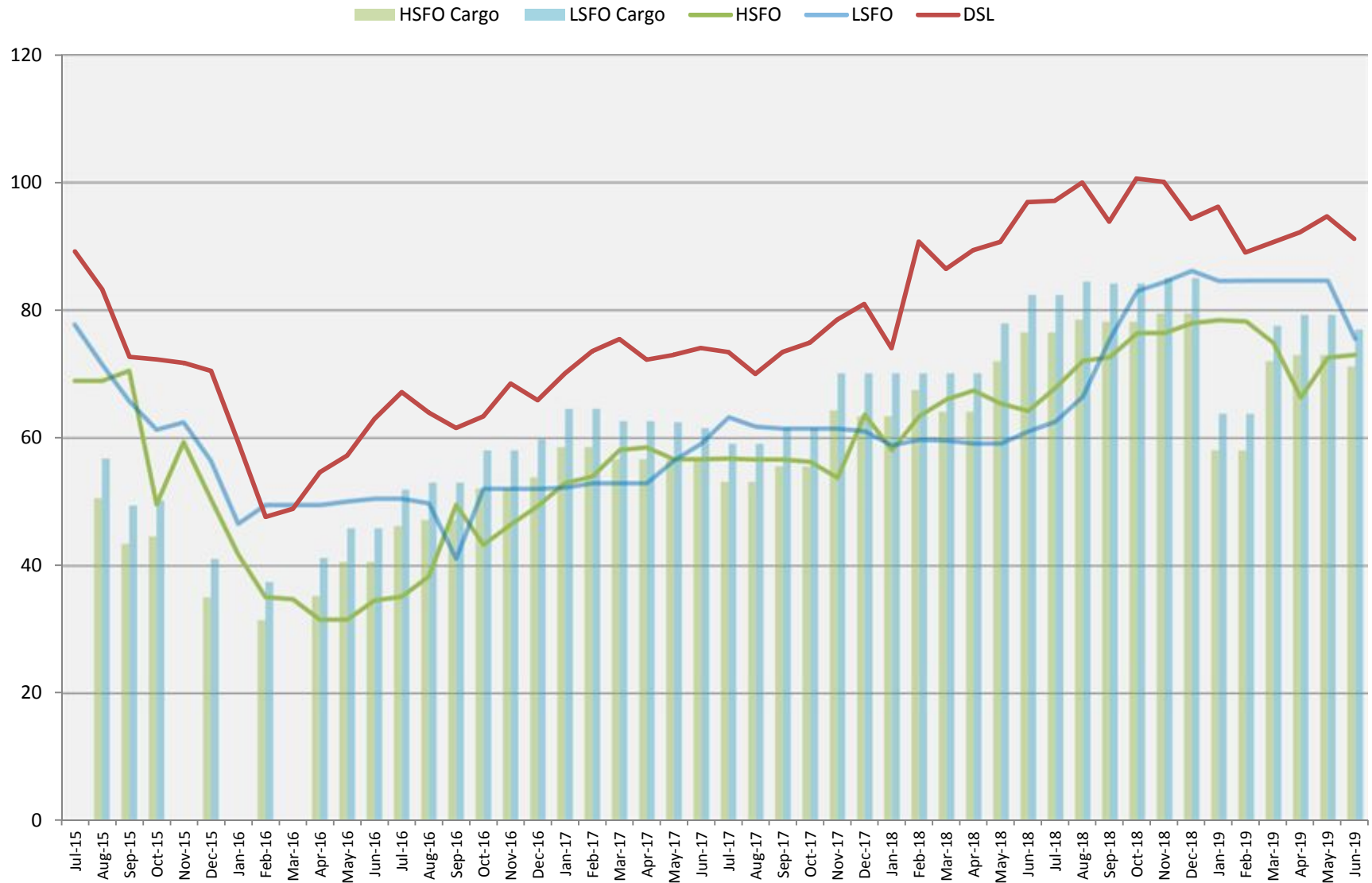
SYSTEM GROSS HEAT RATE (KWH/Gal) July 2015 - June 2019



Gross and Net Generation (KWH) July 2015 - June 2019



Fuel Cargo and Fuel Consumption Costs (\$/bbl) July 2015 - June 2019



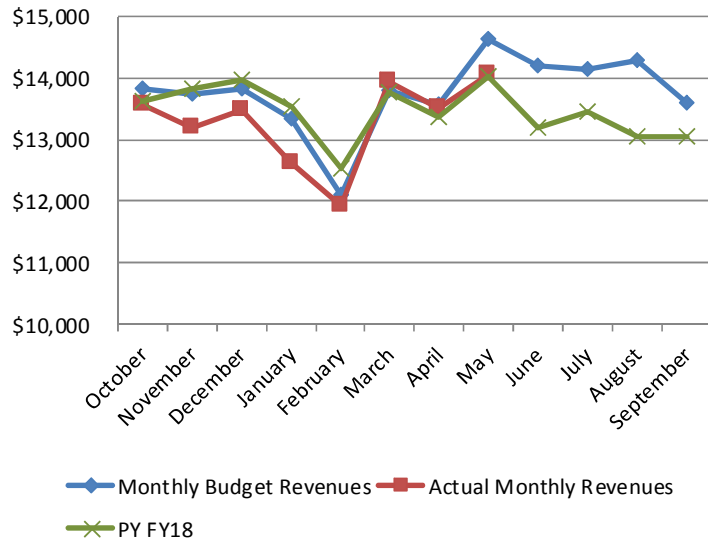
CFO FINANCIAL HIGHLIGHTS MAY 2019



May 2019 Monthly Financial Highlights

14

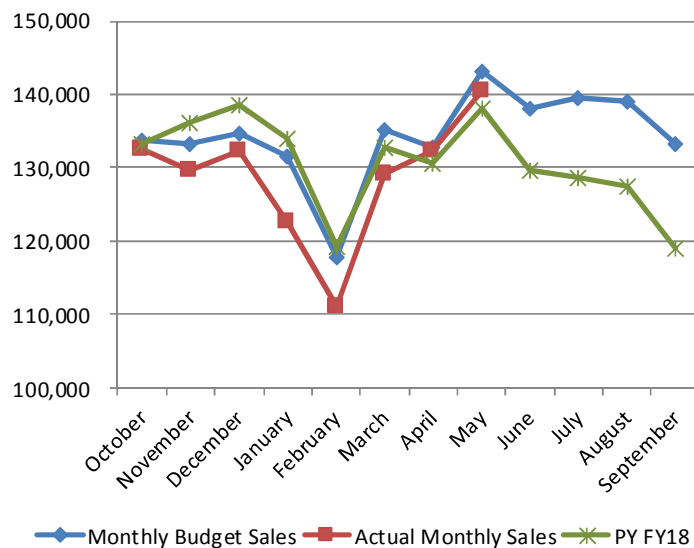
Base Rate Revenue \$000



Through May 31, 2019

	Monthly Budget Revenues \$000	Actual Monthly Revenues	Variance		PY FY18	CY vs PY Variance	
October	\$ 13,811	\$ 13,564	\$ (246)	↓	\$ 13,625	\$ (61)	↓
November	13,723	13,203	\$ (519)	↓	13,827	\$ (624)	↓
December	13,833	13,467	\$ (365)	↓	13,968	\$ (501)	↓
January	13,321	12,616	\$ (705)	↓	13,534	\$ (918)	↓
February	12,114	11,915	\$ (199)	↓	12,522	\$ (607)	↓
March	13,790	13,926	\$ 135	↑	13,776	\$ 150	↑
April	13,562	13,520	\$ (42)	↓	13,351	\$ 169	↑
May	14,630	14,057	\$ (573)	↓	14,011	\$ 46	↑
June	14,196				13,201		
July	14,152				13,446		
August	14,280				13,041		
September	13,590				13,041		
Total	\$ 165,002	\$ 106,269	\$ (2,515)		\$ 161,343	\$ (2,346)	

MWh Sales



Through May 31, 2019

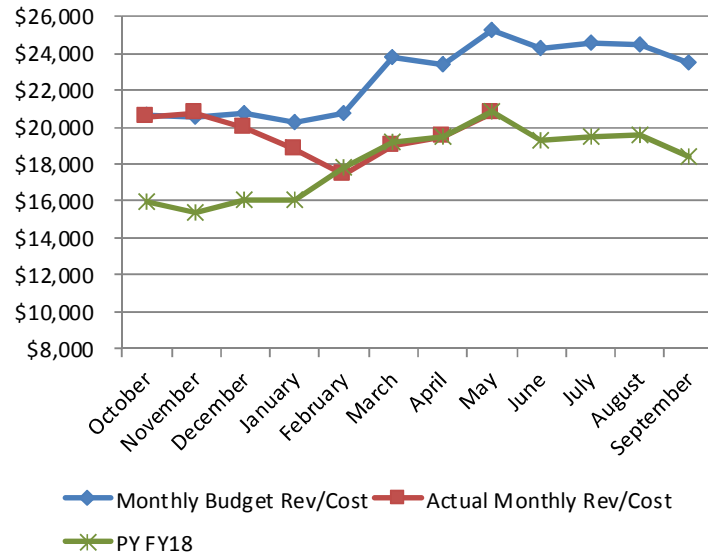
	Monthly Budget Sales gwh	Actual Monthly Sales	Variance		PY FY18	CY vs PY Variance	
October	133,797	132,489	(1,308)	↓	133,262	(773)	↓
November	133,346	129,537	(3,809)	↓	136,044	(6,506)	↓
December	134,715	132,190	(2,525)	↓	138,587	(6,397)	↓
January	131,547	122,590	(8,958)	↓	133,882	(11,292)	↓
February	117,775	111,159	(6,616)	↓	119,241	(8,082)	↓
March	135,196	129,170	(6,026)	↓	132,693	(3,523)	↓
April	132,763	132,396	(367)	↓	130,565	1,830	↑
May	143,236	140,412	(2,824)	↓	138,085	2,327	↑
June	138,016				129,728		
July	139,434				128,681		
August	139,030				127,348		
September	133,149				118,935		
Total	1,612,003	1,029,942	(32,432)		1,567,052	(32,418)	



May 2019 Monthly Financial Highlights (Continued)

15

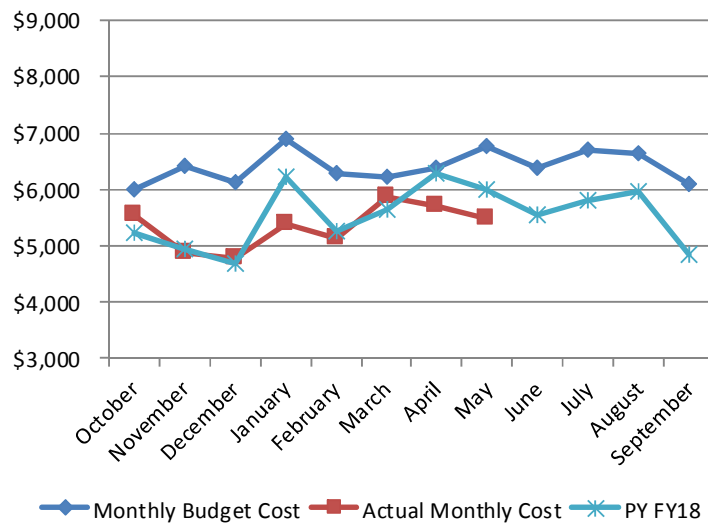
Fuel Revenue/ Cost \$000



Through May 31, 2019

	Monthly Budget Rev/Cost \$000	Actual Monthly Rev/Cost	Variance		PY FY18	CY vs PY Variance	
October	\$ 20,637	\$ 20,550	\$ (87)	↓	\$ 15,936	\$ 4,615	↑
November	20,568	20,711	\$ 143	↑	15,400	\$ 5,310	↑
December	20,779	19,969	\$ (810)	↓	16,007	\$ 3,961	↑
January	20,290	18,822	\$ (1,468)	↓	16,036	\$ 2,785	↑
February	20,718	17,368	\$ (3,350)	↓	17,763	\$ (395)	↓
March	23,783	19,017	\$ (4,765)	↓	19,180	\$ (163)	↓
April	23,354	19,442	(3,912)	↓	19,441	2	↑
May	25,197	20,711	(4,486)	↓	20,854	(143)	↓
June	24,279				19,252		
July	24,528				19,457		
August	24,457				19,608		
September	23,422				18,390		
Total	\$ 272,011	\$ 156,589	\$ (18,736)		\$ 217,324	\$ 15,972	

O&M Cost \$000



Through May 31, 2019

	Monthly Budget Cost \$000	Actual Monthly Cost	Variance		PY FY18	CY vs PY Variance	
October	\$ 5,986	5,551	435	↑	5,239	(312)	↓
November	6,419	4,875	1,544	↑	4,941	66	↑
December	6,119	4,762	1,358	↑	4,694	(68)	↓
January	6,882	5,399	1,483	↑	6,204	805	↑
February	6,291	5,114	1,177	↑	5,252	138	↑
March	6,231	5,869	362	↑	5,638	(231)	↓
April	6,374	5,704	670	↑	6,269	565	↑
May	6,753	5,485	1,268	↑	6,005	520	↓
June	6,373				5,558		
July	6,710				5,797		
August	6,648				5,961		
September	6,079				4,836		
Total	\$ 76,866	\$ 42,759	\$ 8,297		\$ 66,394	\$ 1,483	



May 2019 Monthly Financial Highlights

16

Through May 31, 2019						
	2Q2018	3Q2018	4Q2018	1Q2019	2Q2019	3Q2019
Residential	44,065	44,074	43,887	43,920	44,144	44,640
Commercial	5,262	5,278	5,261	5,273	5,291	5,317
Government	1,086	1,092	1,077	1,090	1,074	1,073
Streetlights	1,005	1,091	1,152	1,151	1,152	1,138
Navy	1	1	1	1	1	1
	51,419	51,536	51,378	51,435	51,662	52,169

	2013	2014	2015	2016	2017	2018	YTD May 2019
Debt service coverage (DSC) calculation-indenture							
Senior lien coverage	3.36	3.16	3.62	3.28	2.65	2.53	1.98
Aggregate debt service coverage	1.88	1.98	2.62	3.28	2.65	2.53	1.98
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	2.16	2.55	2.56	2.45	1.79	1.65	1.58
Aggregate debt service coverage	1.21	1.41	1.85	2.45	1.79	1.65	1.58





GUAM POWER AUTHORITY
ATURIDAT ILEKTRESEDAT GUAHAN
P O BOX 2977, AGANA, GUAM 96932-2977
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GUAM POWER AUTHORITY
FINANCIAL STATEMENT OVERVIEW
 May 2019

Attached are the financial statements and supporting schedules for the month and fiscal year ended May 31, 2019.

Summary

The increase in net assets for the month ended was \$2.4 million as compared to the anticipated net increase of \$1.2 million projected at the beginning of the year. The total kWh sales for the month were 1.97% less than projected and non-fuel revenues were \$0.6 million less than the estimated amount. O & M expenses for the month were \$5.4 million which was \$1.4 million less than our projections for the month. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$3.2 million, which was \$0.4 less than the projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	2.55	2.42	2
Days in Receivables	40	41	52
Days in Payables	28	29	30
LEAC (Over)/Under Recovery Balance -YTD	\$11,753,573	\$12,975,911	\$12,817,628
T&D Losses	5.45%	5.44%	<7.00%
Debt Service Coverage	1.52	1.58	1.75
Long-term equity ratio	-0.013%	-0.009%	30 – 40%
Days in Cash	201	200	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 \$75 million and approximately \$180 million in cash and current receivables. The LEAC under recovery for the month is \$1.2 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

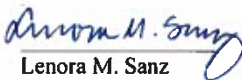
Financial Statements
May 2019

Significant Assumptions

The significant assumptions in the financial statements are as follows:

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

Prepared by:




Lenora M. Sanz
Controller

Reviewed by:



John J.E. Kim
Chief Financial Officer

Approved by:



John M. Benavente, P.E.
General Manager

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Net Position May 31, 2019 and September 30, 2018			
	Unaudited May 2019	Audited September 2018	Change from Sept 30 2018
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 17,815,378	\$ 17,997,927	\$ (182,549)
Bond indenture funds	31,090,684	49,970,719	(18,880,035)
Held by Guam Power Authority:			
Bond indenture funds	136,298,589	142,583,470	(6,284,881)
Self insurance fund-restricted	19,275,733	19,258,353	17,380
Energy sense fund	309,339	1,085,472	(776,133)
Total cash and cash equivalents	204,789,723	230,895,941	(26,106,218)
Accounts receivable, net	43,079,584	37,851,906	5,227,678
Total current receivables	43,079,584	37,851,906	5,227,678
Materials and supplies inventory	13,043,669	12,812,072	231,597
Fuel inventory	60,578,979	67,993,103	(7,414,124)
Prepaid expenses	4,893,166	979,828	3,913,338
Total current assets	326,385,121	350,532,850	(24,147,729)
Utility plant, at cost:			
Electric plant in service	1,070,324,885	1,063,192,955	7,131,930
Construction work in progress	40,020,073	28,021,290	11,998,783
Total	1,110,344,958	1,091,214,245	19,130,713
Less: Accumulated depreciation	(620,960,307)	(597,426,905)	(23,533,402)
Total utility plant	489,384,651	493,787,340	(4,402,689)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,455,424	48,600,660	(145,236)
Unamortized debt issuance costs	2,315,256	2,503,448	(188,192)
Total other non-current assets	50,770,680	51,104,108	(333,428)
Total assets	866,540,452	895,424,298	(28,883,846)
Deferred outflow of resources:			
Deferred fuel revenue	12,975,911	8,370,542	4,605,369
Unamortized loss on debt refunding	25,519,948	27,093,636	(1,573,688)
Pension	8,932,987	8,932,987	0
Other post employment benefits	13,798,017	13,798,017	0
Unamortized forward delivery contract costs	371,758	477,998	(106,240)
Total deferred outflows of resources	61,598,621	58,673,180	2,925,441
	<u>\$ 928,139,073</u>	<u>\$ 954,097,478</u>	<u>\$ (25,958,405)</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued May 31, 2019 and September 30, 2018			
	Unaudited May 2019	Audited September 2018	Change from Sept 30 2018
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 16,130,000	\$ 1,630,000	\$ 14,500,000
Current obligations under capital leases	3,304,531	13,613,066	(10,308,535)
Accounts payable			
Operations	34,806,180	47,761,928	(12,955,748)
Others	1,338,518	662,541	675,977
Accrued payroll and employees' benefits	1,392,201	1,949,080	(556,879)
Current portion of employees' annual leave	2,357,104	2,101,168	255,936
Interest payable	5,321,910	14,745,285	(9,423,375)
Customer deposits	9,909,806	9,387,519	522,287
Total current liabilities	<u>74,560,250</u>	<u>91,850,587</u>	<u>(17,290,337)</u>
Regulatory liabilities:			
Provision for self insurance	19,345,291	19,345,291	0
Total regulatory liabilities	<u>19,345,291</u>	<u>19,345,291</u>	<u>0</u>
Long term debt, net of current maturities	586,180,138	604,881,434	(18,701,296)
Obligations under capital leases, net of current portion	10,180,094	10,808,951	(628,857)
Net Pension liability	74,115,014	76,554,735	(2,439,721)
Other post employment benefits liability	145,955,861	145,955,861	0
DCRS sick leave liability	1,331,151	1,331,151	0
Employees' annual leave net of current portion	1,204,085	1,204,085	0
Customer advances for construction	385,483	385,293	190
Total liabilities	<u>913,257,367</u>	<u>952,317,388</u>	<u>(39,060,021)</u>
Deferred inflows of resources:			
Unearned forward delivery contract revenue	1,362,708	1,752,053	(389,345)
Pension	3,532,642	3,532,642	0
Other post employment benefits	14,804,043	14,804,043	0
Total deferred inflows of resources	<u>19,699,393</u>	<u>20,088,738</u>	<u>(389,345)</u>
Commitments and contingencies			
Net Position:			
Net investment in capital assets	(47,249,486)	(38,960,024)	(8,289,462)
Restricted	25,431,569	47,856,103	(22,424,534)
Unrestricted	17,000,229	(27,204,727)	44,204,957
Total net position	<u>(4,817,688)</u>	<u>(18,308,648)</u>	<u>13,490,962</u>
	<u>\$ 928,139,073</u>	<u>\$ 954,097,478</u>	<u>\$ (25,958,405)</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	May 31		% of change Inc (dec)	Eight Months Ended May 31		% of change Inc (dec)
	Unaudited 2019	Audited 2018		Unaudited 2019	Audited 2018	
Revenues						
Sales of electricity	\$ 34,767,531	\$ 34,865,003	(0)	\$ 262,857,771	\$ 249,231,087	5
Miscellaneous	(68,392)	173,842	(139)	2,277,926	1,256,765	81
Total	34,699,139	35,038,845	(1)	265,135,697	250,487,852	6
Bad debt expense	(91,500)	(83,583)	9	(732,000)	(668,664)	9
Total revenues	34,607,639	34,955,262	(1)	264,403,697	249,819,188	6
Operating and maintenance expenses						
Production fuel	20,710,545	20,853,541	(1)	156,589,106	140,622,284	11
Other production	1,304,426	1,494,243	(13)	10,060,005	11,044,059	(9)
	22,014,971	22,347,784	(1)	166,649,111	151,666,343	10
Depreciation	3,015,829	2,947,511	2	24,918,134	25,580,227	(3)
Energy conversion cost	1,012,670	1,436,403	(29)	9,866,390	11,970,389	(18)
Transmission & distribution	1,203,922	1,085,365	11	7,789,405	8,634,551	(10)
Customer accounting	465,939	577,591	(19)	3,486,309	3,586,616	(3)
Administrative & general	2,419,052	2,847,590	(15)	20,691,101	20,391,525	1
Total operating and maintenance expenses	30,132,383	31,242,244	(4)	233,400,450	221,829,651	5
Operating income	4,475,256	3,713,018	21	31,003,247	27,989,537	11
Other income (expenses)						
Interest income	344,696	373,878	(8)	2,921,990	1,687,508	73
Interest expense and amortization	(2,449,393)	(2,606,335)	(6)	(19,368,457)	(21,460,093)	(10)
Bond issuance costs	88,022	67,464	30	703,176	(1,979,129)	(136)
Bid bond forfeiture	0	0	0	(1,245,000)	0	
Allowance for funds used during construction	0	190,759	(100)	0	1,180,090	(100)
Losses due to typhoon	(66,912)	(294,555)		(705,196)	(491,854)	
Other expense	(4,298)	(4,291)	0	(34,335)	(34,328)	0
Total other income (expenses)	(2,087,885)	(2,273,080)	(8)	(17,727,822)	(21,097,806)	(16)
Income (loss) before capital contributions	2,387,371	1,439,938	66	13,275,425	6,891,731	93
Capital contributions	0	7,906	0	215,537	102,672	0
Increase (decrease) in net assets	2,387,371	1,447,844	65	13,490,962	6,994,403	93
Total net assets at beginning of period (restated)	(7,205,059)	115,723,116	0	(18,308,650)	110,176,557	(117)
Total net assets at end of period	\$ (4,817,688)	\$ 117,170,960	(104)	\$ (4,817,688)	\$ 117,170,960	(104)

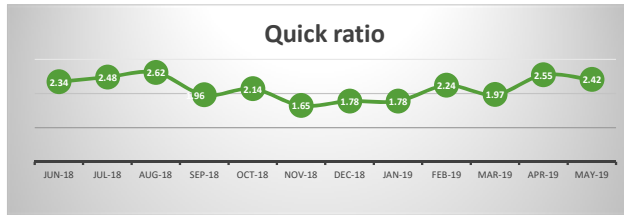
GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows Period Ended May 31, 2019		
	Month Ended 5/31/2019	YTD Ended 5/31/2019
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	\$ 33,924,310	\$ 259,203,840
Cash payments to suppliers and employees for goods and services	29,584,239	223,370,722
Net cash provided by operating activities	4,340,071	35,833,118
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	344,696	2,921,990
Net cash provided by investing activities	344,696	2,921,990
Cash flows from non-capital financing activities		
Interest paid on short term debt	(6,532)	(53,120)
Provision for self insurance funds	-	(17,380)
Net cash provided by noncapital financing activities	(6,532)	(70,500)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,365,950)	(20,515,444)
Principal paid on bonds and other long-term debt	-	(1,630,000)
Interest paid on bonds(net of capitalized interest)	-	(28,066,875)
Interest paid on capital lease obligations	(102,742)	(671,839)
Interest & principal funds held by trustee	(3,680,352)	182,549
Reserve funds held by trustee	(44,564)	145,236
Bond funds held by trustee	1,119,544	18,880,035
Principal payment on capital lease obligations	(628,857)	(10,937,392)
Grant from DOI/FEMA	-	215,537
Debt issuance costs/loss on defeasance	(321,537)	(2,571,296)
Net cash provided by (used in) capital and related financing activities	(5,024,458)	(44,969,489)
Net (decrease) increase in cash and cash equivalents	(346,224)	(6,284,881)
Cash and cash equivalents, beginning	136,644,812	142,583,470
Cash and cash equivalents-Funds held by GPA, May 31, 2019	\$ 136,298,589	\$ 136,298,589

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows, continued Period Ended May 31, 2019			Month Ended 5/31/2019	YTD Ended 5/31/2019
Reconciliation of operating earnings to net cash provided by operating activities:				
Operating earnings net of depreciation expense and excluding interest income	\$	4,475,256	\$	31,003,247
Adjustments to reconcile operating earnings to net cash provided by operating activities:				
Depreciation and amortization		3,015,829		24,918,134
Other expense		16,812		(1,281,355)
(Increase) decrease in assets:				
Accounts receivable		(673,035)		(5,227,678)
Materials and inventory		(1,126,842)		(231,597)
Fuel inventory		(2,285,394)		7,414,124
Prepaid expenses		459,989		(3,913,338)
Unamortized debt issuance cost		23,524		188,192
Deferred fuel revenue		(1,222,338)		(4,605,369)
Unamortized loss on debt refunding		196,711		1,573,688
Unamortized forward delivery contract costs		13,280		106,240
Increase (decrease) in liabilities:				
Accounts payable-operations		2,413,076		(12,955,748)
Accounts payable-others		(58,230)		1,452,110
Accrued payroll and employees' benefits		(1,123,563)		(556,879)
Net pension liability		(278,590)		(2,439,721)
Employees' annual leave		76,815		255,936
Customers deposits		465,439		522,287
Customer advances for construction		-		190
Unearned forward delivery contract revenue		(48,668)		(389,345)
Net cash provided by operating activities	\$	4,340,071	\$	35,833,118

Guam Power Authority
Financial Analysis
05/31/19

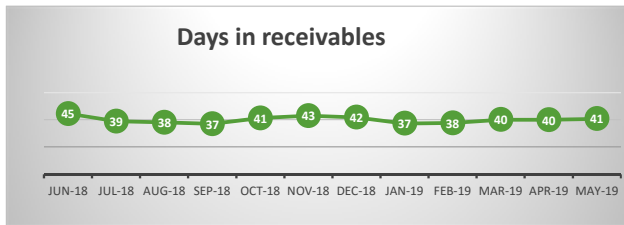
Quick Ratio

A	Reserve Funds Held by GPA	136,298,589
B	Current Accounts Receivable	43,811,834
C	Total Cash and A/R (A+B)	180,110,423
D	Total Current Liabilities	74,560,250
E	Quick Ratio (F/G)	2.42



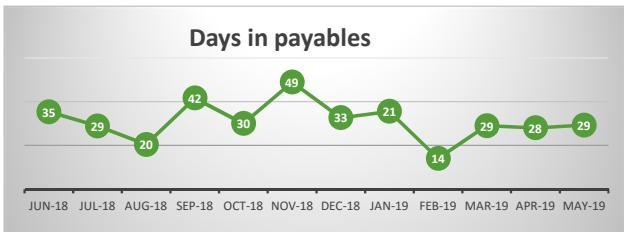
Days in Receivables

A	FY 18 Moving 12 Mos.-Actual	391,955,555
B	No. of Days	365
C	Average Revenues per day (A/B)	1,073,851
D	Current Accounts Receivable	43,811,834
E	Days in Receivables (D/C)	41



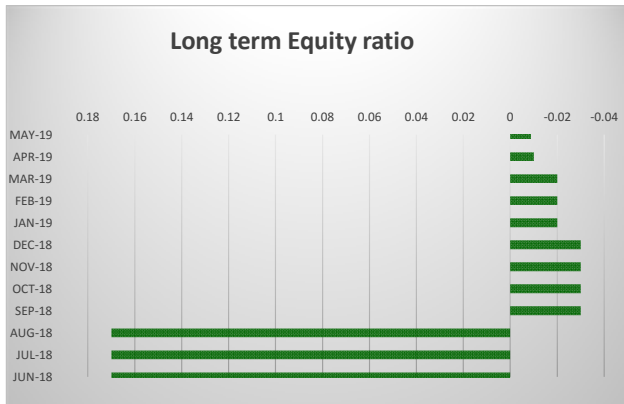
Days in Payables

A	FY 18 Moving 12 Months-Actual	450,548,561
B	No. of Days	365
C	Average Payables per day (A/B)	1,234,380
D	Current Accounts Payables	36,144,698
E	Days in Payables (D/C)	29



Long term equity ratio

A	Equity	\$ (4,817,688.00)
B	Total Long term Liability	\$ 554,845,871.00
C	Total Equity and liability	\$ 550,028,183.00
D	Long term equity ratio (A/C)	-0.88%

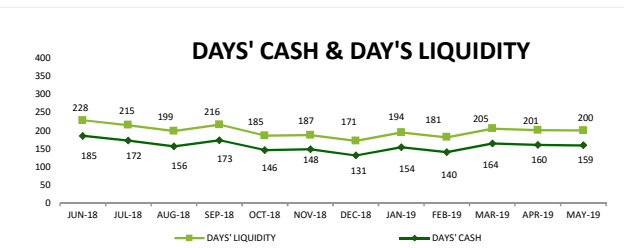


Days cash on hand

A	Unrestricted cash & cash equivalents	136,299
B	No. of Days -YTD	243
C	A x B	33,120,557
D	Total Operating expenses excluding depreciation	208,482
E	Days cash on hand	159

Days' Liquidity

A	Unrestricted cash , cash equivalents & revolving	171,299
B	No. of Days -YTD	243
C	A x B	41,625,557
D	Total Operating expenses excluding depreciation	208,482
E	Days liquidity	200



GPA 302 11-Jun-19		GUAM POWER AUTHORITY ACCRUED REVENUE MAY 2019			
		FOR THE MONTH ENDED MAY		EIGHT MONTHS ENDED MAY	
		2019	2018	2019	2018
KWH SALES:					
Residential		45,901,332	44,782,019	323,106,661	334,973,180
Small Gen. Non Demand		6,785,836	7,216,684	52,447,689	54,969,964
Small Gen. Demand		16,473,837	16,316,998	121,729,655	124,781,697
Large General		25,831,230	26,377,222	199,110,602	208,467,322
Independent Power Producer		31,329	26,295	250,760	364,430
Private St. Lights		33,473	34,126	262,764	263,236
Sub-total		95,057,036	94,753,344	696,908,132	723,819,828
Government Service:					
Small Non Demand		1,265,906	1,224,286	9,287,022	9,745,582
Small Demand		8,650,402	8,098,401	63,726,952	63,634,757
Large		6,344,614	6,622,597	47,742,351	50,993,697
Street Lighting		838,818	761,901	5,983,567	5,770,092
Sub-total		17,099,740	16,707,185	126,739,891	130,144,128
Total		112,156,776	111,460,529	823,648,023	853,963,956
U. S. Navy		28,255,054	26,624,376	206,294,381	208,396,216
GRAND TOTAL		140,411,830	138,084,906	1,029,942,404	1,062,360,172
REVENUE:					
Residential	\$	11,457,009	\$ 11,371,498	\$ 81,020,690	\$ 77,648,495
Small Gen. Non Demand	\$	1,943,284	\$ 2,127,563	\$ 15,337,544	\$ 14,978,149
Small Gen. Demand	\$	4,442,708	\$ 4,513,787	\$ 33,433,320	\$ 31,836,542
Large General	\$	6,615,844	\$ 6,798,955	\$ 51,307,464	\$ 49,276,449
Independent Power Producer	\$	8,600	\$ 7,068	\$ 70,165	\$ 84,575
Private St. Lights	\$	25,670	\$ 26,776	\$ 206,441	\$ 202,614
Sub-total	\$	24,493,115	\$ 24,845,648	\$ 181,375,624	\$ 174,026,823
Government Service:					
Small Non Demand	\$	383,585	\$ 372,707	\$ 2,826,212	\$ 2,757,215
Small Demand	\$	2,465,281	\$ 2,323,025	\$ 18,298,879	\$ 16,981,217
Large	\$	1,743,611	\$ 1,840,797	\$ 13,222,015	\$ 13,161,573
Street Lighting	\$	497,965	\$ 477,272	\$ 3,880,510	\$ 3,535,184
Sub-total	\$	5,090,441	\$ 5,013,801	\$ 38,227,616	\$ 36,435,189
Total	\$	29,583,556	\$ 29,859,448	\$ 219,603,239	\$ 210,462,012
U. S. Navy	\$	5,183,974	\$ 5,005,555	\$ 43,254,530	\$ 38,769,075
GRAND TOTAL	\$	34,767,531	\$ 34,865,003	\$ 262,857,769	\$ 249,231,087
NUMBER OF CUSTOMERS:					
Residential		44,640	44,086	44,125	44,013
Small Gen. Non Demand		4,213	4,172	4,182	4,150
Small Gen. Demand		983	988	984	985
Large General		119	119	119	119
Independent Power Producer		2	2	2	2
Private St. Lights		520	533	523	530
Sub-total		50,477	49,900	49,936	49,798
Government Service:					
Small Non Demand		676	691	677	684
Small Demand		355	350	353	351
Large		42	47	43	47
Street Lighting		618	526	626	433
Sub-total		1,691	1,614	1,698	1,515
Total		52,168	51,514	51,634	51,312
US Navy		1	1	1	1
GRAND TOTAL		52,169	51,515	51,635	51,313

CCU Regular Meeting July 23, 2019 - GPA

GPA403 11-Jun-19		GUAM POWER AUTHORITY ACCRUED REVENUE											
	TWELVE MONTHS ENDING	MAY 2019	APRIL 2019	MARCH 2019	FEBRUARY 2019	JANUARY 2019	DECEMBER 2018	NOVEMBER 2018	OCTOBER 2018	SEPTEMBER 2018	AUGUST 2018	JULY 2018	JUNE 2018
KWH SALES:													
Residential	483,480,229	45,901,332	42,026,049	40,399,698	33,484,048	36,661,215	41,291,151	41,148,899	42,194,270	37,207,511	39,748,314	41,361,122	42,056,621
Small General Non Demand	78,897,330	6,785,836	7,066,118	6,549,399	5,421,847	6,252,665	6,871,789	6,712,433	6,787,602	6,128,698	6,737,467	6,743,157	6,840,318
Small General Demand	181,553,111	16,473,837	15,551,604	15,250,813	13,414,678	14,926,054	15,425,672	15,054,686	15,632,311	14,018,162	15,283,605	15,161,689	15,360,000
Large General	298,011,529	25,831,230	24,717,184	24,793,966	22,118,423	24,846,497	25,790,483	26,074,017	24,938,803	23,573,240	24,724,982	25,339,577	25,263,128
Private Outdoor Lighting	402,584	33,473	30,560	32,171	32,766	32,878	33,401	33,984	33,531	34,933	33,511	34,288	37,088
Independent Power Producer	366,045	31,329	28,130	34,407	25,891	36,117	28,494	35,867	30,526	29,708	30,251	30,088	25,238
Sub-Total	1,042,710,829	95,057,036	89,419,645	87,060,454	74,497,653	82,755,426	89,440,990	89,059,886	89,617,042	80,992,253	86,558,130	88,669,920	89,582,394
Government Service:													
Small Non Demand	13,868,424	1,265,906	1,195,401	1,192,582	1,019,279	1,066,520	1,218,540	1,096,422	1,232,371	1,089,787	1,205,730	1,128,046	1,157,839
Small Demand	93,038,132	8,650,402	8,019,578	8,144,760	7,207,579	7,752,635	8,107,721	7,758,614	8,085,662	7,082,161	7,641,330	7,182,975	7,404,715
Large	71,398,961	6,344,614	5,914,002	5,983,823	5,273,740	5,782,397	6,098,140	5,989,384	6,356,251	5,873,776	6,179,381	5,707,305	5,896,149
Street Lighting (Agencies)	9,259,693	838,818	763,841	710,856	791,792	714,935	805,684	744,605	613,035	734,966	842,364	903,135	795,661
Sub-Total	187,565,210	17,099,740	15,892,823	16,032,021	14,292,390	15,316,487	16,230,084	15,589,026	16,287,319	14,780,690	15,868,805	14,921,461	15,254,364
Total	1,230,276,039	112,156,776	105,312,468	103,092,475	88,790,044	98,071,914	105,671,074	104,648,912	105,904,361	95,772,942	102,426,935	103,591,381	104,836,757
U.S. Navy	304,358,337	28,255,054	27,083,234	26,077,843	22,368,909	24,517,651	26,518,827	24,888,490	26,584,373	23,161,867	24,921,140	25,089,942	24,891,007
Grand Total	1,534,634,376	140,411,830	132,395,702	129,170,318	111,158,952	122,589,564	132,189,902	129,537,402	132,488,734	118,934,809	127,348,076	128,681,323	129,727,764
REVENUE:													
Residential	\$ 121,195,626	\$ 11,457,009	\$ 10,559,992	\$ 10,171,326	\$ 8,491,117	\$ 9,109,499	\$ 10,347,514	\$ 10,286,420	\$ 10,597,812	\$ 9,335,975	\$ 9,971,178	\$ 10,379,963	\$ 10,487,819
Small General Non Demand	\$ 23,038,235	\$ 1,943,284	\$ 2,086,044	\$ 1,927,366	\$ 1,599,494	\$ 1,844,100	\$ 2,002,603	\$ 1,938,660	\$ 1,995,993	\$ 1,793,407	\$ 1,962,561	\$ 1,975,429	\$ 1,969,294
Small General Demand	\$ 49,850,727	\$ 4,442,708	\$ 4,275,919	\$ 4,237,399	\$ 3,714,204	\$ 4,135,462	\$ 4,234,344	\$ 4,091,967	\$ 4,301,317	\$ 3,892,588	\$ 4,192,538	\$ 4,191,623	\$ 4,150,658
Large General	\$ 76,950,076	\$ 6,615,844	\$ 6,321,363	\$ 6,456,767	\$ 5,778,637	\$ 6,433,966	\$ 6,618,506	\$ 6,715,109	\$ 6,367,272	\$ 6,170,948	\$ 6,427,049	\$ 6,510,707	\$ 6,533,909
Private Outdoor Lighting	\$ 312,867	\$ 25,670	\$ 25,155	\$ 25,651	\$ 25,784	\$ 26,100	\$ 25,860	\$ 26,021	\$ 26,201	\$ 26,392	\$ 26,189	\$ 26,302	\$ 27,542
Independent Power Producer	\$ 102,701	\$ 8,600	\$ 7,310	\$ 9,896	\$ 7,681	\$ 10,117	\$ 7,355	\$ 10,699	\$ 8,507	\$ 8,392	\$ 7,924	\$ 9,619	\$ 6,601
Sub-Total	\$ 271,450,232	\$ 24,493,115	\$ 23,275,783	\$ 22,828,405	\$ 19,616,918	\$ 21,559,243	\$ 23,236,182	\$ 23,068,875	\$ 23,297,103	\$ 21,227,703	\$ 22,587,439	\$ 23,083,643	\$ 23,175,823
Government Service:													
Small Non Demand	\$ 4,226,886	\$ 383,585	\$ 361,853	\$ 364,404	\$ 311,171	\$ 328,284	\$ 373,332	\$ 335,403	\$ 368,179	\$ 335,723	\$ 366,623	\$ 343,795	\$ 354,533
Small Demand	\$ 26,857,922	\$ 2,465,281	\$ 2,284,016	\$ 2,363,416	\$ 2,065,940	\$ 2,248,023	\$ 2,372,119	\$ 2,230,742	\$ 2,269,343	\$ 2,104,471	\$ 2,213,718	\$ 2,081,391	\$ 2,159,463
Large	\$ 19,913,053	\$ 1,743,611	\$ 1,632,794	\$ 1,668,683	\$ 1,492,275	\$ 1,614,932	\$ 1,688,786	\$ 1,646,650	\$ 1,734,285	\$ 1,680,530	\$ 1,733,549	\$ 1,609,173	\$ 1,667,786
Street Lighting (Agencies)	\$ 5,902,809	\$ 497,965	\$ 482,529	\$ 472,435	\$ 488,836	\$ 465,560	\$ 498,967	\$ 479,197	\$ 495,021	\$ 477,638	\$ 499,032	\$ 568,447	\$ 477,183
Sub-Total	\$ 56,900,670	\$ 5,090,441	\$ 4,761,191	\$ 4,868,938	\$ 4,358,222	\$ 4,656,799	\$ 4,933,204	\$ 4,691,993	\$ 4,866,827	\$ 4,598,362	\$ 4,812,921	\$ 4,602,806	\$ 4,658,965
Total	\$ 328,350,902	\$ 29,583,556	\$ 28,036,974	\$ 27,697,343	\$ 23,975,139	\$ 26,216,042	\$ 28,169,387	\$ 27,760,868	\$ 28,163,930	\$ 25,826,065	\$ 27,400,361	\$ 27,686,449	\$ 27,834,788
U.S. Navy	\$ 63,604,654	\$ 5,183,974	\$ 4,925,354	\$ 5,245,421	\$ 5,307,473	\$ 5,221,857	\$ 5,266,617	\$ 6,152,798	\$ 5,951,036	\$ 5,271,574	\$ 5,243,314	\$ 5,217,194	\$ 4,618,042
Grand Total	\$ 391,955,555	\$ 34,767,531	\$ 32,962,328	\$ 32,942,764	\$ 29,282,613	\$ 31,437,899	\$ 33,436,004	\$ 33,913,666	\$ 34,114,966	\$ 31,097,639	\$ 32,643,674	\$ 32,903,643	\$ 32,452,830
NUMBER OF CUSTOMERS:													
Residential	44,081	44,640	44,200	44,144	44,018	44,091	43,920	43,876	44,112	43,887	44,005	44,003	44,074
Small General Non Demand	4,180	4,213	4,185	4,183	4,173	4,180	4,166	4,176	4,183	4,159	4,185	4,183	4,173
Small General Demand	984	983	985	985	984	986	987	981	984	982	984	982	984
Large General	119	119	118	121	119	119	118	119	117	118	118	119	119
Private Outdoor Lighting	525	520	522	523	521	522	523	524	527	525	525	531	532
Independent Power Producer	2	2	2	2	2	2	2	2	3	2	3	3	3
Sub-Total	49,890	50,477	50,012	49,958	49,817	49,900	49,716	49,679	49,925	49,674	49,820	49,821	49,885
Government Service:													
Small Non Demand	680	676	672	675	678	679	683	667	686	677	683	690	694
Small Demand	352	355	356	357	357	356	360	327	352	353	354	351	351
Large	44	42	42	42	42	42	38	38	47	47	47	47	47
Street Lighting (Agencies)	618	618	621	629	628	628	628	628	629	627	614	612	559
Sub-Total	1,695	1,691	1,691	1,703	1,705	1,705	1,718	1,660	1,714	1,704	1,698	1,700	1,651
Total	51,585	52,168	51,703	51,661	51,522	51,605	51,434	51,339	51,639	51,378	51,518	51,521	51,536
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	51,586	52,169	51,704	51,662	51,523	51,606	51,435	51,340	51,640	51,379	51,519	51,522	51,537

GPA303

**GUAM POWER AUTHORITY
ACCRUED REVENUE
MAY 2019**

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		0.154242	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
Month												
R Residential	44,640	45,901,332	\$ 11,457,009	\$ 24.96	\$ 24.96	\$ 11,457,009	1,028	\$ 257	\$ 9.54	\$ 4,377,096	\$ 15.42	\$ 7,079,913
G Small Gen. Non Demand	4,213	6,785,836	\$ 1,943,284	\$ 28.64	\$ 28.64	\$ 1,943,284	1,611	\$ 461	\$ 13.21	\$ 896,623	\$ 15.42	\$ 1,046,661
J Small Gen. Demand	983	16,473,837	\$ 4,442,708	\$ 26.97	\$ 26.97	\$ 4,442,708	16,759	\$ 4,520	\$ 11.55	\$ 1,902,944	\$ 15.42	\$ 2,539,764
P Large General	119	25,831,230	\$ 6,615,844	\$ 25.61	\$ 25.61	\$ 6,615,844	217,069	\$ 55,595	\$ 10.26	\$ 2,650,598	\$ 15.35	\$ 3,965,246
I Independent Power Producer	2	31,329	\$ 8,600	\$ 27.45	\$ 27.45	\$ 8,600	15,665	\$ 4,300	\$ 12.56	\$ 3,936	\$ 14.89	\$ 4,664
H Private St. Lights	520	33,473	\$ 25,670	\$ 76.69	\$ 76.69	\$ 25,670	64	\$ 49	\$ 61.26	\$ 20,507	\$ 15.42	\$ 5,163
Sub-Total	50,477	95,057,036	\$ 24,493,115	\$ 25.77	\$ 25.77	\$ 24,493,115	1,883	\$ 485	\$ 10.36	\$ 9,851,705	\$ 15.40	\$ 14,641,410
Government Service:												
S Small Non Demand	676	1,265,906	\$ 383,585	\$ 30.30	\$ 30.30	\$ 383,585	1,873	\$ 567	\$ 14.88	\$ 188,330	\$ 15.42	\$ 195,256
K Small Demand	355	8,650,402	\$ 2,465,281	\$ 28.50	\$ 28.50	\$ 2,465,281	24,367	\$ 6,944	\$ 13.07	\$ 1,131,025	\$ 15.42	\$ 1,334,255
L Large	42	6,344,614	\$ 1,743,611	\$ 27.48	\$ 27.48	\$ 1,743,611	151,062	\$ 41,515	\$ 12.24	\$ 776,546	\$ 15.24	\$ 967,064
F Street Lighting (Agencies)	618	838,818	\$ 497,965	\$ 59.37	\$ 59.37	\$ 497,965	1,357	\$ 806	\$ 43.94	\$ 368,584	\$ 15.42	\$ 129,381
Sub-Total	1,691	17,099,740	\$ 5,090,441	\$ 29.77	\$ 29.77	\$ 5,090,441	10,112	\$ 3,010	\$ 14.41	\$ 2,464,485	\$ 15.36	\$ 2,625,956
U.S. Navy	52,168	112,156,776	\$ 29,583,556	\$ 26.38	\$ 26.38	\$ 29,583,556	2,150	\$ 567	\$ 10.98	\$ 12,316,190	\$ 15.40	\$ 17,267,367
	1	28,255,054	\$ 5,183,974	\$ 18.35	\$ 18.35	\$ 5,183,974			\$ 6.16	\$ 1,740,797	\$ 12.19	\$ 3,443,178
TOTAL	52,169	140,411,830	\$ 34,767,531	\$ 24.76	\$ 24.76	\$ 34,767,531	2,691	\$ 666	\$ 10.01	\$ 14,056,987	\$ 14.75	\$ 20,710,544
Eight Months Ending May 2019												
R Residential	44,125	323,106,661	\$ 81,020,690	\$ 25.08	\$ 25.08	\$ 81,020,690	7,323	\$ 1,836	\$ 9.65	\$ 31,184,072	\$ 15.42	\$ 49,836,618
G Small Gen. Non Demand	4,182	52,447,689	\$ 15,337,544	\$ 29.24	\$ 29.24	\$ 15,337,544	12,540	\$ 3,667	\$ 13.82	\$ 7,247,907	\$ 15.42	\$ 8,089,636
J Small Gen. Demand	984	121,729,655	\$ 33,433,320	\$ 27.47	\$ 27.47	\$ 33,433,320	123,662	\$ 33,964	\$ 12.05	\$ 14,665,716	\$ 15.42	\$ 18,767,604
P Large General	119	199,110,602	\$ 51,307,464	\$ 25.77	\$ 25.77	\$ 51,307,464	1,676,721	\$ 432,063	\$ 10.42	\$ 20,740,637	\$ 15.35	\$ 30,566,827
I Independent Power Producer	2	250,760	\$ 70,165	\$ 27.98	\$ 27.98	\$ 70,165	118,005	\$ 33,019	\$ 13.10	\$ 32,847	\$ 14.88	\$ 37,318
H Private St. Lights	523	262,764	\$ 206,441	\$ 78.57	\$ 78.57	\$ 206,441	503	\$ 395	\$ 63.14	\$ 165,912	\$ 15.42	\$ 40,529
Sub-Total	49,936	696,908,132	\$ 181,375,624	\$ 26.03	\$ 26.03	\$ 181,375,624	13,956	\$ 3,632	\$ 10.62	\$ 74,037,091	\$ 15.40	\$ 107,338,532
Government Service:												
S Small Non Demand	677	9,287,022	\$ 2,826,212	\$ 30.43	\$ 30.43	\$ 2,826,212	13,718	\$ 4,175	\$ 15.01	\$ 1,393,763	\$ 15.42	\$ 1,432,449
K Small Demand	353	63,726,952	\$ 18,298,879	\$ 28.71	\$ 28.71	\$ 18,298,879	180,786	\$ 51,912	\$ 13.29	\$ 8,469,507	\$ 15.42	\$ 9,829,373
L Large	43	47,742,351	\$ 13,222,015	\$ 27.69	\$ 27.69	\$ 13,222,015	1,116,780	\$ 309,287	\$ 12.46	\$ 5,946,475	\$ 15.24	\$ 7,275,540
F Street Lighting (Agencies)	626	5,983,567	\$ 3,880,510	\$ 64.85	\$ 64.85	\$ 3,880,510	9,557	\$ 6,198	\$ 49.43	\$ 2,957,592	\$ 15.42	\$ 922,917
Sub-Total	1,698	126,739,891	\$ 38,227,616	\$ 30.16	\$ 30.16	\$ 38,227,616	74,624	\$ 22,508	\$ 14.81	\$ 18,767,337	\$ 15.35	\$ 19,460,279
U.S. Navy	1	206,294,381	\$ 43,254,530	\$ 20.97	\$ 20.97	\$ 43,254,530			\$ 6.53	\$ 13,464,235	\$ 14.44	\$ 29,790,295
TOTAL	51,635	1,029,942,404	\$ 262,857,769	\$ 25.52	\$ 25.52	\$ 262,857,769	19,947	\$ 5,091	\$ 10.32	\$ 106,268,664	\$ 15.20	\$ 156,589,106
Twelve Months Ending May 2019												
R Residential	44,081	483,480,229	\$ 121,195,626	\$ 25.07	\$ 25.07	\$ 121,195,626	10,968	\$ 2,749	\$ 9.64	\$ 46,622,668	\$ 15.42	\$ 74,572,958
G Small Gen. Non Demand	4,180	78,897,330	\$ 23,038,235	\$ 29.20	\$ 29.20	\$ 23,038,235	18,875	\$ 5,512	\$ 13.78	\$ 10,868,953	\$ 15.42	\$ 12,169,282
J Small Gen. Demand	984	181,553,111	\$ 49,850,727	\$ 27.46	\$ 27.46	\$ 49,850,727	184,521	\$ 50,666	\$ 12.04	\$ 21,859,167	\$ 15.42	\$ 27,991,560
P Large General	119	298,011,529	\$ 76,950,076	\$ 25.82	\$ 25.82	\$ 76,950,076	2,511,333	\$ 648,456	\$ 10.47	\$ 31,192,682	\$ 15.35	\$ 45,757,394
I Independent Power Producer	2	366,045	\$ 102,701	\$ 28.06	\$ 28.06	\$ 102,701	151,467	\$ 42,497	\$ 68.51	\$ 250,772	\$ 14.89	\$ 54,492
H Private St. Lights	525	402,584	\$ 312,867	\$ 77.71	\$ 77.71	\$ 312,867	767	\$ 596	\$ 11.97	\$ 48,208	\$ 15.42	\$ 62,095
Sub-Total	49,890	1,042,710,829	\$ 271,450,232	\$ 26.03	\$ 26.03	\$ 271,450,232	20,900	\$ 5,441	\$ 10.63	\$ 110,842,451	\$ 15.40	\$ 160,607,781
Government Service:												
S Small Non Demand	680	13,868,424	\$ 4,226,886	\$ 30.48	\$ 30.48	\$ 4,226,886	20,395	\$ 6,216	\$ 15.05	\$ 2,087,793	\$ 15.42	\$ 2,139,094
K Small Demand	352	93,038,132	\$ 26,857,922	\$ 28.87	\$ 28.87	\$ 26,857,922	264,000	\$ 76,211	\$ 13.44	\$ 12,507,534	\$ 15.42	\$ 14,350,388
L Large	44	71,398,961	\$ 19,913,053	\$ 27.89	\$ 27.89	\$ 19,913,053	1,616,580	\$ 450,862	\$ 12.65	\$ 9,032,887	\$ 15.24	\$ 10,880,166
F Street Lighting (Agencies)	618	9,259,693	\$ 5,902,809	\$ 63.75	\$ 63.75	\$ 5,902,809	14,973	\$ 9,545	\$ 48.32	\$ 4,474,575	\$ 15.42	\$ 1,428,233
Sub-Total	1,695	187,565,210	\$ 56,900,670	\$ 30.34	\$ 30.34	\$ 56,900,670	110,658	\$ 33,570	\$ 14.98	\$ 28,102,789	\$ 15.35	\$ 28,797,880
U.S. Navy	51,585	1,230,276,039	\$ 328,350,902	\$ 26.69	\$ 26.69	\$ 328,350,902	23,849	\$ 6,365	\$ 11.29	\$ 138,945,240	\$ 15.40	\$ 189,405,661
	1	304,358,337	\$ 63,604,654	\$ 20.90	\$ 20.90	\$ 63,604,654			\$ 6.48	\$ 19,718,978	\$ 14.42	\$ 43,885,676
TOTAL	51,586	1,534,634,376	\$ 391,955,555	\$ 25.54	\$ 25.54	\$ 391,955,555	29,749	\$ 7,598	\$ 10.34	\$ 158,664,218	\$ 15.20	\$ 233,291,337

CCU Regular Meeting July 23, 2019 - GPA

GPA-318
318May19

ENERGY ACCOUNT
FY 2019 Versus FY 2018

FOR INTERNAL USE ONLY

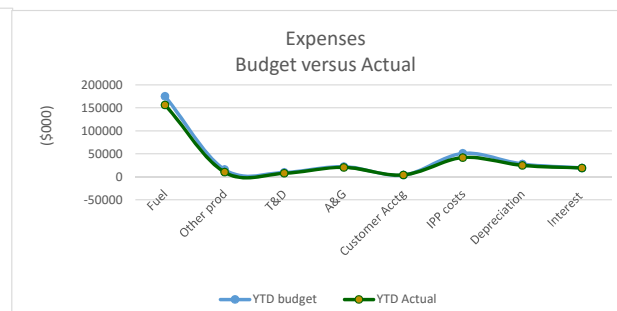
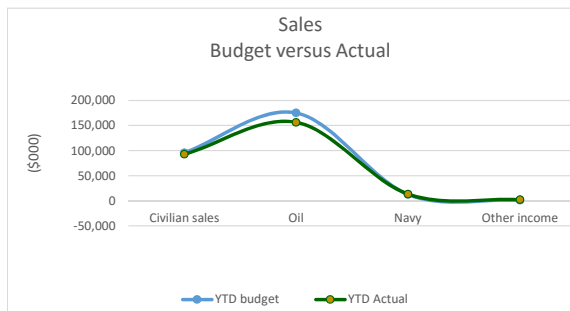
	May 2019		May 2018		Y T D 2019		Y T D 2018		MOVING TWELVE MONTHS	
Gross Generation	31		31		243		61		365	
Number of days in Period	254		249		254		254		249	
Peak demand	05/30/19		05/14/18		05/30/19		10/30/17		05/14/18	
Date	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	70,945,000		56,512,000		499,806,000		453,754,000		697,287,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	14,423,000		27,409,700		174,444,300		212,560,900		280,257,300	
MEC (ENRON) Piti 9 (IPP)	28,683,200		29,215,300		201,916,200		222,460,200		303,291,900	
TEMES Piti 7 (IPP)	3,916,718		2,215,440		39,823,424		16,148,831		63,988,090	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:										
MDI 10MW	506,376		0		623,389		946,580		977,067	
NRG Solar Dandan	4,762,146		4,537,268		32,604,547		32,346,595		46,559,298	
Dededo CT #1	864,240		543,500		4,579,500		5,696,850		10,688,720	
Dededo CT #2	1,844,430		713,680		6,416,340		4,568,900		14,073,910	
Macheche CT	3,374,689		6,000,136		35,234,080		36,364,273		47,224,548	
Yigo CT (Leased)	4,826,186		5,203,060		34,300,479		28,050,249		55,163,396	
Tenjo	3,041,310		3,061,560		18,054,570		30,371,570		29,181,130	
Talofofo 10 MW	722,170		1,125,490		5,150,130		10,527,260		7,934,770	
Aggreko	16,530,113		15,031,436		83,766,875		109,724,453		134,770,511	
Wind Turbine*	10,850		9,594		123,147		293,592		141,859	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	154,450,428		151,578,165		1,136,842,980		1,163,814,253		1,691,539,498	
Ratio to last year		101.89		96.26		97.68		99.77		96.09
Station use	5,872,738		5,209,578		44,274,757		42,597,775		64,392,922	
Ratio to Gross generation		3.80		3.44		3.89		3.66		3.81
Net send out	148,577,689		146,368,586		1,092,568,223		1,121,216,477		1,627,146,576	
Ratio to last year		101.51		96.49		97.44		100.07		95.83
KWH deliveries:										
Sales to Navy (@34.5kv)	28,255,054		26,624,376		206,294,381		208,396,216		304,358,337	
Ratio to last year		106.12		96.08		98.99		98.34		96.60
GPA-metered	120,322,635		119,744,210		886,273,842		912,820,261		1,322,788,239	
Ratio to last year		100.48		96.58		97.09		100.47		95.65
Power factor adj.	0		0		0		0		0	
Adjusted	120,322,635		119,744,210		886,273,842		912,820,261		1,322,788,239	
GPA KWH Accountability:										
Sales to civilian customers-accrual basis	112,156,776		111,460,529		823,648,024		853,963,955		1,230,276,039	
Ratio to last year		100.62		96.67		96.45		100.54		94.92
GPA use-KWH	365,521		369,108		2,720,860		2,557,628		4,050,801	
Unaccounted For	7,800,338		7,914,573		59,904,958		56,298,678		88,461,400	
Ratio to deliveries		6.48		6.61		6.76		6.17		6.69
Ratio to Gross Generation		5.05		5.22		5.27		4.84		5.23
Ratio to Net Send Out		5.25		5.41		5.48		5.02		5.44

GPA-317May19

**Guam Power Authority
Fuel Consumption
FY 2019**

Description	May 2019		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARREL S	AMOUNT
FUEL FURNISHED:						
NAVY:						
Diesel	0	0	0	0	0	0
Low Sulfur	0	0	0	0	0	0
	0	0	0	0	0	0
GPA:						
RFO	141,108	\$10,243,922	941,120	\$ 69,839,188	1,323,452	\$ 96,073,815
Diesel	74,491	\$7,055,124	483,795	\$ 46,125,726	774,032	\$ 74,168,650
Low Sulfur	36,718	\$3,107,878	396,400	\$ 33,522,584	629,406	\$ 49,235,309
Deferred Fuel Costs	0	-\$1,222,338	0	\$ (4,605,370)	0	\$ (2,333,070)
Fuel Adjustments	0	-\$1,832		\$ 54,766	0	\$ (162,394)
Fuel Handling Costs	0	\$1,527,791	0	\$ 11,652,211	0	\$ 17,088,318
	252,317	\$20,710,545	1,821,315	\$ 156,589,106	2,726,890	\$ 234,070,629
IWPS:						
GPA RFO	141,108	\$10,243,922	941,120	\$ 69,839,188	1,323,452	\$ 96,073,815
Diesel	74,491	\$7,055,124	483,795	\$ 46,125,726	774,032	\$ 74,168,650
Low Sulfur	36,718	\$3,107,878	396,400	\$ 33,522,584	629,406	\$ 49,235,309
Deferred Fuel Costs	0	-\$1,222,338	0	\$ (4,605,370)	0	\$ (2,333,070)
Fuel Variance	0	-\$1,832	0	\$ 54,766		\$ (162,394)
Fuel Handling Costs	0	\$1,527,791	0	\$ 11,652,211	0	\$ 17,088,318
	252,317	\$20,710,545	1,821,315	\$ 156,589,106	2,726,890	\$ 234,070,629
AVERAGE COST/Bbl.						
GPA RFO		\$72.60		\$74.21		\$72.59
Diesel		\$94.71		\$95.34		\$95.82
Low Sulfur		\$84.64		\$84.57		\$78.23
AS BURNED						
Cabras 1 & 2						
RFO	93,347	\$ 6,785,647	675,580	\$ 50,554,872	875,518	\$ 64,357,639
Low Sulfur	25,965	\$ 2,197,674	160,809	\$ 13,527,788	300,399	\$ 22,955,944
Diesel	<u>226</u>	<u>\$ 20,950</u>	<u>1,240</u>	<u>\$ 120,703</u>	<u>2,317</u>	<u>\$ 219,964</u>
	119,538	\$ 9,004,271	837,629	\$ 64,203,363	1,178,234	\$ 87,533,547
Cabras 3 & 4						
RFO	0	\$ -	0	\$ -	0	\$ -
Low Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	<u>0</u>	<u>\$ -</u>	<u>0</u>	<u>\$ -</u>	<u>0</u>	<u>\$ -</u>
	0	\$ -	0	\$ -	0	\$ -
MEC (Piti Units 8&9)						
RFO	47,761	\$ 3,458,275	265,540	\$ 19,284,316	447,934	\$ 31,716,176
Low Sulfur	10,754	\$ 910,204	235,591	\$ 19,994,797	329,007	\$ 26,279,365
Diesel	<u>0</u>	<u>\$ -</u>	<u>26</u>	<u>\$ 1,866</u>	<u>56</u>	<u>\$ 3,930</u>
	58,515	\$ 4,368,479	501,157	\$ 39,280,979	776,997	\$ 57,999,472
Diesel & CT's - GPA:						
MDI Dsl	811	\$ 67,138	944	\$ 77,170	1,583	\$ 124,621
Macheche CT	7,323	\$ 695,227	76,396	\$ 7,220,750	101,730	\$ 9,635,920
Yigo CT	10,259	\$ 933,349	74,274	\$ 7,006,102	118,394	\$ 11,265,514
Talofofo 10 MW	1,256	\$ 112,997	8,991	\$ 820,838	13,319	\$ 1,248,101
Aggreko	30,372	\$ 2,918,550	154,066	\$ 14,473,981	248,139	\$ 23,706,851
Tenjo	5,237	\$ 569,367	31,963	\$ 3,357,023	49,406	\$ 5,134,560
TEMES (IPP)	10,816	\$ 998,128	101,940	\$ 9,810,812	163,469	\$ 15,687,404
GWA Generators	<u>6</u>	<u>\$ 761</u>	<u>858</u>	<u>\$ 110,579</u>	<u>2,216</u>	<u>\$ 270,244</u>
	74,265	\$ 7,034,174	482,529	\$ 46,003,156	771,659	\$ 73,944,755
Deferred Fuel Costs	0	\$ (1,222,338)		\$ (4,605,370)		\$ (2,333,070)
Adjustment		\$ (1,832)		\$ 54,766		\$ (162,394)
Fuel Handling Costs	<u>0</u>	<u>\$ 1,527,791</u>		<u>\$ 11,652,211</u>		<u>\$ 17,088,318</u>
TOTAL	252,318	\$ 20,710,545	1,821,315	\$ 156,589,106	2,726,890	\$ 234,070,629

Statement of operations Comparison-Budget versus Actual For the month and year to date ended May 31, 2019						
	Budget	Actual May-19	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	116,325	112,157	4,168	856,569	823,647	32,922
Non-fuel yield	\$ 0.105171	\$ 0.109810	\$ (0.004639)	\$ 0.105171	\$ 0.112674	\$ (0.007504)
KwH Sales-Navy	26,910	28,255	(1,345)	205,805	206,294	(489)
Non-fuel yield	\$ 0.062350	\$ 0.061617	\$ 0.000733	\$ 0.062350	\$ 0.065271	\$ (0.002921)
Operating revenue						
Civilian sales	\$ 12,952	\$ 12,316	\$ 636	\$ 95,951	\$ 92,804	\$ 3,147
Oil	25,197	20,711	4,486	175,325	156,590	18,735
Navy	1,678	1,741	(63)	12,832	13,465	(633)
Other income	168	(68)	237	1,347	2,278	(931)
	<u>\$ 39,995</u>	<u>\$ 34,700</u>	<u>\$ 5,296</u>	<u>\$ 285,455</u>	<u>\$ 265,137</u>	<u>\$ 20,318</u>
Bad debts expense	92	92	-	732	732	-
Total operating revenues	\$ 39,904	\$ 34,608	\$ 5,296	\$ 284,723	\$ 264,405	\$ 20,318
Operating expenses:						
Production fuel	\$ 25,197	\$ 20,711	\$ 4,486	\$ 175,325	\$ 156,589	\$ 18,736
O & M expenses:						
Other production	2,016	1,304	712	15,885	10,060	5,825
Transmission distribution	1,197	1,204	(7)	9,623	7,789	1,833
Administrative expense	3,140	2,419	721	22,342	20,691	1,651
Customer accounting	399	466	(67)	3,206	3,486	(280)
	<u>6,753</u>	<u>5,393</u>	<u>1,359</u>	<u>51,056</u>	<u>42,027</u>	<u>9,029</u>
IPP costs	1,347	1,013	335	10,778	9,866	912
Depreciation	3,501	3,016	486	28,011	24,918	3,093
	<u>\$ 36,798</u>	<u>\$ 30,132</u>	<u>\$ 6,666</u>	<u>\$ 265,170</u>	<u>\$ 233,400</u>	<u>\$ 31,770</u>
Operating income	\$ 3,106	\$ 4,476	\$ (1,370)	\$ 19,553	\$ 31,004	\$ (11,452)
Other revenue (expenses):						
Investment income	177	345	(168)	1,416	2,922	(1,506)
Interest expense	(2,414)	(2,449)	36	(19,469)	(19,368)	(101)
AFUDC	202	-	202	1,613	-	1,613
Bid bond forfeiture	-	-	-	-	(1,245)	1,245
Losses due to typhoon	-	(67)	67	-	(705)	705
Bond issuance costs/Other expenses	142	84	59	1,139	669	470
Net income before capital contribution	1,213	2,388	(1,176)	4,251	13,276	(9,026)
Grants from the U.S. Government	-	-	-	-	216	(216)
Increase (decrease) in net assets	\$ 1,213	\$ 2,388	\$ (1,176)	\$ 4,251	\$ 13,492	\$ (9,242)



Guam Power Authority
Debt service coverage
May 31, 2019

	2015	2016	Restated 2017	Audited 2018	YTD Unaudited 2019
Funds Available for Debt Service					
Earnings from Operations	\$ 48,758	\$ 37,981	\$ 36,522	\$ 38,164	\$ 31,003
Interest Income	256	57	122	620	2,223
Depreciation Expense	41,766	44,240	44,292	37,184	24,918
Balance Available for Debt Service	\$ 90,780	\$ 82,278	\$ 80,936	\$ 75,968	\$ 58,144
IPP - Capital Costs					
Principal	\$ 18,144	\$ 14,819	\$ 20,796	\$ 23,210	\$ 10,955
Interest	8,478	5,970	5,609	3,159	768
Total IPP Payments	\$ 26,622	\$ 20,789	\$ 26,405	\$ 26,369	\$ 11,723
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	9,605	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	7,999	7,999	2,000	-
Principal and Interest (2012 Senior TE Bond)	17,096	17,098	17,449	17,086	20,978
Principal and Interest (2014 Senior TE Bond)	-	10	5,084	5,083	3,389
Principal and Interest (2017 Senior TE Bond)	-	-	-	5,916	5,071
Total	\$ 34,700	\$ 25,107	\$ 30,532	\$ 30,086	\$ 29,439
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	2.56 x	2.45 x	1.79 x	1.65 x	1.58 x
Existing DSC Methodology (Senior+Subordinate)	1.85 x	2.45 x	1.79 x	1.65 x	1.58 x
Bond Covenant DSC	2.62 x	3.28 x	2.65 x	2.53 x	1.98 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:

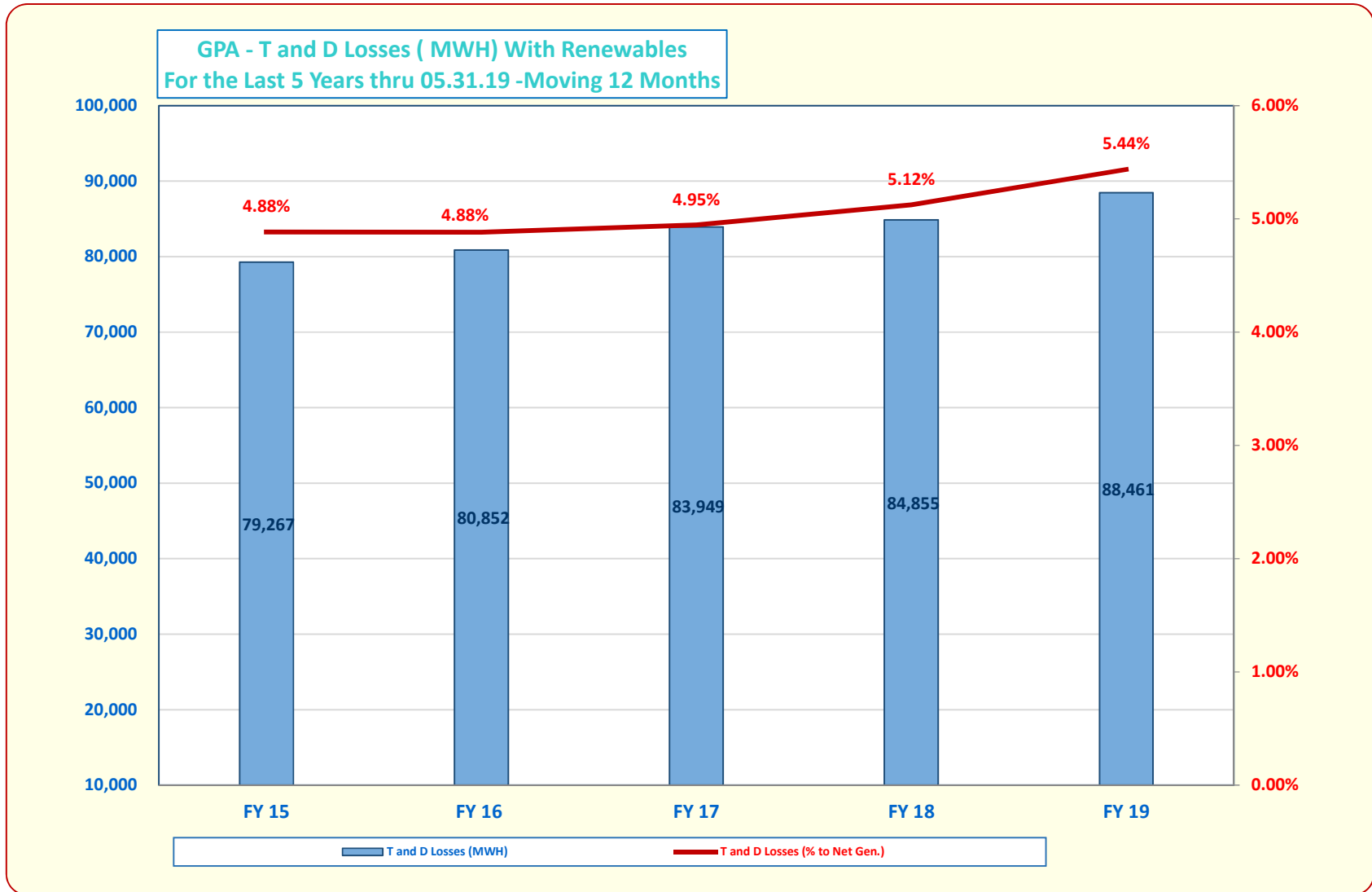
- (1) Source: Guam Power Authority, 2014 - 2017 Audited Financial Statements
- (2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit.
- (3) Existing DSC Methodology (Rating Agency Method):
 (Operating Earnings + Depreciation Expense - IPP Principal & 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)

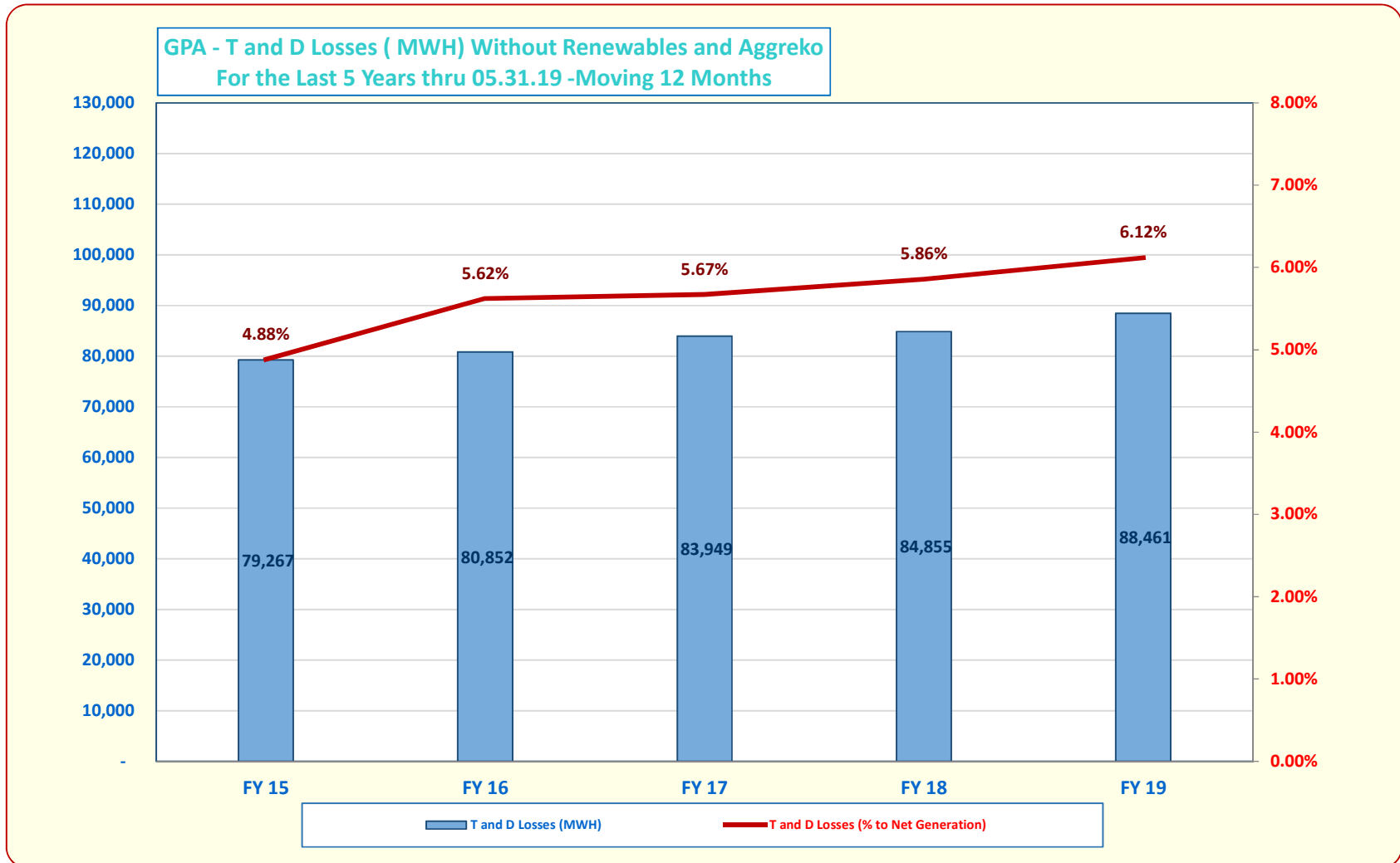
CCU Regular Meeting July 23, 2019 - GPA

REVENUES-ACTUAL VS PROJECTIONS								
MONTHLY - MAY 2019					YTD THRU 05/31/19			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	47,815,445	45,901,332	(1,914,114)	-4.00%	335,760,203	323,106,661	(12,653,542)	-3.77%
Small General-Non-Demand	7,524,793	6,785,836	(738,958)	-9.82%	56,009,290	52,447,689	(3,561,601)	-6.36%
Small General-Demand	16,084,954	16,473,837	388,882	2.42%	122,835,466	121,729,655	(1,105,811)	-0.90%
Large	27,534,905	25,831,230	(1,703,676)	-6.19%	211,080,297	199,110,602	(11,969,694)	-5.67%
Independent Power Producers	48,112	31,329	(16,783)	-34.88%	368,820	250,760	(118,060)	-32.01%
Private St. Lites	26,929	33,473	6,544	24.30%	262,027	262,764	737	0.28%
Sub-total	99,035,139	95,057,036	(3,978,103)	-4.02%	726,316,103	696,908,132	(29,407,971)	-4.05%
Government								
Small_Non Demand	1,294,474	1,265,906	(28,568)	-2.21%	9,379,539	9,287,022	(92,517)	-0.99%
Small-Demand	8,444,582	8,650,402	205,820	2.44%	64,360,072	63,726,952	(633,120)	-0.98%
Large	6,844,855	6,344,614	(500,241)	-7.31%	50,602,152	47,742,351	(2,859,801)	-5.65%
Public St. Lites	706,263	838,818	132,556	18.77%	5,911,584	5,983,567	71,982	1.22%
Sub-total	17,290,173	17,099,740	(190,433)	-1.10%	130,253,347	126,739,891	(3,513,456)	-2.70%
Total-Civilian	116,325,312	112,156,776	(4,168,536)	-3.58%	856,569,450	823,648,023	(32,921,427)	-3.84%
USN	26,910,442	28,255,054	1,344,612	5.00%	205,804,564	206,294,381	489,816	0.24%
Grand Total	143,235,755	140,411,830	(2,823,925)	-1.97%	1,062,374,015	1,029,942,404	(32,431,611)	-3.05%
Non-Oil Yield								
Residential	0.096102	0.095359	(0.000743)	-0.77%	0.096102	0.096513	0.000411	0.43%
Small General-Non-Demand	0.136352	0.132132	(0.004220)	-3.10%	0.136352	0.138193	0.001841	1.35%
Small General-Demand	0.119289	0.115513	(0.003776)	-3.17%	0.119289	0.120478	0.001189	1.00%
Large	0.103671	0.102612	(0.001059)	-1.02%	0.103671	0.104166	0.000495	0.48%
Independent Power Producers	0.120485	0.125637	0.005152	0.00%	0.120485	0.130991	0.010506	0.00%
Private St. Lites	0.568458	0.612647	0.044189	7.77%	0.568458	0.631410	0.062952	11.07%
Sub-total	0.105171	0.103640	(0.001531)	-1.46%	0.105510	0.106237	0.000727	0.69%
Government								
Small_Non Demand	0.150024	0.148771	(0.001253)	-0.84%	0.150024	0.150076	0.000052	0.03%
Small-Demand	0.134359	0.130748	(0.003611)	-2.69%	0.134359	0.132903	(0.001456)	-1.08%
Large	0.126658	0.122395	(0.004263)	-3.37%	0.126658	0.124553	(0.002105)	-1.66%
Public St. Lites	0.482817	0.439408	(0.043409)	-8.99%	0.482817	0.494286	0.011469	2.38%
Sub-total	0.146717	0.144124	(0.002593)	-1.77%	0.148310	0.148078	(0.000233)	-0.16%
Total-Civilian	0.175911	0.109812	(0.066099)	-37.58%	0.165044	0.112675	(0.052369)	-31.73%
USN	0.062350	0.061610	(0.000740)	-1.19%	0.062350	0.065267	0.002917	4.68%
Grand Total	0.102141	0.100113	(0.002028)	-1.99%	0.102396	0.103179	0.000783	0.76%
Non-Oil Revenues								
Residential	4,595,160	4,377,096	(218,064)	-4.75%	32,267,227	31,184,072	(1,083,155)	-3.36%
Small General-Non-Demand	1,026,021	896,623	(129,398)	-12.61%	7,636,979	7,247,907	(389,072)	-5.09%
Small General-Demand	1,918,758	1,902,944	(15,814)	-0.82%	14,652,920	14,665,716	12,796	0.09%
Large	2,854,571	2,650,598	(203,973)	-7.15%	21,882,905	20,740,637	(1,142,269)	-5.22%
Independent Power Producers	5,797	3,936	(1,861)	-32.10%	44,437	32,847	(11,590)	-26.08%
Private St. Lites	15,308	20,507	5,199	33.96%	148,951	165,912	16,961	11.39%
Sub-total	10,415,615	9,851,705	(563,910)	-5.41%	76,633,420	74,037,091	(2,596,329)	-3.39%
Government								
Small_Non Demand	194,202	188,330	(5,873)	-3.02%	1,407,156	1,393,763	(13,393)	-0.95%
Small-Demand	1,134,606	1,131,025	(3,580)	-0.32%	8,647,355	8,469,507	(177,848)	-2.06%
Large	866,956	776,546	(90,409)	-10.43%	6,409,167	5,946,475	(462,692)	-7.22%
Public St. Lites	340,996	368,584	27,588	8.09%	2,854,213	2,957,592	103,379	3.62%
Sub-total	2,536,759	2,464,485	(72,274)	-2.85%	19,317,892	18,767,337	(550,554)	-2.85%
Total-Civilian	12,952,374	12,316,190	(636,184)	-4.91%	95,951,311	92,804,428	(3,146,883)	-3.28%
USN	1,677,866	1,740,797	62,931	3.75%	12,831,915	13,464,235	632,321	4.93%
Grand Total	14,630,240	14,056,987	(573,253)	-3.92%	108,783,226	106,268,664	(2,514,562)	-2.31%
% of Total Revenues	36.73%	40.43%			38.29%	40.43%		
Oil Revenues								
Residential	8,411,281	7,079,913	(1,331,367)	-15.83%	55,450,145	49,836,618	(5,613,528)	-10.12%
Small General-Non-Demand	1,323,697	1,046,661	(277,036)	-20.93%	9,248,457	8,089,636	(1,158,821)	-12.53%
Small General-Demand	2,829,526	2,539,764	(289,762)	-10.24%	20,268,031	18,767,604	(1,500,427)	-7.40%
Large	4,843,703	3,965,246	(878,457)	-18.14%	34,812,910	30,566,827	(4,246,083)	-12.20%
Independent Power Producers	8,463	4,664	(3,800)	-44.89%	60,829	37,318	(23,510)	-38.65%
Private St. Lites	4,737	5,163	426	8.99%	42,838	40,529	(2,309)	-5.39%
Sub-total	17,421,407	14,641,410	(2,779,997)	-15.96%	119,883,211	107,338,533	(12,544,678)	-10.46%
Government								
Small_Non Demand	227,713	195,256	(32,457)	-14.25%	1,547,892	1,432,449	(115,443)	-7.46%
Small-Demand	1,485,498	1,334,255	(151,243)	-10.18%	10,614,317	9,829,373	(784,944)	-7.40%
Large	1,204,088	967,064	(237,024)	-19.68%	8,354,166	7,275,540	(1,078,626)	-12.91%
Public St. Lites	124,240	129,381	5,141	4.14%	971,901	922,917	(48,984)	-5.04%
Sub-total	3,041,538	2,625,956	(415,582)	-13.66%	21,488,275	19,460,278	(2,027,997)	-9.44%
Total-Civilian	20,462,945	17,267,367	(3,195,579)	-15.62%	141,371,486	126,798,812	(14,572,674)	-10.31%
USN	4,733,853	3,443,178	(1,290,675)	-27.26%	33,953,638	29,790,295	(4,163,343)	-12.26%
Grand Total	25,196,798	20,710,544	(4,486,254)	-17.80%	175,325,124	156,589,106	(18,736,017)	-10.69%
% of Total Revenues	63.27%	59.57%			61.71%	59.57%		
Grand Total								
Residential	13,006,441	11,457,009	(1,549,431)	-11.91%	87,717,372	81,020,690	(6,696,682)	-7.63%
Small General-Non-Demand	2,349,717	1,943,284	(406,433)	-17.30%	16,885,436	15,337,544	(1,547,892)	-9.17%
Small General-Demand	4,748,285	4,442,708	(305,576)	-6.44%	34,920,951	33,433,320	(1,487,632)	-4.26%
Large	7,698,274	6,615,844	(1,082,430)	-14.06%	56,695,816	51,307,464	(5,388,352)	-9.50%
Independent Power Producers	14,260	8,600	(5,660)	-39.69%	105,266	70,166	(35,100)	-33.34%
Private St. Lites	20,045	25,670	5,625	28.06%	191,789	206,441	14,652	7.64%
Sub-total	27,837,022	24,493,115	(3,343,907)	-12.01%	196,516,630	181,375,624	(15,141,006)	-7.70%
Government								
Small_Non Demand	421,915	383,585	(38,329)	-9.08%	2,955,048	2,826,212	(128,836)	-4.36%
Small-Demand	2,620,104	2,465,281	(154,823)	-5.91%	19,261,671	18,298,879	(962,792)	-5.00%
Large	2,071,043	1,743,611	(327,433)	-15.81%	14,763,333	13,222,015	(1,541,318)	-10.44%
Public St. Lites	465,235	497,965	32,730	7.04%	3,826,115	3,880,510	54,395	1.42%
Sub-total	5,578,297	5,090,441	(487,856)	-8.75%	40,806,167	38,227,616	(2,578,551)	-6.32%
Total-Civilian	33,415,319	29,583,556	(3,831,762)	-11.47%	237,322,797	219,603,240	(17,719,557)	-7.47%
USN	6,411,719	5,183,974	(1,227,744)	-19.15%	46,785,553	43,254,530	(3,531,022)	-7.55%
Grand Total	39,827,038	34,767,531	(5,059,507)	-12.70%	284,108,350	262,857,770	(21,250,580)	-7.48%

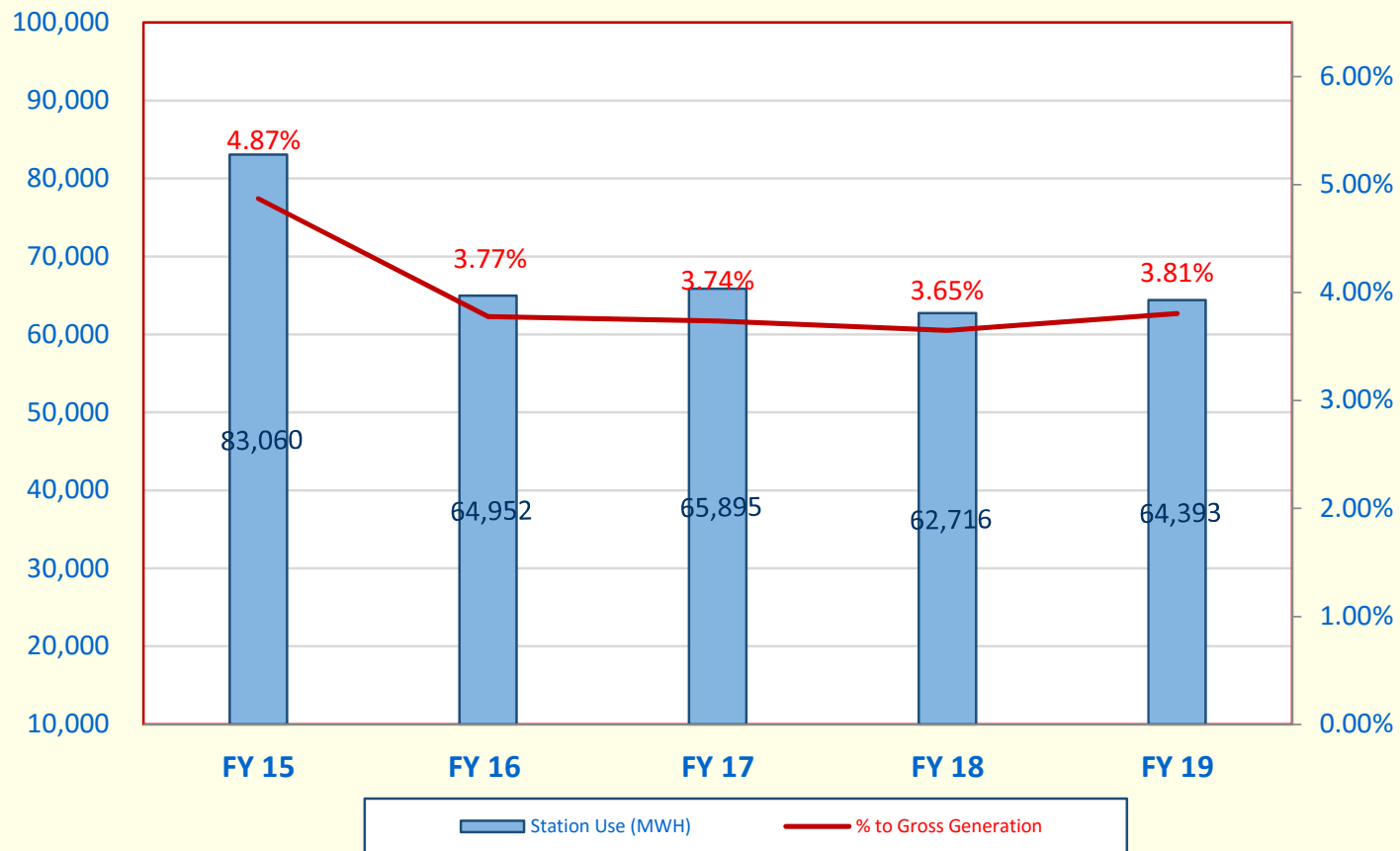
CCU Regular Meeting July 23, 2019 - GPA

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			
	2019	2018	VARIANCE	% VARIANCE	2019	2018	VARIANCE	% VARIANCE
KWH								
Residential	323,106,661	334,973,180	(11,866,519)	-3.54%	45,901,332	44,782,019	1,119,313	2.50%
Small General-Non-Demand	52,447,689	54,969,964	(2,522,275)	-4.59%	6,785,836	7,216,684	(430,848)	-5.97%
Small General-Demand	121,729,655	124,781,697	(3,052,042)	-2.45%	16,473,837	16,316,998	156,839	0.96%
Large	199,110,602	208,467,322	(9,356,719)	-4.49%	25,831,230	26,377,222	(545,992)	-2.07%
Independent Power Producers	250,760	364,430	(113,669)	-31.19%	31,329	26,295	5,034	19.14%
Private St. Lites	262,764	263,236	(472)	-0.18%	33,473	34,126	(654)	-1.92%
Sub-total	696,908,132	723,819,828	(26,911,696)	-3.72%	95,057,036	94,753,344	303,692	0.32%
Government								
Small_Non Demand	9,287,022	9,745,582	(458,560)	-4.71%	1,265,906	1,224,286	41,620	3.40%
Small-Demand	63,726,952	63,634,757	92,195	0.14%	8,650,402	8,098,401	552,001	6.82%
Large	47,742,351	50,993,697	(3,251,346)	-6.38%	6,344,614	6,622,597	(277,983)	-4.20%
Public St. Lites	5,983,567	5,770,092	213,474	3.70%	838,818	761,901	76,917	10.10%
Sub-total	126,739,891	130,144,128	(3,404,237)	-2.62%	17,099,740	16,707,185	392,555	2.35%
Total-Civilian	823,648,023	853,963,956	(30,315,933)	-3.55%	112,156,776	111,460,529	696,246	0.62%
USN	206,294,381	208,396,216	(2,101,835)	-1.01%	28,255,054	26,624,376	1,630,678	6.12%
Grand Total	1,029,942,404	1,062,360,172	(32,417,768)	-3.05%	140,411,830	138,084,906	2,326,924	1.69%
Non-Oil Yield								
Residential	0.096513	0.096264	0.000250	0.26%	0.095359	0.096207	-0.000848	-0.88%
Small General-Non-Demand	0.138193	0.136864	0.001329	0.97%	0.132132	0.137053	-0.004922	-3.59%
Small General-Demand	0.120478	0.119962	0.000516	0.43%	0.115513	0.119560	-0.004047	-3.38%
Large	0.104166	0.103509	0.000658	0.64%	0.102612	0.103537	-0.000925	-0.89%
Independent Power Producers	0.130991	0.109135	0.021856	20.03%	0.125637	0.119682	0.005954	4.98%
Private St. Lites	0.631410	0.636841	-0.005431	-0.85%	0.612647	0.630365	-0.017718	-2.81%
Sub-total	0.106237	0.105722	0.000514	0.49%	0.103640	0.105579	-0.001939	-1.84%
Government								
Small_Non Demand	0.150076	0.150014	0.000062	0.04%	0.148771	0.150180	-0.001410	-0.94%
Small-Demand	0.132903	0.133814	-0.000911	-0.68%	0.130748	0.132608	-0.001859	-1.40%
Large	0.124553	0.126643	-0.002090	-1.65%	0.122395	0.125484	-0.003089	-2.46%
Public St. Lites	0.494286	0.479314	0.014972	3.12%	0.439408	0.472181	-0.032772	-6.94%
Sub-total	0.148078	0.147536	0.000542	0.37%	0.144124	0.146557	-0.002433	-1.66%
Total-Civilian	0.112675	0.112094	0.000580	0.52%	0.109812	0.111721	-0.001909	-1.71%
USN	0.065267	0.061825	0.003442	5.57%	0.061610	0.058553	0.003057	5.22%
Grand Total	0.103179	0.102234	0.000946	0.93%	0.100113	0.101470	-0.001357	-1.34%
Non-Oil Revenues								
Residential	31,184,072	32,245,704	(1,061,632)	-3.29%	4,377,096	4,308,342	68,754	1.60%
Small General-Non-Demand	7,247,907	7,523,396	(275,489)	-3.66%	896,623	989,072	(92,449)	-9.35%
Small General-Demand	14,665,716	14,969,052	(303,337)	-2.03%	1,902,944	1,950,862	(47,918)	-2.46%
Large	20,740,637	21,578,149	(837,512)	-3.88%	2,650,598	2,731,023	(80,425)	-2.94%
Independent Power Producers	32,847	39,772	(6,925)	-17.41%	3,936	3,147	789	25.07%
Private St. Lites	165,912	167,639	(1,728)	-1.03%	20,507	21,512	(1,005)	-4.67%
Sub-total	74,037,091	76,523,713	(2,486,622)	-3.25%	9,851,705	10,003,958	(152,253)	-1.52%
Government								
Small_Non Demand	1,393,763	1,461,976	(68,213)	-4.67%	188,330	183,864	4,466	2.43%
Small-Demand	8,469,507	8,515,236	(45,729)	-0.54%	1,131,025	1,073,911	57,114	5.32%
Large	5,946,475	6,458,002	(511,527)	-7.92%	776,546	831,027	(54,481)	-6.56%
Public St. Lites	2,957,592	2,765,683	191,909	6.94%	368,584	359,755	8,829	2.45%
Sub-total	18,767,337	19,200,897	(433,560)	-2.26%	2,464,485	2,448,557	15,928	0.65%
Total-Civilian	92,804,428	95,724,611	(2,920,182)	-3.05%	12,316,190	12,452,514	(136,324)	-1.09%
USN	13,464,235	12,884,194	580,041	4.50%	1,740,797	1,558,948	181,849	11.66%
Grand Total	106,268,664	108,608,805	(2,340,141)	-2.15%	14,056,987	14,011,462	45,524	0.32%
% of Total Revenues								
Oil Revenues								
Residential	49,836,618	45,402,791	4,433,827	9.77%	7,079,913	7,063,156	16,757	0.24%
Small General-Non-Demand	8,089,636	7,454,753	634,884	8.52%	1,046,661	1,138,492	(91,831)	-8.07%
Small General-Demand	18,767,604	16,867,490	1,900,114	11.26%	2,539,764	2,562,926	(23,161)	-0.90%
Large	30,566,827	27,698,300	2,868,527	10.36%	3,965,246	4,067,932	(102,686)	-2.52%
Independent Power Producers	37,318	44,803	(7,484)	-16.70%	4,664	3,921	743	18.96%
Private St. Lites	40,529	34,974	5,555	15.88%	5,163	5,264	(101)	-1.92%
Sub-total	107,338,533	97,503,110	9,835,423	10.09%	14,641,410	14,841,690	(200,279)	-1.35%
Government								
Small_Non Demand	1,432,449	1,295,239	137,210	10.59%	195,256	188,843	6,412	3.40%
Small-Demand	9,829,373	8,465,981	1,363,392	16.10%	1,334,255	1,249,114	85,142	6.82%
Large	7,275,540	6,703,571	571,969	8.53%	967,064	1,009,770	(42,706)	-4.23%
Public St. Lites	922,917	769,500	153,417	19.94%	129,381	117,517	11,864	10.10%
Sub-total	19,460,278	17,234,291	2,225,987	12.92%	2,625,956	2,565,244	60,712	2.37%
Total-Civilian	126,798,812	114,737,401	12,061,410	10.51%	17,267,367	17,406,934	(139,567)	-0.80%
USN	29,790,295	25,884,881	3,905,414	15.09%	3,443,178	3,446,607	(3,429)	-0.10%
Grand Total	156,589,106	140,622,282	15,966,824	11.35%	20,710,544	20,853,541	(142,996)	-0.69%
% of Total Revenues								
Grand Total								
Residential	81,020,690	77,648,495	3,372,195	4.34%	11,457,009	11,371,498	85,511	0.75%
Small General-Non-Demand	15,337,544	14,978,149	359,395	2.40%	1,943,284	2,127,563	(184,279)	-8.66%
Small General-Demand	33,433,320	31,836,542	1,596,778	5.02%	4,442,708	4,513,787	(71,079)	-1.57%
Large	51,307,464	49,276,449	2,031,015	4.12%	6,615,844	6,798,955	(183,111)	-2.69%
Independent Power Producers	70,166	84,575	(14,409)	-17.04%	8,600	7,068	1,532	21.68%
Private St. Lites	206,441	202,614	3,828	1.89%	25,670	26,776	(1,106)	-4.13%
Sub-total	181,375,624	174,026,823	7,348,801	4.22%	24,493,115	24,845,648	(352,532)	-1.42%
Government								
Small_Non Demand	2,826,212	2,757,215	68,996	2.50%	383,585	372,707	10,878	2.92%
Small-Demand	18,298,879	16,981,217	1,317,662	7.76%	2,465,281	2,323,025	142,256	6.12%
Large	13,222,015	13,161,573	60,442	0.46%	1,743,611	1,840,797	(97,187)	-5.28%
Public St. Lites	3,880,510	3,535,184	345,326	9.77%	497,965	477,272	20,693	4.34%
Sub-total	38,227,616	36,435,189	1,792,427	4.92%	5,090,441	5,013,801	76,640	1.53%
Total-Civilian	219,603,240	210,462,012	9,141,228	4.34%	29,583,556	29,859,448	(275,892)	-0.92%
USN	43,254,530	38,769,075	4,485,455	11.57%	5,183,974	5,005,555	178,420	3.56%
Grand Total	262,857,770	249,231,087	13,626,683	5.47%	34,767,531	34,865,003	(97,472)	-0.28%

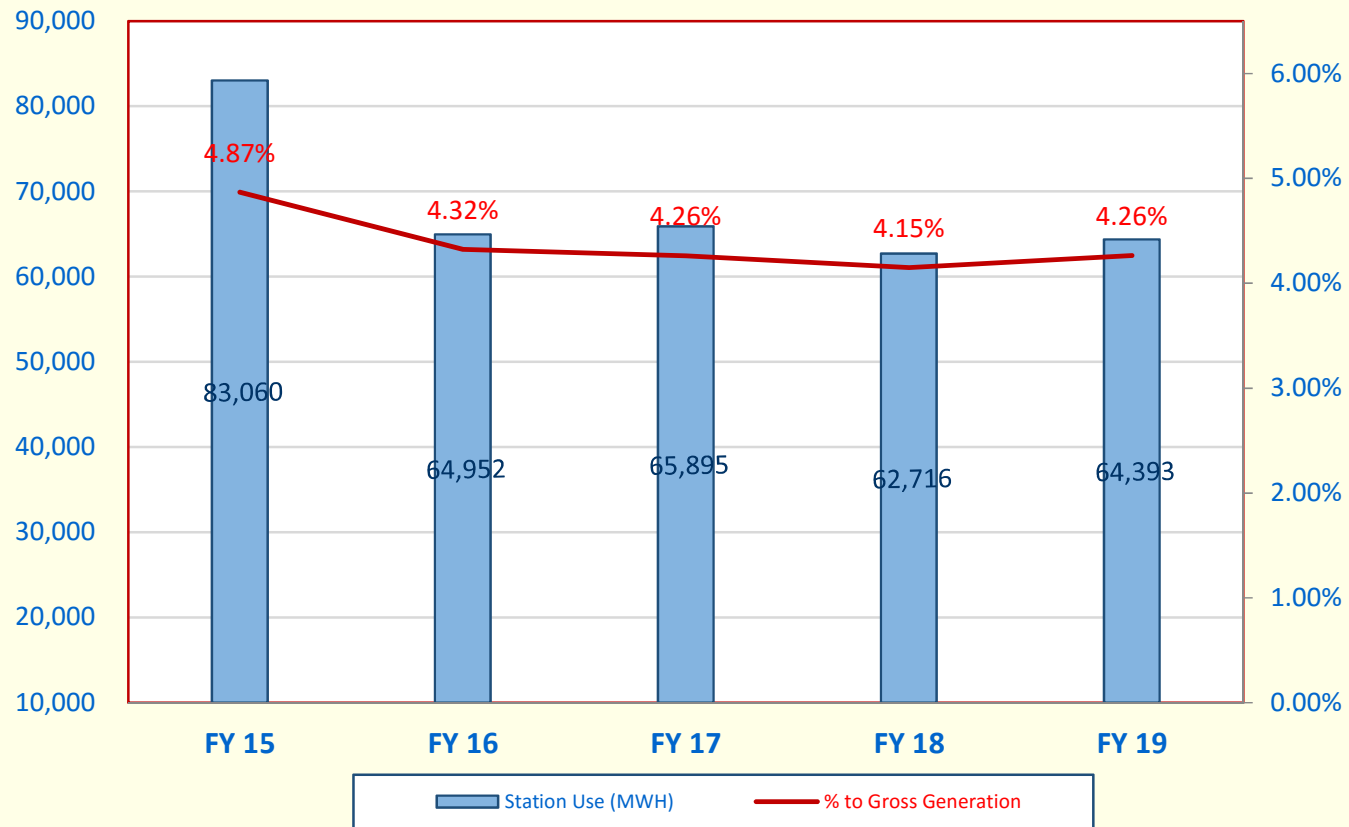


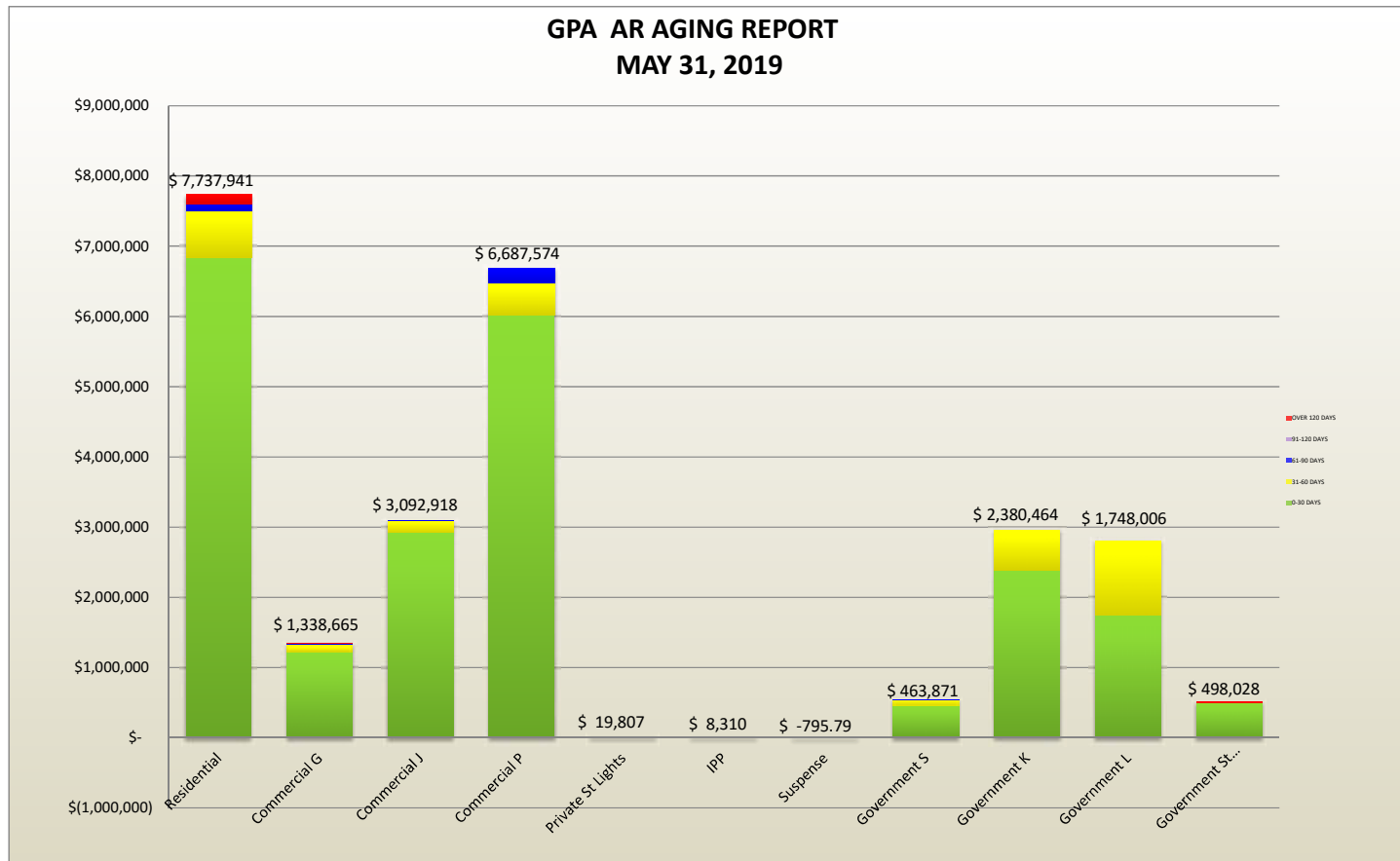


**GPA - Station Usage(MWH) With Renewables
For the Last 5 Years Thru 05.31.19 -Moving 12 Months**



**GPA - Station Usage(MWH) Without Renewables and Aggreko
For the Last 5 Years Thru 05.31.19-Moving 12 Months**





CCU Regular Meeting July 23, 2019 - GPA

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
Billing As of 06/30/2019 and Payments as of 07/10/2019

Current (06/19 Billing due 07/31/19)
30 days Arrears (5/31/19 due 06/30/19)
60 days and over Arrears (04/19 billing due 3/31/19)

CC&B ACCT NUMBER	CC&B New Acct Numer	DEPARTMENT	BALANCE 05/31/2019	CANCEL/REBILL/ SPEC CHARGE July 10, 2019	BILLING 06/30/2019	PAYMENT July 10, 2019	BALANCE 07/10/2019
Line Agencies							
0237100000	1073430238	Dept. of Corrections	88,255.45		84,268.29	(88,255.45)	84,268.29
0437100000	0040515913	Dept. of Parks & Rec.	22,086.24	143.80	21,648.05		43,878.09
0537100000	0453170939	Guam Fire Department	16,976.45	310.47	16,647.40	(17,030.51)	16,903.81
6995000000	8564647941	DOA Supply Mgmt (NET METERED)	1,339.70		1,676.44	(1,339.70)	1,676.44
7895000000	4211873236	Dept. of Administration	4,636.41		4,426.26	(4,636.41)	4,426.26
1337100000	4554808900	Nieves Flores Library	10,756.29		10,910.32	(10,756.29)	10,910.32
2206200000	9541109130	General Services Agency	270.02		257.29	(270.02)	257.29
2237100000	1621790133	DOA-Data Processing	9,414.97		8,874.99	(9,414.97)	8,874.99
2337100000	1896187753	Dept. of PH&SS	67,263.82	35.30	63,290.21	(67,263.82)	63,325.51
3237100000	7252821074	Dept. of Education	2,421,671.39	17,168.02	949,056.94	(1,191,118.78)	2,196,777.57
3337100000	0266069082	Guam Police Department	56,983.22		50,402.35	(56,983.22)	50,402.35
3569100000	6069461950	Dept of Youth Affairs (Federal)	916.73		768.93	(916.73)	768.93
4437100000	2913461537	Dept. of Youth Affair* (Local)	11,796.77		12,369.74	(11,796.77)	12,369.74
4737100000	3404311949	Guam Environmental Protect	7,244.84	54.33	6,865.53	(7,244.84)	6,919.86
5437100000	3227759982	Mental Health/Subst.	44,352.97	(12.03)	46,028.33	(44,340.94)	46,028.33
7200300000	0070861777	Veteran Affairs	1,174.05	8.81	1,083.52		2,266.38
	6243861917	GUAM VETERAN AFFAIRS OFFICE	-	32.79	2,561.96		2,594.75
7437100000	8300435373	Civil Defense (Military Affairs)	11,863.38	88.98	11,211.03		23,163.39
7463300000	7813165805	Pacific Energy Resource Center	749.83		650.24	(749.83)	650.24
8137100000	1595188609	Dept. of Agriculture	10,672.85		9,925.98	(10,672.85)	9,925.98
8337100000	2535590089	DPW-FAC Adm Account	30,957.44		30,677.38	(30,957.44)	30,677.38
8437100000	7928924534	Guam Visitors Bureau	4,766.43		4,541.76	(4,766.43)	4,541.76
8446300000	7663706771	Yona Senior Citizen Center	1,082.72		1,039.32	(1,082.72)	1,039.32
9437100000	4129948191	Dept of Chamorro Affairs/Chamorro Village	4,441.27	529.72	3,802.79	(4,441.27)	4,332.51
5247210000	5247210000	Mayors Council	3,129.81		8,524.65	(3,129.81)	8,524.65
6293410000	6293410000	Office of the Governor	29,567.43		26,971.54	(29,567.43)	26,971.54
8555858369	8555858369	Dept of Chamorro Affairs (Guam Museum)	24,373.25		23,416.73	(24,373.25)	23,416.73
	1099514147	Dept of Chamorro Affairs/Repository	405.75		292.78	(405.75)	292.78
	3558733700	Dept of Chamorro Affairs/Chamorro Village	-	455.92		-	455.92
		Sub Total	2,887,149.48	18,360.19	1,402,646.67	(1,621,515.23)	2,686,641.11
MAYORS							
0637100000	3832327736	Santa Rita Mayor	3,649.69		3,298.17	(3,649.69)	3,298.17
0737100000	9351070242	Ordot/Chalan Pago Mayor	1,426.35		1,435.46	(1,426.35)	1,435.46
1537100000	6393530237	Hagatna Mayor	2,002.76		1,708.07	(2,002.76)	1,708.07
1637100000	3293808984	Piti Mayor	1,196.70		1,284.24	(1,196.70)	1,284.24
1737100000	8715052935	Mongmong/Toto/Maite Mayor	1,642.72		1,645.25	(1,642.72)	1,645.25
2637100000	0492244686	Asan/Maina/Adelup Mayor	892.57		805.05	(892.57)	805.05
2737100000	8433959204	Sinajana Mayor	4,925.64		5,188.73	(4,925.64)	5,188.73
3637100000	8041715847	Dededo Mayor	7,026.23	33.16	6,689.27	(7,026.23)	6,722.43
4637100000	7037924246	Yigo Mayor	4,716.65		4,804.97	(4,716.65)	4,804.97
5637100000	7202265287	Umatac Mayor	1,491.33		1,412.08	(1,491.33)	1,412.08
6537100000	8472200165	Agana Hts. Mayor	5,148.39		4,046.23	(5,148.39)	4,046.23
6637100000	4469579998	Merizo Mayor	1,480.49		941.50	(1,480.49)	941.50
6737100000	5763167341	Barrigada Mayors Office	2,925.27		2,603.19	(2,925.27)	2,603.19
7537100000	7247791682	Agat Mayor	2,858.84	63.47	2,522.49	(2,858.84)	2,585.96
7637100000	6078244037	Inarajan Mayor	2,786.84		2,609.32	(2,786.84)	2,609.32
8537100000	6957205325	Tamuning Mayor	6,196.18		5,788.96	(6,196.18)	5,788.96
8637100000	1880297633	Talofoto Mayor	4,367.92	(1,296.44)	2,745.08	(4,367.92)	1,448.64
9537100000	3631627996	Mangilao Mayor	4,588.28		4,520.24	(4,588.28)	4,520.24
9637100000	1837525565	Yona Mayor	1,692.91		1,565.98	(1,692.91)	1,565.98
		Sub Total	\$ 61,015.76	\$ (1,199.81)	\$ 55,614.28	\$ (61,015.76)	\$ 54,414.47
DPW ACCOUNTS							
4337100000	3045433600	DPW-Village St. Lights	378,048.49		358,016.83	(378,048.49)	358,016.83
5337100000	0930959866	DPW- Primary St. Lights	88,059.85	660.38	83,219.15		171,939.38
6337100000	3088040552	DPW-Sec/Colt St. Lights	26,776.55	200.81	25,348.17		52,325.53
7337100000	0832698062	DPW-Signal Lights	10,421.97		9,606.91	(10,421.97)	9,606.91
		Sub Total	\$ 503,306.86	\$ 861.19	\$ 476,191.06	\$ (388,470.46)	\$ 591,888.65
(B) AUTONOMOUS/PUBLIC CORP							
1437100000	1540692986	Retirement Fund	7,040.45		6,849.67	(7,040.45)	6,849.67
1915500000	0563872892	Guam Housing Corp Rental Division	1,210.45	25.00	1,427.86	(1,210.45)	1,452.86
2437100000	5434075703	University of Guam	195,805.68	30.55	182,018.81	(195,836.23)	182,018.81
4237100000	7736362694	Guam Airport Authority	527,327.23		522,386.12	(527,327.23)	522,386.12
5357510000	5357510000	University of Guam (NET METERED)	83,651.31		77,083.89	(83,651.31)	77,083.89
6237100000	1699407298	G H U R A	15,528.78	8.65	25,780.53	(27,178.99)	14,138.97
6437100000	6518220019	Guam Community College	55,461.60		51,715.08	(55,461.60)	51,715.08
7237100000	8302337726	Guam Memorial Hospital	39,962.78		36,888.87	(39,962.78)	36,888.87
8426836906	8426836906	Guam Memorial Hospital (NET METERED)	146,839.39		140,804.18	(146,839.39)	140,804.18
9137100000	4474308144	Port Authority of Guam	103,779.44		95,255.31	(103,779.44)	95,255.31
9157510000	9157510000	Guam Community College (NET METERED)	39,269.08		35,509.64	(39,269.08)	35,509.64
9173210000	9173210000	Guam Solid Waste Authority	6,713.27		6,437.43	(6,713.27)	6,437.43
9337100000	0838495949	Guam Waterworks Authority	1,371,929.73	25.00	1,236,235.86	(1,372,147.86)	1,236,042.73
8237100000	4075914809	GPA	-		101,735.51	(101,735.51)	-
		Sub Total	\$ 2,594,519.19	\$ 89.20	\$ 2,520,128.76	\$ (2,708,153.59)	\$ 2,406,583.56

CCU Regular Meeting July 23, 2019 - GPA

(C) OTHERS						
0337100000	7541928173	Guam Legislature	545.55	(4.46)	520.30	515.84
9503154359	9503154359	Guam Legislature (NET METERED)	8,551.36		8,187.21	8,187.21
1237100000	8353274954	Superior Court of Guam	67,681.43		64,211.36	64,211.36
2537100000	8108458168	Guam Post Office (Agana)	6,574.48		6,444.70	6,444.70
2570200000	8972267005	Customs & Quarantine Agency	724.90	5.44	729.04	734.48
3537100000	4530787043	U.S. Post Office	39,635.91		39,129.15	39,129.15
5537100000	8607446612	Dept. of Military Affairs	81,420.78	610.66	79,301.90	79,912.56
3209463043	3209463043	Dept. of Military Affairs (NET METERED)	16,508.55	123.81	15,353.79	15,477.60
5737100000	6000770566	KGTF	7,388.06	55.41	7,104.12	7,159.53
7281000000	6602566745	Tamuning Post Office	5,344.37		5,169.39	5,169.39
Sub Total			\$ 234,375.39	\$ 790.86	\$ 226,150.96	\$ (234,375.39) \$ 226,941.82
GRAND TOTAL			\$ 6,280,366.68	\$ 18,901.63	\$ 4,680,731.73	\$ (5,013,530.43) \$ 5,966,469.61



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

Issues for Decision

Resolution No. 2019-10:

**RELATIVE TO AUTHORIZING THE MANAGEMENT OF THE GUAM POWER
AUTHORITY TO PETITION THE PUBLIC UTILITIES COMMISSION TO AWARD
THE CONTRACT FOR THE SUPPLY OF DIESEL FUEL OIL NO.2 FOR THE
BASELOADS POWER PLANTS AND PEAKING UNITS**

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

The Guam Power Authority's current contracts for Supply of Diesel Fuel Oil No.2 for the Baseload and Peaking Plants expire on December 31, 2019. The new fuel supply contracts are necessary to provide uninterrupted supply of fuel for the power plants.

Where is the location?

These contract service the Baseload and Peaking Power Plants which were split into four (4) specified delivery sites:

Site Location 1 (Yigo CT and Aggreko)

Site Location 2 (Macheche CT and Dededo CT)

Site Location 3 (Piti 7)

Site Location 4 (Cabras 1&2, MEC 8&9, Manenggon Diesel Plant, and Talofofo Diesel Plant)

How much will it cost?

The aggregate cost for the two-year contract base period with *Mobil Oil Guam for Sites 1, 3 & 4* is \$113,384,400 (subject to change depending on prevailing market price for diesel) of which \$12,254,800.00 is for the Fixed Service Fee cost.

The total cost for the two-year contract base period with *IP&E Holdings, LLC for Site 2* is estimated at \$33,280,000 (subject to change depending on prevailing market price for diesel) of which \$3,536,000.00 is for the Fixed Service Fee cost.

The aggregate *contract value* for all the site locations for the two-year contract base period is estimated at \$146,664,400 (subject to change depending on prevailing market price for diesel) of which *\$15,790,800.00 is for the Fixed Service Fee cost.*

When will it be completed?

Contract is a two-year base period with three one-year extension options.

What is its funding source?

LEAC

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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

RESOLUTION NO. 2019-10

AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO PETITION THE PUBLIC UTILITIES COMMISSION TO AWARD THE CONTRACT FOR THE SUPPLY OF DIESEL FUEL OIL NO.2 FOR THE BASELOADS POWER PLANTS AND PEAKING UNITS

WHEREAS, Diesel Fuel Oil No.2 is used by GPA's baseload plants and peaking units for plant operations; and

WHEREAS, GPA's final extension of the current contract with Mobil Oil Guam, Inc. for the supply of Diesel Fuel Oil No.2 under GPA-029-14 will expire on December 31, 2019; and

WHEREAS, in anticipation of this expiration date, GPA was authorized by the CCU under Resolution No. 2017-33 and approved by the PUC under Docket 17-18 to issue bids for the procurement of a new Diesel Fuel Oil No.2 supply contract; and

WHEREAS, the Procurement Officer has provided adequate public announcement for the need for such supply services through Invitation for Bid No. GPA-008-18 describing the type of supply services required and specifying the type of information and data required of each offeror; and

WHEREAS, Mobil Oil Guam, Inc. ("Mobil") and Isla Petroleum and Energy ("IP&E") Holdings, LLC were the only qualified bidders that submitted price proposals for GPA consideration; and

WHEREAS, price proposals were evaluated for four (4) specified delivery sites: **Site Location 1** (*Yigo CT and Aggreko*), **Site Location 2** (*Macheche CT and Dededo CT*), **Site Location 3** (*Piti 7*), and **Site Location 4** (*Cabras 1&2, MEC 8&9, Manenggon Diesel Plant, and Talofofo Diesel Plant*); and

WHEREAS, Mobil Oil Guam was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 1** (*Yigo CT and Aggreko*) as

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provided for in **Exhibit A**. The Fixed Service Fee of \$0.226/gal is approximately 7% lower than the current Fixed Service Fee of \$0.242/gal. The estimated Fixed Service fee cost based on the estimated supply quantities has a value of approximately \$3,842,000.00 for the first year and \$3,842,000.00 for the second year for a total of \$7,684,000.00 for the two-year contract base period. The estimated savings in Fixed Service Fee for the 2-year period is approximately \$544,000.00; and

WHEREAS, IP&E Holdings, LLC was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 2 (Macheche CT and Dededo CT)** as provided for in **Exhibit B**. The Fixed Service Fee of \$0.221/gal is approximately 9% lower than the current Fixed Service Fee of \$0.242/gal. The estimated Fixed Service fee cost based on the estimated supply quantities has a value of approximately \$1,768,000.00 for the first year and \$1,768,000.00 for the second year for a total of \$3,536,000.00 for the two-year contract base period. The estimated savings in Fixed Service Fee for the 2-year period is approximately \$336,000.00; and

WHEREAS, Mobil Oil Guam was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 3 (Piti 7)** as provided for in **Exhibit C**. The Fixed Service Fee of \$0.215/gal is approximately 18% lower than the current Fixed Service Fee of \$0.262/gal. The estimated Fixed Service fee cost based on the estimated supply quantities has a value of approximately \$1,720,000.00 for the first year and \$1,720,000.00 for the second year for a total of \$3,440,000.00 for the two-year contract base period. The estimated savings in Fixed Service Fee for the 2-year period is approximately \$752,000.00; and

WHEREAS, Mobil Oil Guam was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 4 (Cabras 1&2, MEC 8&9, Manenggon Diesel Plant, and Talofofo Diesel Plant)** as provided for in **Exhibit D**. The Fixed Service Fee of \$0.257/gal is approximately 6% higher than the current Fixed Service Fee of \$0.242/gal. The estimated Fixed Service fee cost based on the estimated supply quantities has a value of approximately \$565,400.00 for the first year and \$565,400.00 for the second year for a total of \$1,130,800.00 for the two-year contract base period. *The estimated cost increase in Fixed Service Fee for the 2-year period is approximately \$66,000.00; and*

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62 **WHEREAS**, the aggregate contract value for all the site locations for the two-year contract base
63 period is estimated at **\$146,664,400.00** (subject to change depending on prevailing market price for
64 diesel) of which **\$15,790,800.00** is for the Fixed Service Fee cost; and

65
66 **WHEREAS**, the *total savings* for the two-year contract base period for all the site locations is
67 estimated at **\$1,566,000.00**; and

68
69 **WHEREAS**, the Diesel Fuel Oil No.2 Supply Contract shall be for a period of two years to commence
70 on January 1, 2020 and shall expire on December 31, 2021 with three one-year extension options
71 renewable annually upon mutual agreement of both parties; and

72
73 **NOW THEREFORE, BE IT RESOLVED**, by the CONSOLIDATED COMMISSION ON UTILITIES subject
74 to the review and approval of the Public Utilities Commission as follows:

- 75
76 1. The General Manager of the Guam Power Authority is hereby authorized to enter into a two-
77 year contract with **Mobil Oil Guam, Inc.** for supply of Diesel Fuel Oil No.2 for **Site Location 1**
78 (*Yigo CT and Aggreko*), **Site Location 3 (Piti 7)** and **Site Location 4 (Cabras 1&2, MEC 8&9,
79 *Manenggon Diesel Plant, and Talofofo Diesel Plant)*. The aggregate contract cost for the two-
80 year contract base period with Mobil Oil Guam is estimated at **\$113,384,400.00** of which
81 \$101,129,600.00 is for the direct fuel cost (subject to change depending on prevailing market
82 price for diesel) and \$12,254,800.00 is for the Fixed Service Fee cost.**
- 83
84 2. The General Manager of the Guam Power Authority is hereby authorized to enter into a two-
85 year contract with **IP&E Holdings, LLC** for supply of Diesel Fuel Oil No.2 for **Site Location 2**
86 (*Macheche CT and Dededo CT*). The total contract cost for the two-year contract base period
87 with IP&E Holdings, LLC is estimated at **\$33,280,000.00** of which \$29,744,000.00 is for the
88 direct fuel cost (subject to change depending on prevailing market price for diesel) and
89 \$3,536,000.00 is for the Fixed Service Fee cost.
- 90
91 3. The General Manager of the Guam Power Authority is hereby authorized an increase in
92 obligating authority to the annual value of the services and execute such agreements and
93 documents necessary for a contract with **Mobil Oil Guam, Inc.** and **IP&E Holdings, LLC**. The
94 over-all contract cost for the two-year contract base period with **Mobil Oil Guam, Inc.** and

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95 **IP&E Holdings, LLC** is estimated at **\$146,664,400.00** (subject to change depending on
96 prevailing market price for diesel).

97
98 **RESOLVED**, that the Chairman of the Commission certifies and the Board Secretary of this
99 Resolution.

100
101 **DULY and REGULARY ADOPTED AND APPROVED THIS this 23rd DAY of July 2019**
102

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

MICHAEL LIMTIACO
Secretary
Consolidated Commission on Utilities

103
104 **I, Michael Limtiaco**, Secretary for the Consolidated Commission on Utilities (CCU), as evidenced
105 by my signature above do certify as follows:

106
107 The foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting
108 of the members of Guam Consolidated Commission on Utilities, duly and legally held at the meeting
109 place properly noticed and advertised at which meeting a quorum was present and the members who
110 were present voted as follows:

111
112 Ayes: _____
113
114 Nays: _____
115
116 Absent: _____
117
118 Abstain: _____

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EXHIBIT A**SITE LOCATION 1: YIGO CT AND AGGREKO**

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.226	\$0.226	\$0.231	\$0.235	\$0.240
IP&E Guam, LLC	\$0.282	\$0.282	\$0.282	\$0.282	\$0.282

2-YEAR CONTRACT BASE PERIOD	Current Contract MOG	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
a. Estimated Quantity (gal/yr) ¹	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	34,000,000	34,000,000
b. Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
c. Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.242</u>	<u>\$0.226</u>	<u>\$0.282</u>	<u>\$0.226</u>	<u>\$0.282</u>	<u>\$0.226</u>	<u>\$0.282</u>
d. Estimated Contract Price (\$/gal)	\$2.101	\$2.085	\$2.141	\$2.085	\$2.141	\$2.085	\$2.141
e. Estimated Contract Cost, \$/yr (a x d)	\$ 35,717,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 70,890,000.00	\$ 72,794,000.00
f. Fixed Service Fee Cost, \$/yr (a x c)	\$4,114,000.00	\$3,842,000.00	\$4,794,000.00	\$3,842,000.00	\$4,794,000.00	\$7,684,000.00	\$9,588,000.00
g. Variance w/ Current Contract		(\$272,000.00)	\$680,000.00	(\$272,000.00)	\$680,000.00	(\$544,000.00)	\$1,360,000.00
		-7% (Savings)	17% (Additional Expense)	-7% (Savings)	17% (Additional Expense)	(Savings)	(Additional Expense)

Ranking (1 as the Lowest Bidder)**1****2**Based on the analysis for the two (2) year contract base period, the lowest bidder is **Mobil Oil Guam, Inc.**

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities² See Bid Package: Volume II- Section 5 for Sample Reference Price (\$1.859/gal)

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EXHIBIT B**SITE LOCATION 2: MACHECHE CT & DEDEDO CT**

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.260	\$0.260	\$0.265	\$0.271	\$0.276
IP&E Guam, LLC	\$0.221	\$0.221	\$0.224	\$0.227	\$0.230

2 year Base Contract	Current Contract IP&E	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
a. Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
b. Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
c. Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.242</u>	<u>\$0.260</u>	<u>\$0.221</u>	<u>\$0.260</u>	<u>\$0.221</u>	<u>\$0.260</u>	<u>\$0.221</u>
d. Estimated Contract Price (\$/gal)	\$2.101	\$2.119	\$2.080	\$2.119	\$2.080	\$2.119	\$2.080
e. Estimated Contract Cost, \$/yr (a x d)	\$ 16,808,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 33,904,000.00	\$ 33,280,000.00
f. Fixed Service Fee Cost, \$/yr (a x c)	\$ 1,936,000.00	\$2,080,000.00	\$1,768,000.00	\$2,080,000.00	\$1,768,000.00	\$4,160,000.00	\$3,536,000.00
g. Variance w/ Current Contract		\$144,000.00	(\$168,000.00)	\$144,000.00	(\$168,000.00)	\$288,000.00	(\$336,000.00)
		7%	-9%	7%	-9%	(Additional Expense)	(Savings)
		(Additional Expense)	(Savings)	(Additional Expense)	(Savings)	(Additional Expense)	(Savings)
Ranking (1 as the Lowest Bidder)						2	1

Based on the analysis for the two (2) year contract base period, the lowest bidder is IP&E Guam.

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities² See Bid Package: Volume II- Section 5 for Sample Reference Price (\$1.859/gal)

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EXHIBIT C**SITE LOCATION 3: PITI 7**

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.215	\$0.215	\$0.219	\$0.224	\$0.228
IP&E Guam, LLC	\$0.249	\$0.249	\$0.252	\$0.255	\$0.258

2 year Base Contract	Current Contract IP&E	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
a. Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
b. Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
c. Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.262</u>	<u>\$0.215</u>	<u>\$0.249</u>	<u>\$0.215</u>	<u>\$0.249</u>	<u>\$0.215</u>	<u>\$0.249</u>
d. Estimated Contract Price (\$/gal)	\$2.121	\$2.074	\$2.108	\$2.074	\$2.108	\$2.074	\$2.108
e. Estimated Contract Cost, \$/yr (a x d)	\$ 16,968,000.00	\$16,592,000.00	\$16,864,000.00	\$16,592,000.00	\$16,864,000.00	\$33,184,000.00	\$33,728,000.00
f. Fixed Service Fee Cost, \$/yr (a x c)	\$ 2,096,000.00	\$1,720,000.00	\$1,992,000.00	\$1,720,000.00	\$1,992,000.00	\$3,440,000.00	\$3,984,000.00
g. Variance w/ Current Contract		(\$376,000.00)	(\$104,000.00)	(\$376,000.00)	(\$104,000.00)	(\$752,000.00)	(\$208,000.00)
		-18%	-5%	-18%	-5%		
		(Savings)	(Savings)	(Savings)	(Savings)	(Savings)	(Savings)
Ranking (1 as the Lowest Bidder)						1	2

Based on the analysis for the two (2) year contract base period, the lowest bidder is **Mobil Oil Guam, Inc.**

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities² See Bid Package: Volume II- Section 5 for Sample Reference Price (\$1.859/gal)

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EXHIBIT D**SITE LOCATION 4: CABRAS 1&2, MEC 8&9, MANENGGON, AND TALOFOFO**

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.257	\$0.257	\$0.262	\$0.268	\$0.273
IP&E Guam, LLC	\$0.300	\$0.300	\$0.303	\$0.307	\$0.310

2 year Base Contract	Current Contract MOG	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 Mobil Oil Guam, Inc.	Bidder #2 IP&E Holdings, LLC	Bidder #1 Mobil Oil Guam, Inc.	Bidder #2 IP&E Holdings, LLC	Bidder #1 Mobil Oil Guam, Inc.	Bidder #2 IP&E Holdings, LLC
a. Estimated Quantity (gal/yr) ¹	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	4,400,000	4,400,000
b. Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
c. Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.242</u>	<u>\$0.257</u>	<u>\$0.300</u>	<u>\$0.257</u>	<u>\$0.300</u>	<u>\$0.257</u>	<u>\$0.300</u>
d. Estimated Contract Price (\$/gal)	\$2.101	\$2.116	\$2.159	\$2.116	\$2.159	\$2.116	\$2.159
e. Estimated Contract Cost, \$/yr (a x d)	\$ 4,622,200.00	\$4,655,200.00	\$4,749,800.00	\$4,655,200.00	\$4,749,800.00	\$9,310,400.00	\$9,499,600.00
f. Fixed Service Fee Cost, \$/yr (a x c)	\$ 532,400.00	\$565,400	\$660,000	\$565,400	\$660,000	\$1,130,800.00	\$1,320,000.00
g. Variance w/ Current Contract		\$33,000.00	\$127,600.00	\$33,000.00	\$127,600.00	\$66,000.00	\$255,200.00
		6%	24%	6%	24%	(Additional Expense)	(Additional Expense)
Ranking (1 as the Lowest Bidder)						1	2

Based on the analysis for the two (2) year contract base period, the lowest bidder is **MOBIL OIL GUAM, INC.**

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities² See Bid Package: Volume II- Section 5 for Sample Reference Price (\$1.859/gal)

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EXHIBIT E**Historical Contract Fixed Service Fees**

Contract Number	Contract Period	Contractor/Supplier	Fixed Service Fee Cost (\$/gal)							
			Aggreko	Yigo CT	Macheche CT	Dededo CT	Piti 7	Baseloads	MDI	Talofofo
GPA-008-18	Jan 2020-Dec 2021	Mobil Oil Guam	\$0.226	\$0.226			\$0.215	\$0.257	\$0.257	\$0.257
GPA-008-18	Jan 2020-Dec 2021	IP&E Guam			\$0.221	\$0.221				
GPA-029-14	Jan 2014-Dec 2019	Mobil Oil Guam	\$0.242	\$0.242	\$0.242	\$0.242	\$0.262	\$0.262	\$0.242	\$0.242
GPA-050-09	Dec 2009-Nov 2014	IP&E Guam		\$0.661	\$0.661	\$0.661				
GPA-050-09	Dec 2009-Nov 2012	Shell Guam		\$0.278	\$0.278	\$0.278				
GPA-049-09	Dec 2012-Dec 2014	IP&E Guam					\$0.661	\$0.661	\$0.661	\$0.661
GPA-049-09	Dec 2009-Nov 2012	Shell Guam					\$0.601	\$0.661	\$0.660	\$0.601
GPA-037-06	Dec 2006-Nov 2009	Shell Guam					\$0.379	\$0.944	\$0.904	\$0.904
GPA-034-06	Dec 2006-Nov 2009	Shell Guam		\$0.454	\$0.454	\$0.454				
GPA-036-03	Oct 2003-Sep 2008	Shell Guam							\$0.149	\$0.149
GPA-036-03	Oct 2003-Nov 2006	Mobil Oil Guam					\$0.123	\$0.155		
GPA-022-01	Oct 2001-Nov 2006	Shell Guam		\$0.149	\$0.149	\$0.149				
GPA-118-99	Oct 1999-Sep 2003	Mobil Oil Guam							\$0.069	\$0.069
GPA-117-99	Oct 1999-Sep 2003	Mobil Oil Guam						\$0.157		
GPA-116-99	Oct 1999-Sep 2003	Shell Guam					\$0.072			
GPA-149-98	Oct 1998-Sep 2001	Shell Guam		\$0.065	\$0.065	\$0.065				

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IFB GPA-008-18: PRICE PROPOSAL ANALYSIS

SITE LOCATION 1:

YIGO CT & AGGREKO

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	34,000,000	34,000,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.242	\$0.226	\$0.282	\$0.226	\$0.282	\$0.226	\$0.282
Estimated Contract Price (\$/gal)	\$2.101	\$2.085	\$2.141	\$2.085	\$2.141	\$2.085	\$2.141
Estimated Contract Cost (\$/yr)	\$ 35,717,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 70,890,000.00	\$ 72,794,000.00
Fixed Service Fee Cost (\$/yr)	\$4,114,000.000	\$3,842,000.000	\$4,794,000.000	\$3,842,000.000	\$4,794,000.000	\$7,684,000.000	\$9,588,000.000
Variance w/ Current Contract		(\$272,000.00) -7%	\$680,000.00 17%	(\$544,000.00) -7%	\$680,000.00 17%	(\$544,000.00) (Savings)	\$1,360,000.00 (Additional Expense)
Ranking (1 as the Lowest Bidder)						1	2

SITE LOCATION 2:

MACHECHE CT & DEDEDO CT

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (Name)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.242	\$0.260	\$0.221	\$0.260	\$0.221	\$0.260	\$0.221
Estimated Contract Price (\$/gal)	\$2.101	\$2.119	\$2.080	\$2.119	\$2.080	\$2.119	\$2.080
% of Reference Price	13%	14%	12%	14%	12%	14%	12%
Estimated Contract Cost (\$/yr)	\$ 16,808,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 33,904,000.00	\$ 33,280,000.00
Fixed Service Fee Cost (\$/yr)	\$ 1,936,000.00	\$2,080,000.00	\$1,768,000.00	\$2,080,000.00	\$1,768,000.00	\$4,160,000.00	\$3,536,000.00
Variance w/ Current Contract		\$144,000.00 4%	(\$168,000.00) -9%	\$144,000.00 7%	(\$168,000.00) -9%	\$288,000.00 (Additional Expense)	(\$336,000.00) (Savings)
Ranking (1 as the Lowest Bidder)						2	1

SITE LOCATION 3:

PITI 7

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (Name)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.262	\$0.215	\$0.249	\$0.215	\$0.249	\$0.215	\$0.249
Estimated Contract Price (\$/gal)	\$2.121	\$2.074	\$2.108	\$2.074	\$2.108	\$2.074	\$2.108
% of Reference Price	14%	12%	13%	12%	13%	12%	13%
Estimated Contract Cost (\$/yr)	\$ 16,968,000.00	\$16,592,000.00	\$16,864,000.00	\$16,592,000.00	\$16,864,000.00	\$33,184,000.00	\$33,728,000.00
Fixed Service Fee Cost (\$/yr)	\$ 2,096,000.00	\$1,720,000	\$1,992,000	\$1,720,000	\$1,992,000	\$3,440,000.00	\$3,984,000.00
Variance w/ Current Contract		(\$376,000.00) -18%	(\$104,000.00) -5%	(\$376,000.00) -18%	(\$104,000.00) -5%	(\$752,000.00) (Savings)	(\$208,000.00) (Savings)
Ranking (1 as the Lowest Bidder)						1	2

SITE LOCATION 4:

CABRAS 1&2, MEC 8&9, MANENGON, AND TALOFOFO

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	4,400,000	4,400,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.242	\$0.257	\$0.300	\$0.257	\$0.300	\$0.257	\$0.300
Estimated Contract Price (\$/gal)	\$2.101	\$2.116	\$2.159	\$2.116	\$2.159	\$2.116	\$2.159
% of Reference Price	13%	14%	16%	14%	16%	14%	16%
Estimated Contract Cost (\$/yr)	\$ 4,622,200.00	\$4,655,200.00	\$4,749,800.00	\$4,655,200.00	\$4,749,800.00	\$9,310,400.00	\$9,499,600.00
Fixed Service Fee Cost (\$/yr)	\$ 532,400.00	\$565,400	\$660,000	\$565,400	\$660,000	\$1,130,800.00	\$1,320,000.00
Variance w/ Current Contract		\$33,000.00 6%	\$127,600.00 24%	\$33,000.00 6%	\$127,600.00 24%	\$66,000.00 (Additional Expense)	\$255,200.00 (Additional Expense)
Ranking (1 as the Lowest Bidder)						1	2

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities² See Bid Package: Volume II- Section 5 for Sample Reference Price (\$1.859/gal)

Over-all:

SUMMARY 1: Contract Cost

Lowest per Location	\$ 56,692,200.000	\$ 16,640,000.00	\$ 56,692,200.000	\$ 16,640,000.00	\$ 113,384,400.000	\$ 33,280,000.00
					\$146,664,400.00	

SUMMARY 2: Fixed Service Fee Cost

Lowest per Location	\$ 6,127,400.000	\$1,768,000.00	\$ 6,127,400.000	\$1,768,000.00	\$ 12,254,800.000	\$3,536,000.00
					\$15,790,800.00	

SUMMARY 3: Savings

Lowest bid per Location	(\$615,000.00)	(\$168,000.00)	(\$615,000.00)	(\$168,000.00)	\$ (1,230,000.000)	\$ (336,000.00)
					(\$1,566,000.00)	

CCU Regular Meeting July 23, 2019 - GPA

IFB GPA-008-18: PRICE PROPOSAL ANALYSIS

SITE LOCATION 1:

YIGO CT & AGGREKO

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	34,000,000	34,000,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.242	\$0.226	\$0.282	\$0.226	\$0.282	\$0.226	\$0.282
Estimated Contract Price (\$/gal)	\$2.101	\$2.085	\$2.141	\$2.085	\$2.141	\$2.085	\$2.141
Estimated Contract Cost (\$/yr)	\$ 35,717,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 70,890,000.00	\$ 72,794,000.00
Fixed Service Fee Cost (\$/yr)	\$4,114,000.000	\$3,842,000.000	\$4,794,000.000	\$3,842,000.000	\$4,794,000.000	\$7,684,000.000	\$9,588,000.000
Variance w/ Current Contract		(\$272,000.00)	\$680,000.00	(\$272,000.00)	\$680,000.00	(\$544,000.00)	\$1,360,000.00
		-7%	17%	-7%	17%	(Savings)	(Additional Expense)
Ranking (1 as the Lowest Bidder)						1	2

SITE LOCATION 2:

MACHECHE CT & DEDEDO CT

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (Name)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.242	\$0.260	\$0.221	\$0.260	\$0.221	\$0.260	\$0.221
Estimated Contract Price (\$/gal)	\$2.101	\$2.119	\$2.080	\$2.119	\$2.080	\$2.119	\$2.080
% of Reference Price	13%	14%	12%	14%	12%	14%	12%
Estimated Contract Cost (\$/yr)	\$ 16,808,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 33,904,000.00	\$ 33,280,000.00
Fixed Service Fee Cost (\$/yr)	\$ 1,936,000.00	\$2,080,000.00	\$1,768,000.00	\$2,080,000.00	\$1,768,000.00	\$4,160,000.00	\$3,536,000.00
Variance w/ Current Contract		\$144,000.00	(\$168,000.00)	\$144,000.00	(\$168,000.00)	\$288,000.00	(\$336,000.00)
		4%	-9%	7%	-9%	(Additional Expense)	(Savings)
Ranking (1 as the Lowest Bidder)						2	1

SITE LOCATION 3:

PITI 7

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.262	\$0.215	\$0.249	\$0.215	\$0.249	\$0.215	\$0.249
Estimated Contract Price (\$/gal)	\$2.121	\$2.074	\$2.108	\$2.074	\$2.108	\$2.074	\$2.108
% of Reference Price	14%	12%	13%	12%	13%	12%	13%
Estimated Contract Cost (\$/yr)	\$ 16,968,000.00	\$16,592,000.00	\$16,864,000.00	\$16,592,000.00	\$16,864,000.00	\$33,184,000.00	\$33,728,000.00
Fixed Service Fee Cost (\$/yr)	\$ 2,096,000.00	\$1,720,000	\$1,992,000	\$1,720,000	\$1,992,000	\$3,440,000.00	\$3,984,000.00
Variance w/ Current Contract		(\$376,000.00)	(\$104,000.00)	(\$376,000.00)	(\$104,000.00)	(\$752,000.00)	(\$208,000.00)
		-18%	-5%	-18%	-5%	(Savings)	(Savings)
Ranking (1 as the Lowest Bidder)						1	2

SITE LOCATION 4:

CABRAS 1&2, MEC 8&9, MANENGGON, AND TALOFOFO

2 year Base Contract	Current Contract MOG	1st CONTRACT YEAR		2nd CONTRACT YEAR		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	4,400,000	4,400,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	\$0.242	\$0.257	\$0.300	\$0.257	\$0.300	\$0.257	\$0.300
Estimated Contract Price (\$/gal)	\$2.101	\$2.116	\$2.159	\$2.116	\$2.159	\$2.116	\$2.159
% of Reference Price	13%	14%	16%	14%	16%	14%	16%
Estimated Contract Cost (\$/yr)	\$ 4,622,200.00	\$4,655,200.00	\$4,749,800.00	\$4,655,200.00	\$4,749,800.00	\$9,310,400.00	\$9,499,600.00
Fixed Service Fee Cost (\$/yr)	\$ 532,400.00	\$565,400	\$660,000	\$565,400	\$660,000	\$1,130,800.00	\$1,320,000.00
Variance w/ Current Contract		\$33,000.00	\$127,600.00	\$33,000.00	\$127,600.00	\$66,000.00	\$255,200.00
		6%	24%	6%	24%	(Additional Expense)	(Additional Expense)
Ranking (1 as the Lowest Bidder)						1	2

Notes:

¹ See Bid Package: Volume II - Schedule B for Estimated Quantities

² See Bid Package: Volume II - Section 5 for Sample Reference Price (\$1.859/gal)

Over-all:

SUMMARY 1: Contract Cost						\$ 113,384,400.00	\$ 33,280,000.00	Lowest cost if awarded to lowest bidder per Location (Consistent with requirement in Volume I- Section 2.13)
Lowest per Location	\$	56,692,200.000	\$	16,640,000.00	\$	56,692,200.000	\$	16,640,000.00
						\$146,664,400.00		
SUMMARY 2: Fixed Service Fee Cost								
Lowest per Location	\$	6,127,400.000	\$	1,768,000.00	\$	6,127,400.000	\$	1,768,000.00
						\$ 12,254,800.000	\$ 3,536,000.00	
						\$15,790,800.00		
SUMMARY 3: Savings								
Lowest bid per Location		(\$615,000.00)	(\$168,000.00)	(\$615,000.00)	(\$168,000.00)	\$ (1,230,000.000)	\$ (336,000.00)	Savings if awarded to lowest bidder per Location (Consistent with requirement in Volume I- Section 2.13)
						\$1,966,000.00		



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

Issues for Decision

Resolution No. 2019-11

Relative to Authorizing Expenditure for the Out of Service Inspection and Refurbishment of GPA Bulk Storage Fuel Tanks

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

The project's objective is to comply with regulatory requirements. GPA will comply with the regulatory requirements by procuring services for the bulk storage fuel tanks out of service inspection and refurbishment to ensure the structural integrity and safe operations of the tanks. The project also includes upgrading of the facility's auxiliary system to assure uninterrupted supply of fuel for the power plants. The last internal inspection was conducted in 2007 and inspections are required every ten (10) years. Upon completion of the project, they will be utilized to store ULSD fuel to supply Piti Power Plant 7 and upon ULSD conversion for Piti Power Plants 8 and 9 and the proposed 180 MW power plant.

On September 25, 2018 CCU approved Resolution 2018-20 authorizing GPA to solicit competitive bids for the Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment through an Invitation for Bid process and to petition the PUC for approval to issue bids to procure a contractor for the project. Then on October 25, 2018 the PUC approved GPA's petition to issue an Invitation for Bid related to the procurement of Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment.

Where is at?

GPA Bulk Storage Fuel Tanks Facility at Piti, Guam.

How much will it Cost?

The anticipated cost is \$8,969,510.00 for Tristar Agility contract.

What is its funding Source?

Cabras 3&4 Insurance Proceeds

When will it be completed?

The anticipated schedule is as follows:

Planned Start:	August, 2019
Planned Finish:	August, 2021
Duration:	24 months



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. 2019-11

**RELATIVE TO AUTHORIZING EXPENDITURE FOR THE OUT OF SERVICE INSPECTION AND
REFURBISHMENT OF GPA BULK STORAGE FUEL TANKS**

WHEREAS, the Guam Power Authority (GPA) operates and maintains the bulk storage fuel tanks located at Piti, Guam, which are managed by the current Contractor, Isla Petroleum and Energy Holdings, LLC (IP&E) and are used to supply fuel to GPA's base load units; and

WHEREAS, the bulk storage fuel tanks last underwent internal inspection and refurbishment in 2007; and

WHEREAS, the tanks appurtenances including auxiliary equipment are required to be assessed, recalibrated and refurbished to comply with regulatory requirements; and

WHEREAS, upon completion of the out of service/internal inspection and refurbishment of the bulk storage fuel tanks, they will be utilized to store ULSD fuel to supply Piti Power Plant 7 and upon ULSD conversion for Piti Power Plants 8 and 9 and the proposed 180 MW power plant; and

WHEREAS, on September 25, 2018 CCU approved Resolution 2018-20 authorizing GPA to solicit competitive bids for the Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment through an Invitation for Bid process and to petition the PUC for approval to issue bids to procure a contractor for the project.

WHEREAS, on October 25, 2018 the PUC approved GPA's petition to issue an Invitation for Bid related to the procurement of Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment.

WHEREAS, the Procurement Officer has provided adequate public announcement for the Out of Service Inspection and Refurbishment of GPA Bulk Storage Tanks through Bid Invitation No. GPA-028-19; and,

WHEREAS, a sole qualified bidder submitted a bid for GPA's consideration (Attached Exhibit "A"); and

WHEREAS, GPA's Evaluation Committee has determined Tristar Agility to be the responsible and responsive bidder at a cost of \$8,969,510.00.

1 **WHEREAS**, the award of the contract to Tristar Agility has been made pursuant to a
2 written finding by the Procurement Officer that the Tristar Agility's offer meets the
3 requirements of GPA and has been determined to be fair and reasonable.

4 **WHEREAS**, the total cost exceeds the \$ 1.5M threshold requiring GPA to seek contract
5 approval and authorization from PUC; and

6 **WHEREAS**, GPA is requesting the approval of the CCU to petition the PUC for the
7 approval to award the contract to Tristar Agility for the Out of Service Inspection and
8 Refurbishment of GPA Bulk Storage Fuel Tanks; and,

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

- 11 1. GPA's request to award the contract to Tristar Agility for the Out of Service
12 Inspection and Refurbishment of GPA Bulk Storage Fuel Tanks is reasonable and
13 prudent.
- 14 2. GPA is authorized to petition the Public Utilities Commission for approval to award
15 the contract to Tristar Agility for the Out of Service Inspection and Refurbishment of
16 the GPA Bulk Storage Fuel Tanks.
- 17 3. Upon PUC approval, the General Manager is hereby authorized obligating authority
18 of \$8,969,510.00 for the purpose of securing out of service inspection and
19 refurbishment services for the GPA Bulk Storage Fuel Tanks utilizing the Cabras 3&4
20 Insurance Proceeds.

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

23 **DULY AND REGULARLY ADOPTED AND APPROVED THIS 23RD DAY OF JULY, 2019.**

24 Certified by:

Attested by:

25
26 _____
27 JOSEPH T. DUENAS

28 Chairperson

29 Consolidated Commission on Utilities

MICHAEL T. LIMTIACO

Secretary

Consolidated Commission on Utilities

30
31
32 **I, Michael T. Limtiaco**, Secretary for the Consolidated Commission on Utilities (CCU), as
33 evidenced by my signature above do certify as follows:

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

5 Ayes: _____

6 Nays: _____

7 Absent: _____

8 Abstain: _____

NUMBER OF INVITATIONS ISSUED:

7

NUMBER OF BIDS RECEIVED:

1

INVITATION NUMBER:

GPA-020-19

OPENING DATE:

04/30/2019 2:00 PM

PROCUREMENT DIVISION

GUAM POWER AUTHORITY

ABSTRACT OF BIDS

ATTACHMENT A - ABSTRACT OF BIDS
(OUT OF SERVICE INSPECTION AND REFURBISHMENT
OF GPA BULK STORAGE FUEL TANKS)DESCRIPTION OF SUPPLIES OR SERVICES: Out of Service Inspection
& Refurbishment of GPA Bulk Storage Fuel Tanks

Vendor Name: GUAM POWER AUTHORITY

No. 1

BID GUARANTEE:

() Bid Bond #: Amount \$

() Certificate of Authority () Power of Attorney

(X) Standby Letter of Credit # 01-SB-15349 Amount \$ 1,520,000.00

() Letter of Credit # Amount \$

() Cashier's or Certified Check # Amount \$

() Wire Transfer

() Statement of Qualifications

(X) Affidavits (Original Form)

() Affidavits (Copy Form): Originals submitted with

(X) Major Shareholders (X) Non-Collusion (X) No Gratuities or Kickbacks

(X) Ethical Standards (X) Wage Determination (X) Restriction Against Sex Offenders

() 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: D. Luf DATE: 4/30/19PAGE 1 OF 1
☐ Lowest Responsive Bidder
☐ Tie Bid
☐ Only Bid
☐ Other Than Lowest Responsive Bidder

NAMES OF PERSONS PRESENT AT THE BID OPENING AND WHOM THEY REPRESENT			
PRINT NAME:	COMPANY NAME:	SIGNATURE:	DATE:
1manuel m. minas	GPA ENCLC-PM		
2 HONORIO JUN' ESTIRA	GPA ENCLC/PM		
3 OSCAR R. EVANGELISTA	GPA ENCLC/PM		
4 Brian Park	Tristar Terminal Guam, Inc		
5 VINEK KUMAR	TRISTAR TERMINALS GUAM INC.		
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