



**CONSOLIDATED COMMISSION ON UTILITIES**

Guam Power Authority | Guam Waterworks Authority  
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | [guamccu.org](http://guamccu.org)

**Regular Board Meeting**  
**CCU Conference Room, Gloria B. Nelson Public Service Building**  
**5:30 p.m., Tuesday, August 24, 2021**

**AGENDA \*AMENDED**

1. **CALL TO ORDER**
2. **APPROVAL OF MINUTES**
3. **PUBLIC COMMENTS [*Limit to 2 minutes*]**
4. **GPA**
  - 4.1 **GM Report**
  - 4.2 **Financials**
  - 4.3 **GPA Resolution 2021-22 & GWA Resolution 25-FY2021 Relative to Governor's Executive Order on Mandatory Vaccination for Employees of GPA and GWA**
  - 4.4 **Resolution 2021-23 Approval of FY2022-2023 GPA Budgets**
  - \*4.5 **Resolution 2021-24 GDOE/GPA Memorandum of Agreement**
5. **GWA**
  - 5.1 **GM Report**
  - 5.2 **Financials**
  - 5.3 **GWA Resolution No. 25-FY2021 & GPA Resolution No. 2021-22 Requiring Guam Waterworks Authority and Guam Power Authority Employees to be Fully Vaccinated Against SARS-CoV-2**
  - 5.4 **Resolution No. 26-FY2021 Adoption of Guam Waterworks Authority Interim Fiscal Year 2022 Operating Budget**
  - 5.5 **Resolution No. 27-FY2021 Approval of Amendment to Updating the Guam Waterworks Authority Overtime Policy for Exempt Employees**
6. **OTHER DISCUSSION**
  - 6.1 **CCU Rules Update**
7. **ANNOUNCEMENTS**
  - 7.1 **Next CCU Meetings: GWA WS: Sept 21; GPA WS: Sept 23; CCU Mtg: Sept 28**
8. **ADJOURNMENT**



## CONSOLIDATED COMMISSION ON UTILITIES

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**Regular Board Meeting**  
**CCU Conference Room, Gloria B. Nelson Public Service Building**  
**5:30 p.m., Tuesday, July 27, 2021**

### MINUTES

#### 1. CALL TO ORDER

The CCU Chairman called the July 27, 2021 CCU Regular Meeting to order at 5:30 p.m. He said four [4] Commissioners were present for a quorum and that Comm. Santos off-island and excused. Others in attendance include:

#### Commissioners:

Joseph T. Duenas	CCU Chairman
Michael T. Limtiaco	CCU Secretary
Simon A. Sanchez	Commissioner
Peter Roy Martinez	Commissioner

#### Executive Mgmt.:

John Benavente	GM / GPA
Miguel Bordallo	GM / GWA
Melinda Mafnas	AGMO / GPA
Tricee Limtiaco	AGMA / GPA
Chris Budasi	AGMA / GWA
John J. Cruz	AGMET / GPA – Online
John Kim	CFO / GPA
Taling Taitano	CFO / GWA
Graham Botha	Legal Counsel / GPA

#### Management & Staff:

Vien Wong	IT Support / GPA
Vlad Navasca	IT Support / GPA
Patti Diego	Communications / GPA – Online
Heidi Ballendorf	Communications / GWA
Vangie Lujan	Compliance & Safety / GWA
Ann Borja-Gallarde	Management Analyst IV / GWA Ex. Office
Joyce Sayama	Management Analyst / GPA Ex. Office
Lou Sablan	Board Secretary / CCU

#### Guest:

Annmarie Muna	AM Insurance
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Tricia Granillo	AM Insurance
Jeff Johnson	PUC Commissioner
PNC News	Online
Steve Limtiaco	PDN - Online

## 2. APPROVAL OF MINUTES

The Minutes of May 25, 2021 was presented for approval.

Comm. Limtiaco motioned to approve the Minutes subject to verification and written correction, second by Comm. Martinez. There was no other discussion or objection and the motion passed 4 ayes / 1 absent.

## 3. PUBLIC COMMENTS

Mae and John Flores addressed a problem with their water meters that has been happening for 6 years. They requested that four water meters for their property Lot 10061-11-R3, Tracat 143 in Dededo be relocated to within the confines of their property. The water meter is currently located alongside a narrow strip of road leading to their property where vehicles and dump trucks drive often causing damage to the meters and piping. In Feb/Mar 2020 GWA moved the four water meters 21 feet from its original location and was advised by GWA to hire a certified plumber to complete the relocation at their own expense. The estimated cost for the completion of the relocation is \$53,000 and the Flores' said they cannot afford to complete the relocation. They are addressing the situation today in hopes that the Commission will assist with an alternative plan to resolve the problem.

GM Miguel Bordallo referenced GWA's service rules and regulations that require charges such as this to be borne by the customer. Field verification was done and the rules and regs do apply in this case. The GM did advise Mr. Flores that GWA could do the work to relocate the meters and only charge him at cost price with payment in installments but he did not agree. Subsequently, the meters were relocated to prevent the kind of damage that Mr. Flores was complaining about but is still near the right of way and placed closest to edge and off the pavement on the grass.

Comm. Duenas reiterated to Mr. Flores that according to the GM, GWA has address the complaint of meters being damaged.

Mr. Flores said there are other customers in the area with the same problem and they confirmed with him that their meters were moved by GWA and there was no related cost for the relocation. He said this happened in 2018 and he has photos as proof. His neighbors confirmed to him that GWA did not charge them for the relocation. GM Bordallo said that if Mr. Flores has any documentation regarding this matter to please provide it to him so GWA Internal Auditor can do an investigation. Mr. Flores confirmed that yes he had documentation and will provide it to Ms. Ann Borja.

Comm. Limtiaco said aside from concern relative to damage to pipes what advantage is it to get the pipes closer to the customer's house. The Flores's responded that should there be a leak between the meter and the house it could be very costly to repair being the meter is 300 ft. away.

GM Bordallo said that if GWA's line replacement program is in the vicinity of Mr. Flores' property that GWA could possibly do something during the upgrade but he does not know if the area coincides with any replacement program in the immediate future adding it could be possibly 2-3 years and asked Mr. Flores if he could wait that long.

Comm. Duenas said he would talk with GM Bordallo to look at what can be done, if anything, and would get back to Mr. or Mrs. Flores.

4. **GWA**

4.1 **GM Report – Not discussed.**

4.2 **Financials – Npt discussed.**

4.3 **Resolution 24-FY2021 Relative to Amendment Indefinite Delivery / Indefinite Quantity Professional Utility Mgmt and Financial Consulting Services Contract**

GWA Docket 19-08 FY20 Rate Decision required seven analytical studies to inform a Comprehensive Review and Update (CR&U) of GWA's Five-Year Financial Plan prior to FY2022. GWA awarded the Galardi-Rothstein Group an indefinite delivery, indefinite quantity utility management and financial consulting services contract in response to RFP 2020-01. Services include the preparation of the Demand Forecasting, Capital Financing, and Affordability / Rate Design studies, the preparation of the Rate Application Model, and related financial consulting program management services.

In view of the Guam Public Utilities Commission (PUC) consultant's response to the submission of the studies, rate application model, and the updated financial plan, it has become apparent that significant additional hours will be necessary to respond to the PUC consultant's analysis and ensure that the PUC issues a decision and order prior to the start of FY2022. The additional work required to ensure GWA is appropriately responsive to the PUC's consultants in the adjudication of the CR&U will bring the total cost of the work above the General Manager's procurement authority. The objective is to authorize the additional work necessary to complete the adjudication of the docket prior to October 1, 2021.

It is urgent and necessary for the PUC to act timely in this matter to ensure GWA is able to obtain the needed rate relief to continue operations, maintain our debt service coverage, and move forward with planned system improvements as we recover from the effects of the Pandemic.

Additionally, support related to the initiation of the alternative capital financing and affordability program options identified in the analytical studies will be needed if approved by the PUC. This will likely include the establishment of a tax-exempt commercial paper program as well as customer assistance programs; most of the work should occur by the first quarter of CY2021.

The contract is associated with CR&U of the Five-Year Financial Plan, recommended alternative capital financing and affordability program options as proposed in the analytical studies, and resultant PUC rate order that will impact GWA operations as a whole.

Comm. Sanchez inquired when this expense is converted to regular assets is it amortized over time, the GM said GWA anticipates that this amount of time will be established with the rate orders.

Comm. Sanchez motioned to approve Resolution 24-FY2021, second by Comm. Martinez.

Comm. Limtiaco inquired re objectives PUC consultant response re additional funding did this come about due to PUC review of these deliverables and the GM said yes. There were several workshops that were requested and the consultants had to be brought in for this.

On the motion there was no further discussion and the motion passed 4 ayes / 1 absent.

The GM reminder the Commission of the One Guam Presentation at 9 a.m. Thursday, 7/29 - presentation will take 90 minutes



5. GPA

5.1 GM Report – Not discussed.

5.2 Financials – Not discussed.

5.3 Resolution 2021-16 Approval Re New Checking Account with Bank of Guam for GPA's Energy Sense (DSM) Program

Several attempts to pass fraudulent checks under the checking account for the Energy Sense Fund were intercepted and identified. These fraudulent checks totaled more than \$56,000. The applications for the Energy Sense Rebate Program has averaged 600 submissions per month in fiscal year 2021.

The Bank of Guam is now manually reviewing all checks clearing through this account on a daily basis. In light of the seriousness of this fraudulent activity and the number of rebates applications received, the Bank of Guam has recommended that GPA close the current account and open a new checking account in order to prevent the current perpetrators from continuing their fraudulent activities against this account.

As a result of this fraudulent activity, GPA has enrolled the two disbursement accounts with Bank of Guam's Positive Pay program. The initial fee was \$100 for both of the accounts and a recurring fee of \$25 per month per account for the service. Once the new account is established, it will be covered by this program.

Comm. Sanchez motioned to pass Resolution 2021-10, second by Comm. Limtiaco

In discussion Comm. Sanchez asked if GPA was out of any money and CFO Kim said that the bank caught the transaction before any loss. GPA was reversed about \$50,000.

Comm. Limtiaco asked what was nature the nature of the fraudulent checks asking if it was GPA checks or manufactured checks. CFO Kim said the bank said a check was created using GPA's account number.

Comm. Duenas said this resolution will create a separate acct just for DSM; CFO Kim confirmed yes.

Comm. Limtiaco asked if this account related to GPA's main account and CFO Kim said no that this was strictly for the Deman Side Management account.

Comm. Martinez asked of this account is still active and Comm. Kim said yes until all outstanding checks have cleared.

On the motion the vote was 4 ayes / 1 absent and Resolution 2021-18 passed.

5.4 Resolution 2021-17 Approval for Change Order on Tank 1935 Out of Service Inspection and Recertification

The project involves the internal inspection and refurbishment of the bulk storage fuel tanks and appurtenances. The tanks need to undergo the required internal inspection to comply with regulatory requirements and refurbish as necessary 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 inspection was conducted in 2007. Inspections are required to be performed every ten (10) years. During the tank draining more sludge than anticipated was discovered.

This change order is for Tank 1935, which originally was used to store HSFO. The tank is located at GPA's Fuel Tank Farm in Piti.

It was mentioned that the cost would be \$10,742.720.65 per the following breakdown:

A	1935 Current Tank Content	3,148	barrels
B	Assumed 70.05% of Tank Content is Sludge	2,220	barrels
C	Previously Approved Contract for Sludge Disposal	701	barrels
	B - C	1,519	barrels
	Disposal Costs @ \$790/barrel	X \$790.00	
	<b>Change Order Cost</b>	<b>\$1,200,010.00</b>	
	Previously Approved Contract Cost	\$9,542,710.06	
		<b>\$10,742,720.56</b>	

Tank 1935 Sludge Removal, Inspection, Repairs, Sandblasting and Painting is anticipated to be completed by December 2021. Revenue funds will be utilized for this change order amount.

Comm. Martinez motioned to approve Resolution 2021-17, second by Comm. Limtiaco there was no further discussion or objection and the motion passed 4 ayes, 1 absent.

#### 5.5 **Resolution 2021-18 ULSD Storage Agreement – Amendment 2 (Tank 1907 lease)**

For the purpose of ensuring adequate inventory of ULSD to meet the supply requirements of the Piti 8 & 9 and the Ukudu plants, GPA intends to lease an additional storage tank of 196,000-barrels capacity from Tristar Terminals Guam, Inc (hereinafter referred to as “TTGI”). The tank storage location is in Agat.

GPA is seeking the approval of the CCU for the lease of the additional 196,000-barrel capacity storage tank, for an annual cost of approximately \$1,764,000 for the first year, and \$1,176,000 annually for the extension years, excluding handling and throughput fees. The funding source for this expense is revenue funds.

Comm. Martinez motioned to approve Resolution 2021-18, second by Comm. Limtiaco. There was no further discussion or objection and the motion passed 3 ayes and 2 absent.

For the record Comm. Sanchez left the meeting before the vote.

#### 5.6 **Resolution 2021-19 RFO Supply Contract – Amendment 1 (0.2%ULSFO)**

GPA entered into a contract under GPA-050-20, for the Supply of Residual Fuel Oil No.6 with Hyundai Corporation (hereinafter referred to as the “Contractor”). The term of the contract is for an initial period of three (3) consecutive years to commence on September 01, 2020 and to expire in August 31, 2023, with option to extend for 2 additional years. The fuel grades to be supplied under the contract consist of the Low Sulfur Fuel Oil (“LSFO”) with a sulfur limit of 1.19% by weight and High Sulfur Fuel Oil (“HSFO”) with a sulfur content limit of 2.00% by weight, respectively.

The Consent Decree between GPA and USEPA requires GPA to substitute the LSFO and HSFO and transition to Ultra-Low Sulfur Fuel Oil (“ULSFO”) with a sulfur limit of 0.2% by weight, no later than December 31, 2022.

The estimated Fixed Premium Fee cost for the 0.2% ULSFO based on the estimated commodity price and annual supply quantity of 1,500,000 barrels (235,849 metric tons) has a value of approximately \$18,632,075 per year.

The estimated contract unit cost for the 0.2% ULSFO based on the estimated commodity price of \$80.710 per barrel (or \$601.290 per metric ton @ 7.45 bbl/MT) plus the Fixed Premium Fee of \$79.000 per metric ton is equivalent to \$680.290 per metric ton.

The estimated annual contract cost based on the estimated annual supply quantity has a value of approximately \$160,445,636 per year.

Comm. Martinez motioned to approve Resolution 2021-19, second by Comm. Limtiaco. There was no further discussion or objection and the motion passed 3 ayes, 2 absent.

**5.7      Resolution 2021-20 Proposed Amendment of Consent Decree between GPA and USEPA**

The U.S. Environmental Protection Agency (USEPA) filed a complaint against GPA alleging violations of the Clean Air Act ("CAA"), and on April 20, 2020, the Court entered a negotiated Consent Decree to resolve the alleged violations of the CAA. The COVID-19 pandemic has adversely impacted GPA's ability to timely fulfill some of the Consent Decree compliance requirements. The pandemic's impacts, which include the government of Guam's quarantine requirements and travel restrictions, have also impacted GPA's energy partners in Asia and hindered Guam's administrative operations, including the permitting and historic preservation work needed to fulfill the Consent Decree requirements.

The State Implementation Plan ("SIP") requires GPA to be in compliance by April 2023 by switching to a lower sulfur fuel, and in order to reach attainment with federal standards for sulfur dioxide emissions, GPA has agreed to transition to a fuel that is "cleaner" than the fuel required under the existing Consent Decree. Specifically, GPA has agreed to transition to a fuel with sulfur content of no greater than 0.2% to power Cabras Units 1 and 2 until their retirement. This will substantially reduce emissions as compared to the low sulfur residual fuel oil ("RFO") allowed by the Consent Decree.

The parties have agreed to certain modifications of the Consent Decree, most of which pertain to the schedules for implementing the injunctive relief required by the Decree.

In addition to CCU approval, the amendment to the Consent Decree must be authorized by the Assistant Attorney General for the Environment and Natural Resources Division of the Department of Justice. Once the Department of Justice (DOJ) files the amendment to the consent decree with the United States District Court of Guam, a public notice will be published in the Federal Register, after which the public will have 30 days in which to submit comments. After the close of the public comment period, the DOJ, in coordination with EPA, will respond to any comments submitted and request that the Court approve the amendment to the Consent Decree as an order of the court.

Comm. Sanchez motioned to approve Resolution 2021-20, second by Comm. Martinez. There was no further discussion or objection and the motion passed. The vote was 4 ayes and 1 absent.

**5.8      Resolution 2021-21 Authorization to Request Exemption of Cabras Diesel Plant from Public Law 22-023, Section 5, Prohibiting Generators within 1,500' of a school.**

The U.S. Environmental Protection Agency (USEPA) filed a complaint against GPA alleging violations of the Clean Air Act ("CAA"), and on April 20, 2020, the Court entered the Consent Decree to resolve the alleged violations of the CAA. The Consent Decree requires Guam Power Authority ("GPA") to construct the Ukudu power plant and associated 41MW diesel units by April 30, 2024. The diesel units were required to be relocated to the Cabras industrial on Lot 261 to ensure that the Ukudu power plant could be constructed using a minor source permit. The proposed construction area on Lot 261 is within 1200 feet of Jose Rios School. The new 41MW diesel plant is for emergency/peaking use, and will use clean burning ULSD. This site is within the Cabras industrial area, and was deeded to GPA by the US Navy in March 1976 for operation of fuel oil storage and a steam power plant. An exemption is needed for the construction on Lot 261, as §8119, Title 12, Guam Code Annotated, provides that "no power generation facility, with a capacity in excess of one (1) megawatt and utilizing fossil fuels, may be constructed within one thousand five-hundred feet (1,500') of a school." In order for construction to proceed on Lot 261, an exemption is needed from the Guam Legislature. GPA has prepared a proposed bill that would grant an exemption from the provisions of §8119 for the construction of the 41MW diesel units burning ULSD on Lot 261.

Comm. Martinez motioned to pass Resolution 2021-21, second by Comm. Limtiaco.

Comm. Limtiaco asked the GM if legislation is warranted or not and the GM said that is correct but GPA but this has been brought up in the past and in order to circumvent any glitches he would like to stay ahead of the game with clean fuel and compliance. His intent is to be proactive and not give KEPCO or any other party to delay the power plant.

Comm. Duenas said that per the map Cabras 8&9 is within the 1500' and the GM concurred.

Relative to the proposed legislation Comm. Limtiaco made recommendation to amend the legislative findings that by doing this the net emissions will go down when Cabas 1&2 is shut down to plead GPA's case. The GM said he will consider all the comments provided and expand the proposed legislation accordingly. The Chairman said more research has to be completed to ensure that the lot numbers referenced are accurate. The legislative findings must be beefed up. The Chairman asked that the revised legislative findings be reviewed by the Commission.

On the motion there was no further discussion or objection and the motion passed 3 ayes, 2 absent.

There was discussion on the GDOE/GPA Memorandum of Agreement. Comm. Limtiaco asked clarification about the scope of work and if the help is only on the energy side. The GM said that the scope involves a gamut of different things adding that GPA to include engineering assistance and capital investment needs to assist the Superintendent.

Comm. Limtiaco commented that he thinks he is missing something and didn't realize that the scope was in depth. There was discussion about costs and the GM said this factor will be included in the agreement. Comm. Limtiaco asked how GPA benefits in this. The GM said that for so long GPA has always been badgered about not helping the schools being more energy efficient and to help put the schools achieve energy efficiency. GPA is volunteering and this is the GM's proposal to help GDOE succeed. The GM said if we are going to do this, it has to be done right. If the Commission concurs the GM will develop the Memorandum of Agreement.

The Chairman said that GDOE has to take the lead and tell GPA what their priorities are, they need to hire their own engineers and other needed professionals. The Chairman said we are trying to assist then because we have some expertise but they need to reimburse GPA any related costs and GDOE has to take the lead. The Chairman said that he does not want the work with GDOE to impeded GPA and GWA's service to the ratepayers. He said he supports this effort because we want GDOE to become more energy efficient and cut waste. Comm. Limtiaco said the GM has a lot on his plate with the Okudo power plant. The GM said that is true but he is saying this is not an issue; he would never jeopardize GPA.

## 6 OTHER DISCUSSION

### 6.1 CCU Rules Update – No discussion

## 7 ANNOUNCEMENTS

### 7.1 Next CCU Meetings

The next meeting for the Commission is the GWA Work Session on August 17<sup>th</sup>; GPA Work Session on August 19<sup>th</sup> and the Regular August CCU Meeting on the 24<sup>th</sup>.

## 8 ADJOURNMENT

There being no other business to bring before the Commission the meeting adjourned at 7:34 p.m.

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Attested

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JOSEPH T. DUENAS, Chairman

\_\_\_\_\_  
MICHAEL T. LIMTIACO, Secretary

# GM REPORT

## August 2021



# Generation Status

2

## 1. Reserve Margin Forecast for August 2021:

Projected Available Capacity: 351 MW

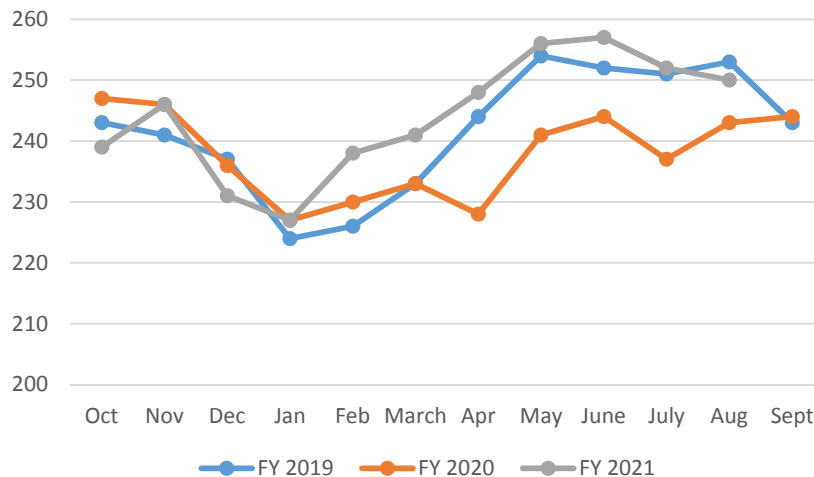
Projected Demand: 250 MW

Anticipated Reserve Margin: 101 MW

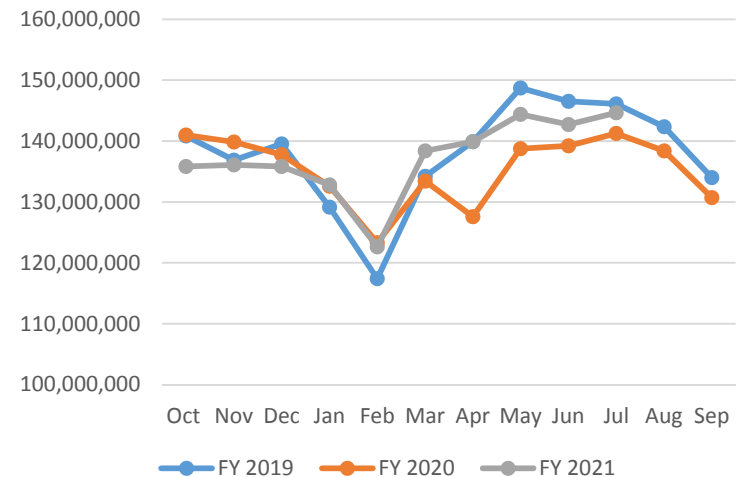
- Yigo CT (20 MW) Undergoing commissioning performance and emission test expected to be completed by end of month. Currently available for emergencies.

## 2. FY 2021 Production Characteristics :

Peak MW Demand  
Thru August 12, 2021



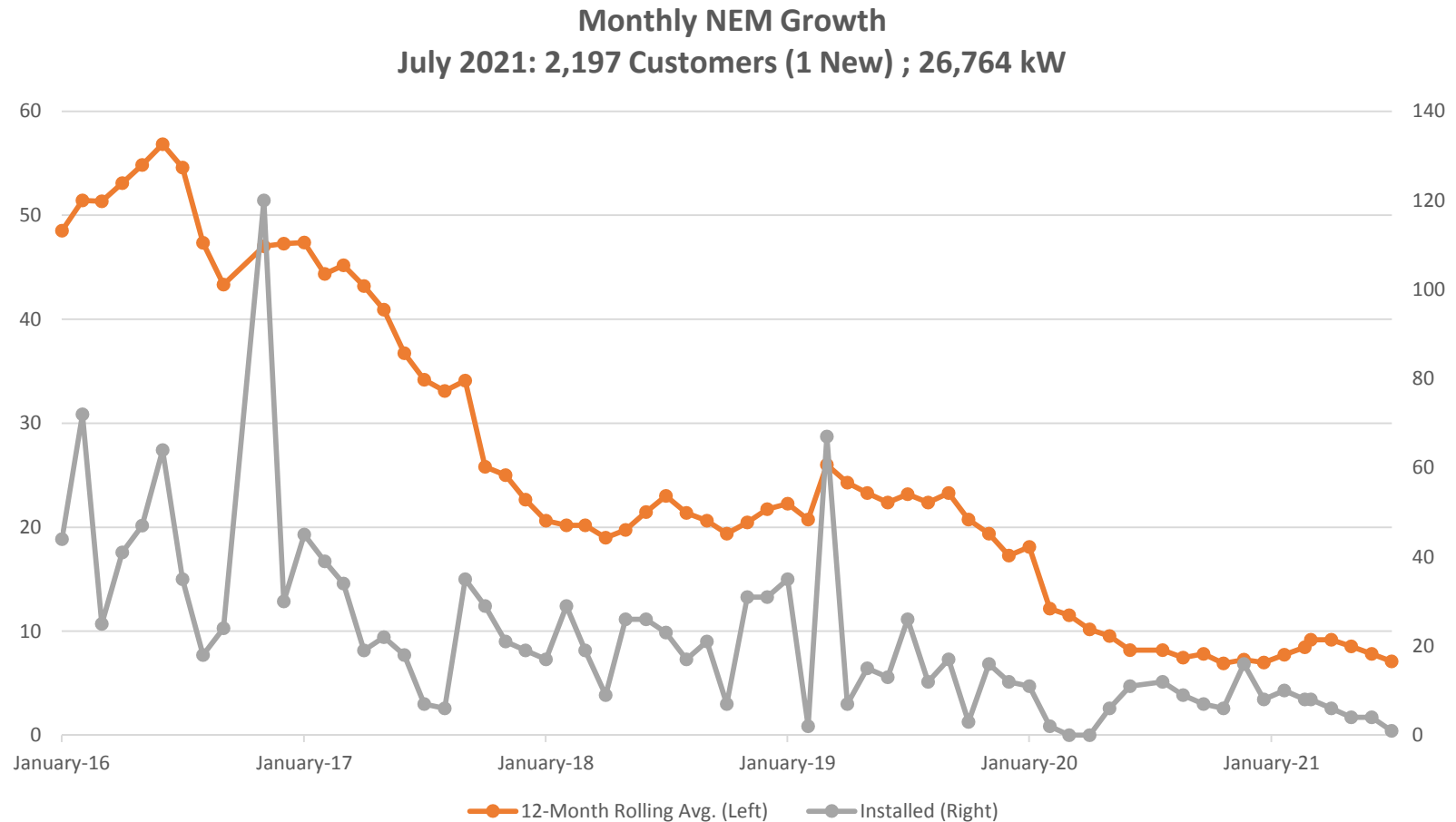
Net kWh Generation  
Thru July 2021



# Net Metering

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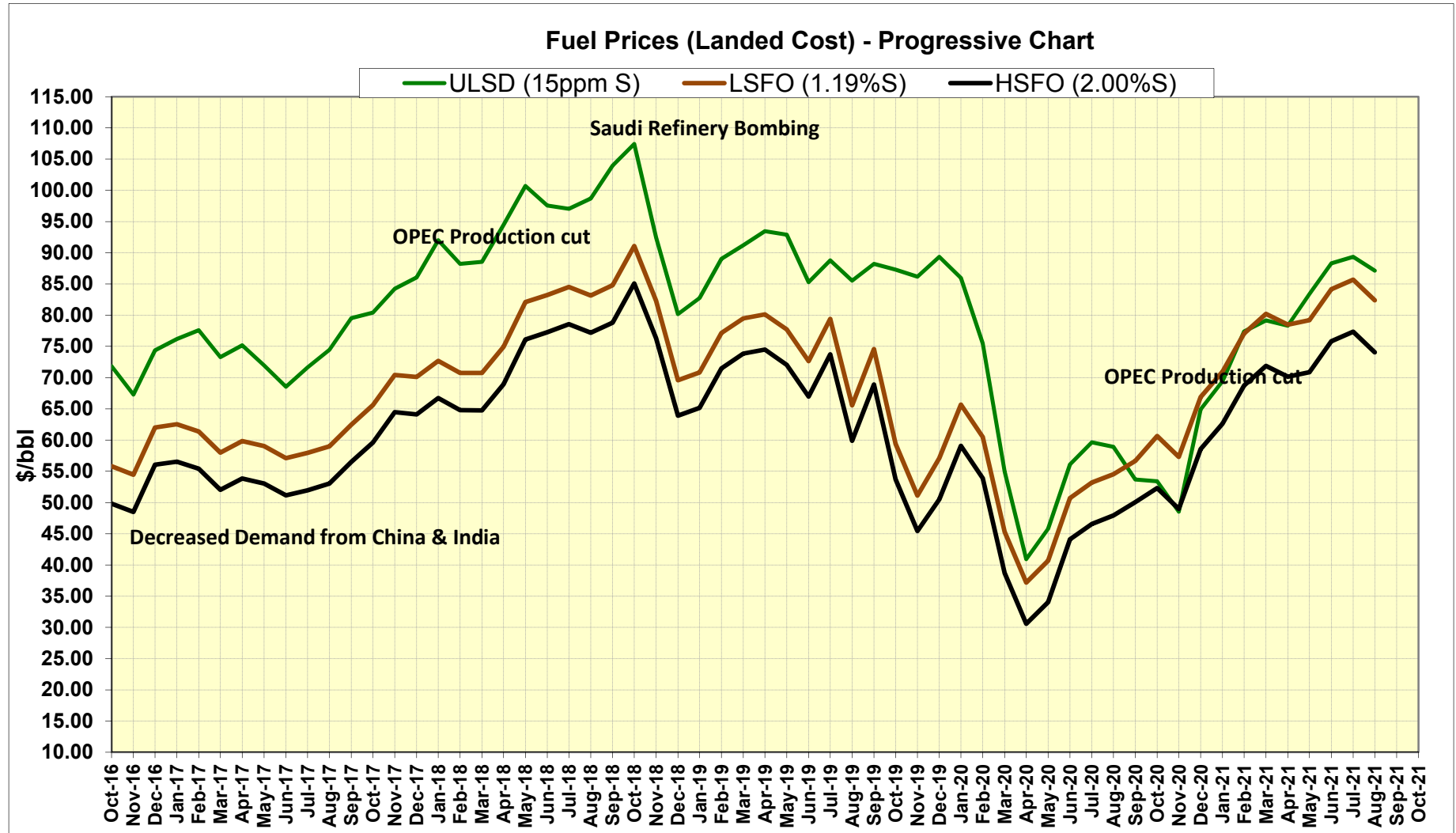
## 3. Net Metering (NEM) Growth Thru July 2021:



# GPA Fuel Landed Cost (Per Barrel) Aug 13, 2021

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4. HSRFO \$74.06; LSRFO \$82.40; ULSD \$87.12





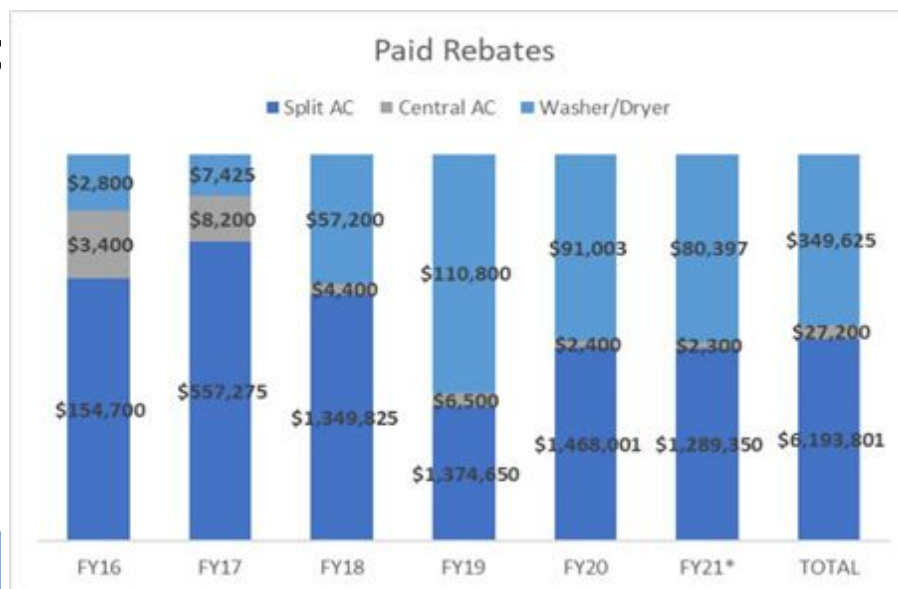
# Demand Side Management (DSM)

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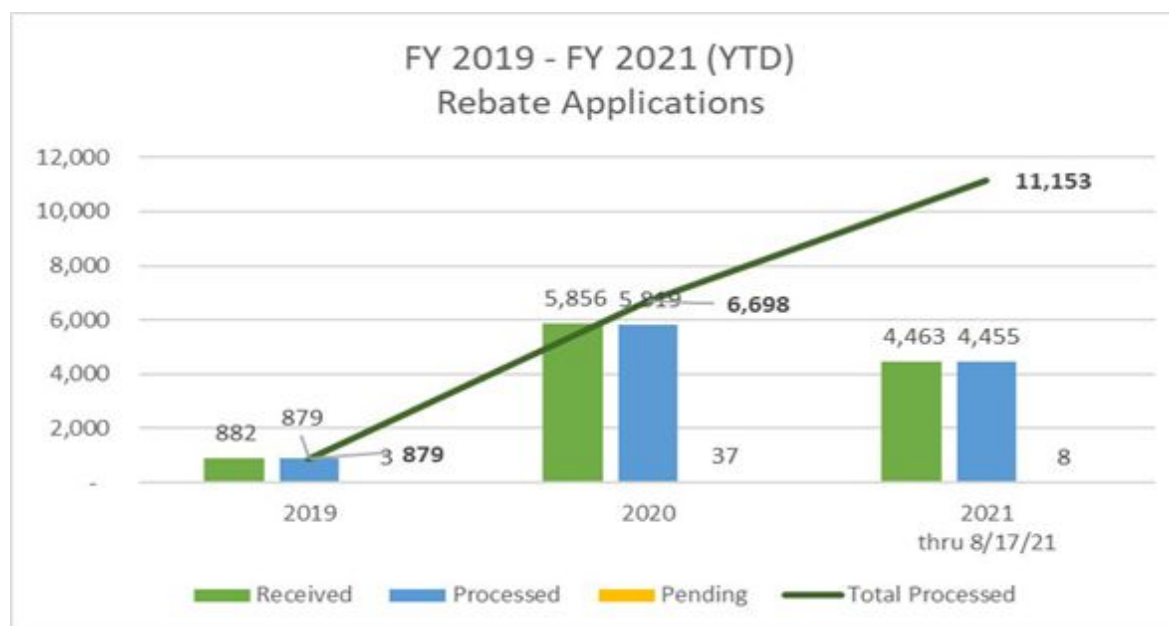
## 5. DSM Funding as of July 31, 2021:

	FY21* thru 7/31/21	FY16-FY21 YTD TOTAL	
Regular/OT Pay	\$ 136,013.19	\$ 293,857.19	4.1%
Other Contractual	\$ 72,650.00	\$ 306,481.05	4.3%
Ads & Radio Announcements		\$ 9,000.00	0.1%
Paid Rebates - Split AC	\$ 1,289,350.00	\$ 6,193,801.00	86.3%
Paid Rebates - Central AC	\$ 2,300.00	\$ 27,200.00	0.4%
Paid Rebates - Washer/Dryer	\$ 80,397.00	\$ 349,625.00	4.9%
<b>Total Expenses</b>	<b>\$ 1,580,710.19</b>	<b>\$ 7,179,964.24</b>	
Bank Interest (+)	\$ 254.25	\$ 6,044.87	
Bank Fees	\$ 401.00	\$ 5,623.32	

**DSM Ending Balance (LEAC Funds): \$1,308,963.18**



## 6. DSM Rebate Application Report 2019 to 2021:



# General Manager's Report (cont'd)

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## 7. PUC Update:

### Current GPA Dockets on PUC Agenda (August 26, 2021):

- GPA Docket 21-16, Petition to Approve the Contract with Tristar Terminals Guam, Inc. for the Lease of an Additional Storage Tank for Diesel Fuel
- GPA Docket 21-17, Petition to Approve the Amendment to the Contract for Residual Fuel Oil No. 6 for the Baseload Power Generating Plants

### Disposition of Previous GPA Dockets:

- GPA Docket 21-11, Contract Extension for Printing Services **Approved**
- GPA Docket 21-15, Bond Refinancing, **Disapproved - pending legislative approval**
- GPA Docket 21-13, Request for Proposal (RFP) for Engineering, Procurement Construction Mgmt (EPCM) for New Power Plant, **Approved**
- GPA Docket 21-14, LEAC Adjustment, **Three-step process approved:**

Aug 1, 2021	Oct 1, 2021	Dec 1, 2021
<b>\$0.1304 per kWh</b>	<b>\$0.1508 per kWh</b>	<b>\$0.1714 per kWh</b>

## 8. LEAC Grant

- Governor Leon Guerrero authorized the transfer of \$15M to GPA to be used to alleviate the LEAC increase for ratepayers, thereby allowing the 3-step increase to be held below 10% for each step. This is the first pandemic assistance grant to GPA ratepayers.

Thank you, Governor!!

## 9. Phase III Renewable Project Update:

- GlidePath filed an appeal in the Superior Court of the OPA's decision which favored a GPA award to Engie for 40 MW of solar with full energy shifting ESS. Arguments are scheduled to begin September 22, 2021 in Superior Court.



# General Manager's Report (cont'd)

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## 10. New Power Plant Update: GPA Activities

### Completed:

- ECA Amendment: Signed on March 17, 2021.
- Archaeological & Cultural Requirements:
  - ✓ Revised Research Design for pipeline and transmission line routes submitted to GHPO
  - ✓ Revised Archaeological Inventory Survey
  - ✓ Resolution on Section 106 process between Navy/SHPO/GPA
- Environmental Requirements:
  - ✓ Baseline noise study for Piti 41 MW diesel generator plant site.

### Ongoing / Pending:

- Archaeological & Cultural Requirements:
  - ✓ Section 106 process for cultural survey on Navy properties (bull cart trails along pipeline route and Harmon Substation)
  - ✓ Cultural Survey for boring scope for all project areas outside the plant site boundary
  - ✓ Cultural Survey for construction area. Pending Section 106 process resolution
  - ✓ Cultural survey and boring for proposed site in Piti for diesel generator relocation
- Water & Wastewater Requirements:
  - ✓ Water Supply and Discharge Agreement Review
  - ✓ Coordinate with GWA on Change of Law issues due to update NPDES permit affecting discharge of wastewater from cooling system
  - ✓ Follow up with KEPCO-EWP/Doosan on phosphate treatment proposal to address change in law issue.
- Other:
  - ✓ Buffer Zone Exemption for Piti 41 MW diesel generator plant site (GPA).

### Critical Path & Risk Items

#### Cultural Survey

(SHPO Approvals Required)

- Approx. 17 miles of pipeline requires approval for boring and construction excavation.
- Pipeline construction research design development and GHPO approval
- Section 106 process required for Navy properties
  - 3 of 5 bull cart trail properties are in developed (paved) areas

#### Delays on permit approvals

- Construction Permits
- Air Permits
- NPDES Permit

#### Construction Mitigation

For any wetland, biological, cultural or other findings during construction (unknowns)



# General Manager's Report (cont'd)

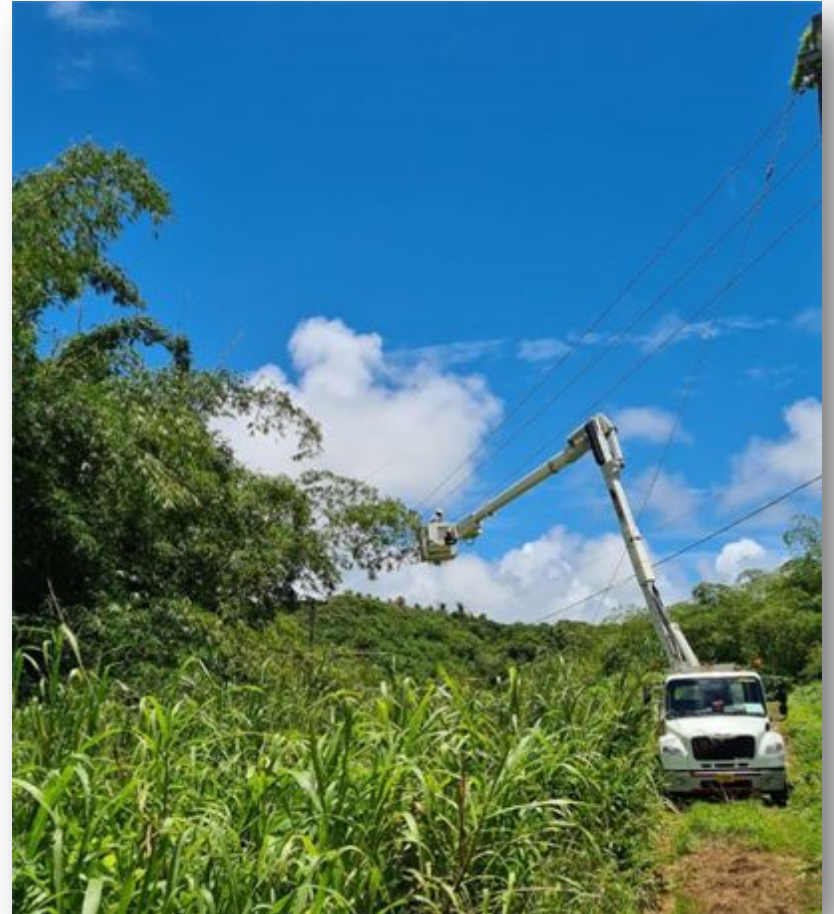
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## 11. COVID-19 Vaccination:

- As of August 16, 2021, 84% of GPA employees have received COVID-19 vaccination.
- Joint utility resolution (GWA 25-FY2021 / GPA 2021-22) requiring utility employees to be fully vaccinated against SARS-CoV-2 has been submitted to the CCU for review and decision.

## 12. Tropical Depression 16W:

- Overhead lines were inspected; vegetation that may have been blown into the lines during the storm were cleared.
- Crews responded to customer pre-storm tree trimming requests.
- Initial pre-storm protocols were followed.
- Storm was expected to pass over Guam on Tuesday afternoon, with winds hovering around 35 kts, per Guam NWS, however storm was downgraded. Storm watch was canceled as of 7:55 p.m., 8/16/21.





### 13. Summer Internship Programs:

GPA welcomed a record-setting 19 college students to its 2021 Summer Engineering & Cybersecurity Internship Programs!

- Engineering interns are currently enrolled in an Engineering program at a US-accredited college or university.
- Cybersecurity interns are currently enrolled in a Computer Science, CIS, IT or related program at a US-accredited college or university.
- The students were placed with employee-mentors in the Engineering, SPORD, Planning & Regulatory, T&D, Generation, PSCC, and IT divisions.
- GPA looks forward to expanding its internship programs as a key component of its recruitment and succession plan!



*Shown above: Student participants of the 2021 GDOE Youth Employment Internship Program & GPA 2021 Summer Engineering & Cybersecurity Internship Programs. August 6, 2021. Gloria B. Nelson Public Service Building.*

# **14. KEPCO 60 MW Utility Scale Solar PV Plant**

**Update  
8/24/2021**

# KEPCO 60 MW Utility Scale Solar PV Plant

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## SUMMARY

### Power Purchase Agreement

- Utility-scale solar project owned by KEPCO.
- GPA will *purchase* renewable energy produced at the 60MW utility-scale solar plant through a PPA, executed in 2018.

### Responsibilities

- KEPCO is responsible for construction, operations and maintenance, and retains ownership of the facility at the end of the contract.
- KEPCO is responsible to comply with all applicable laws and regulations.

### Ratepayer Impact

- Mitigations costs for the recent erosion damage will not be borne by ratepayers.
- Ratepayers would be substantially negatively impacted should the project be delayed, or worse - the project is not successfully completed.

# KEPCO 60 MW Utility Scale Solar PV Plant

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## Stop Work Order

- The Stop Work Order could significantly harm ratepayers!
- Prolonged work delays could result in project cancellation.

## LEAC Impact

- KEPCO indicated plant commissioning was scheduled for December 2021.
- The first year of LEAC savings is \$17.9M, equivalent to ~\$50K per day.
- The Ratepayer's LEAC savings is about \$49M for the first 4-year operating period.
- Extended delays of the solar plant commissioning would deny ratepayers ~\$50K per day of LEAC savings, thus improving the potential for a higher LEAC recommendation in February 2022.

## Consent Decree

- The 60MW utility-scale solar PV plant is named as a key project arising from the USEPA-GPA Consent Decree.
- Ratepayers may be subject to penalties for not completing this project or meeting the commissioning date.

## Renewable Energy Portfolio

- The utility-scale solar PV plant is an integral part of the renewable program to achieve 25% Renewable Energy by 2024 and 50% by 2030.
- Ratepayers have a significant stake in seeing this solar plant being successfully completed as early as possible.





# KEPCO 60 MW Utility Scale Solar PV Plant

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## Annual Savings from KEPCO 60 MW Solar Plant Power Purchase Agreement (PPA)

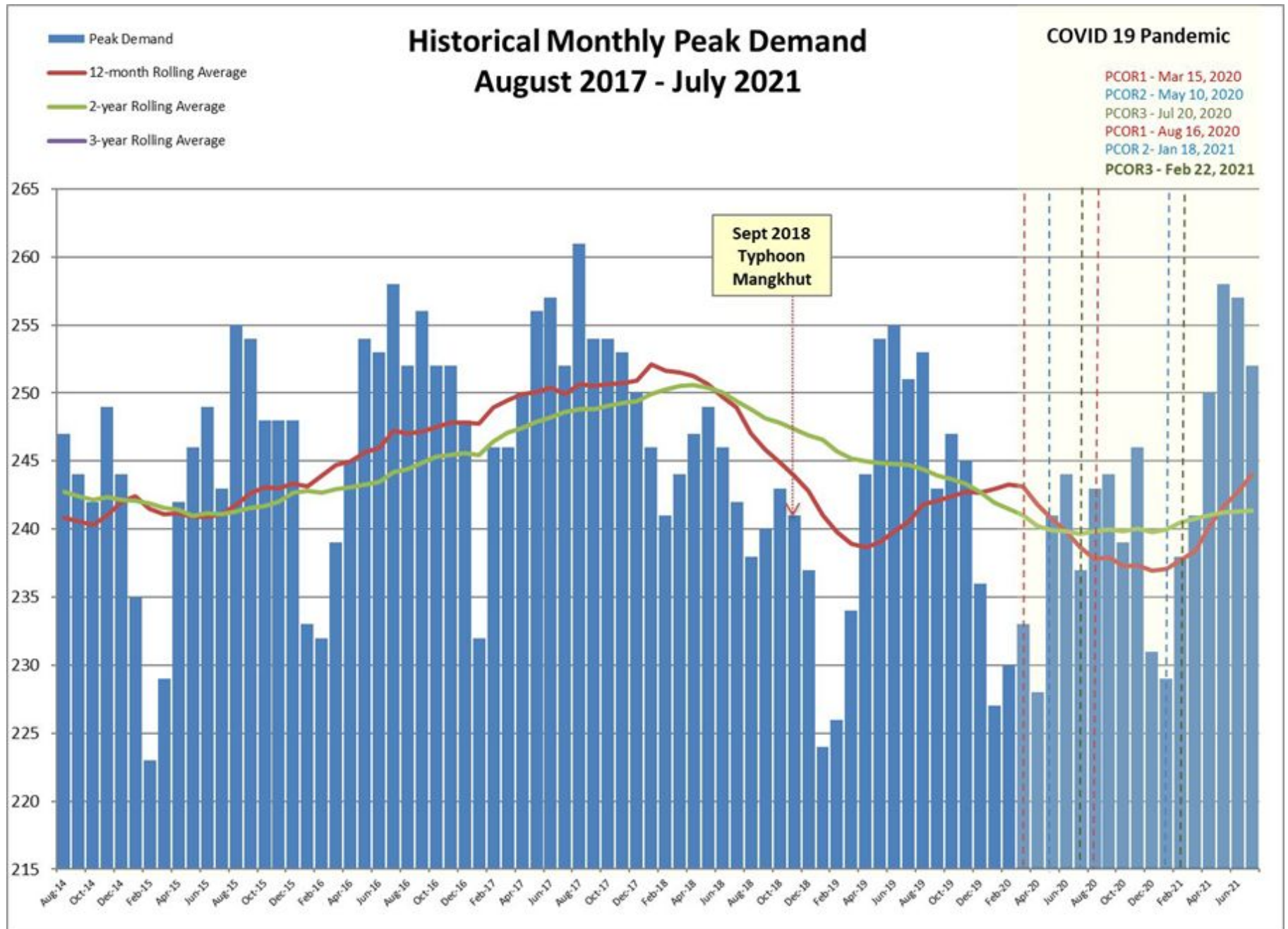
Calendar Year	2022	2023	2024	2025
Conventional Energy Offsetted	Non-Baseload	Non-Baseload	Baseload	Piti 8&9
Baseload Energy			625,632,000	20,000,000
Fuel Amount			\$ 85,291,000	\$ 3,072,197
Average \$/kWh			\$ 0.1363	\$0.1536
\$/BBL ULSD	\$ 95.00	\$ 85.00	\$ 85.00	\$ 85.00
Non-Baseload Energy Avg kWh/Gal	11	11		
Average \$/kWh Non-Baseload	\$ 0.2056	\$ 0.1840		
KEPCO Guaranteed kWh Production	149,084,585	147,949,356	147,208,522	146,467,689
KEPCO Guaranteed Rate/kWh	\$ 0.0855	\$ 0.0864	\$ 0.0872	\$ 0.0881
Contract Amount	\$ 12,746,603	\$ 12,776,037	\$ 12,839,183	\$ 12,902,315
GPA Production Fuel Amount	\$ 30,655,921	\$ 27,220,120	\$ 20,068,606	\$ 22,498,880
Ratepayer LEAC Estimated Savings	\$ 17,909,319	\$ 14,444,083	\$ 7,229,422	\$ 9,596,564
<b>Total 1st 4-year Estimated Savings</b>	<b>\$ 49,179,388</b>			

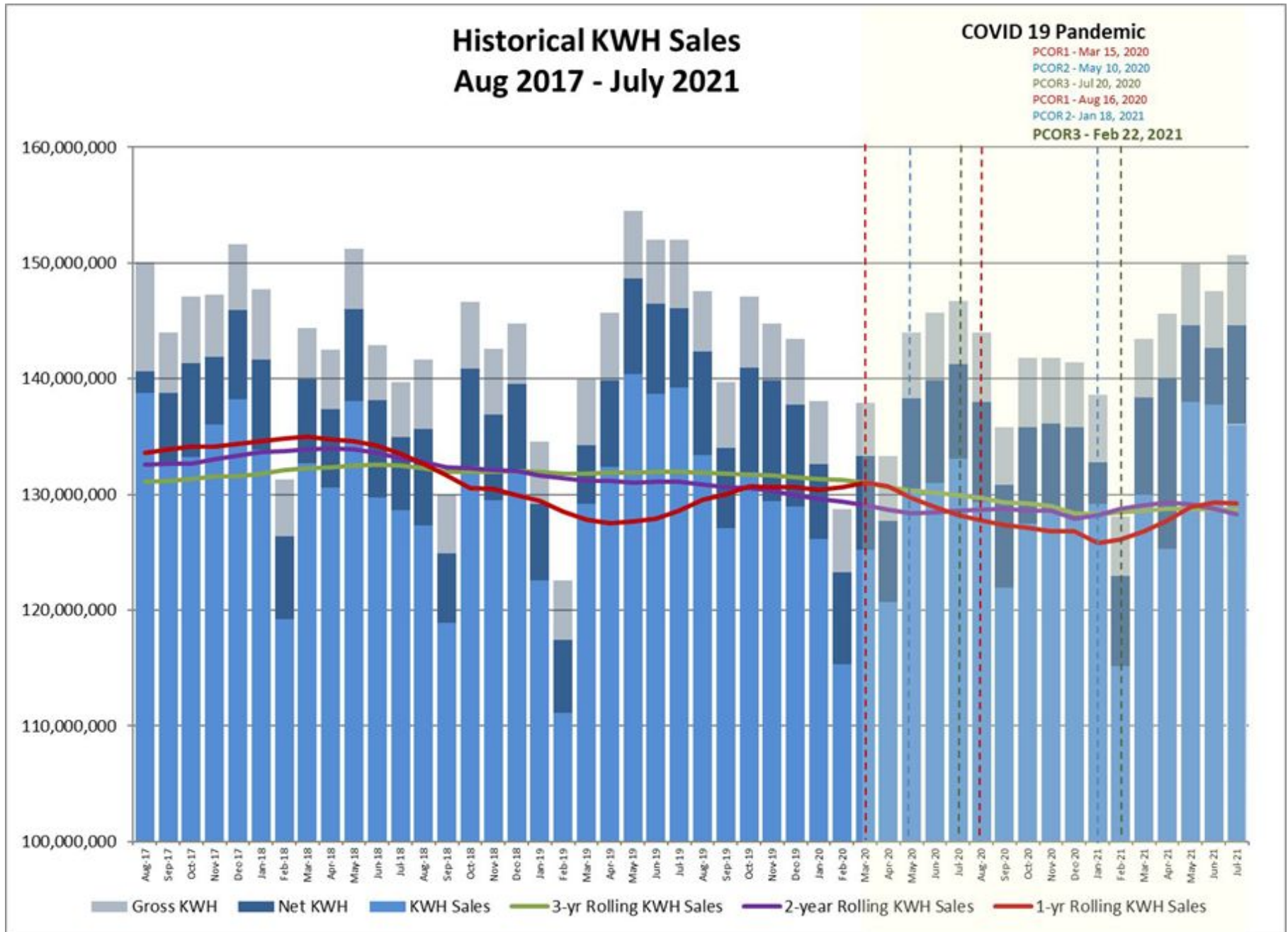


## 15. Generation KPIs:

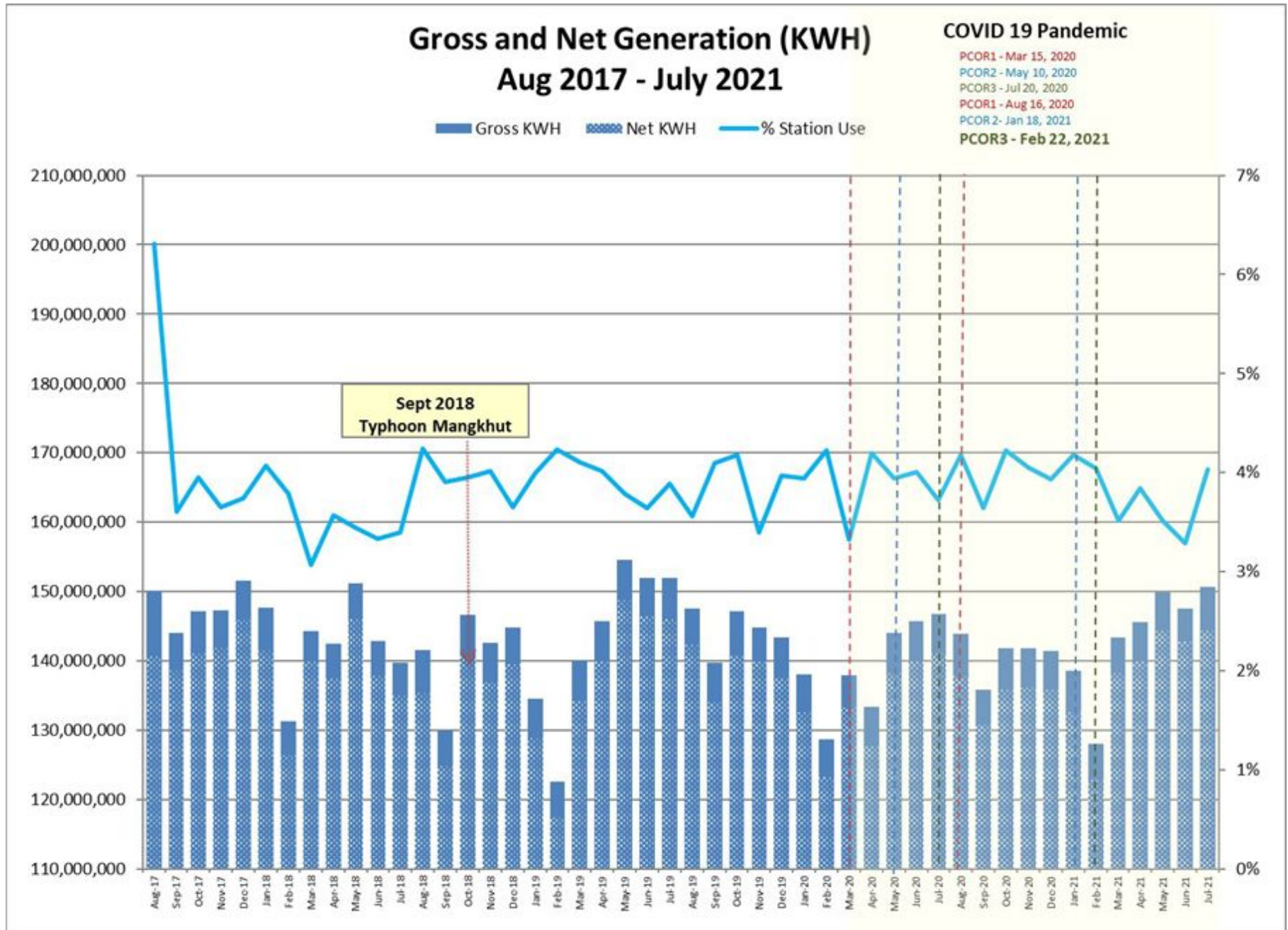
- The following graphs show updated information through July 2021:



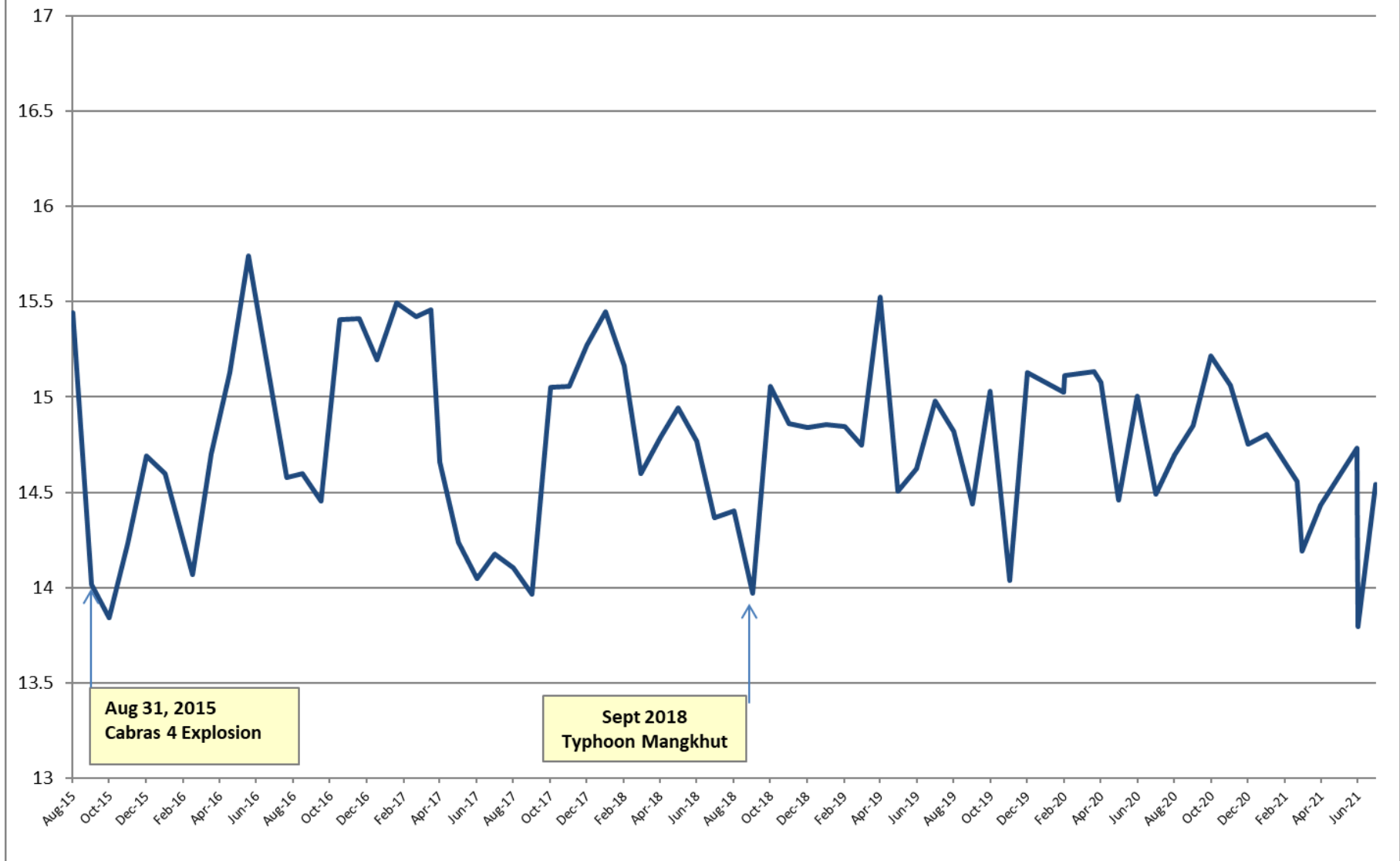


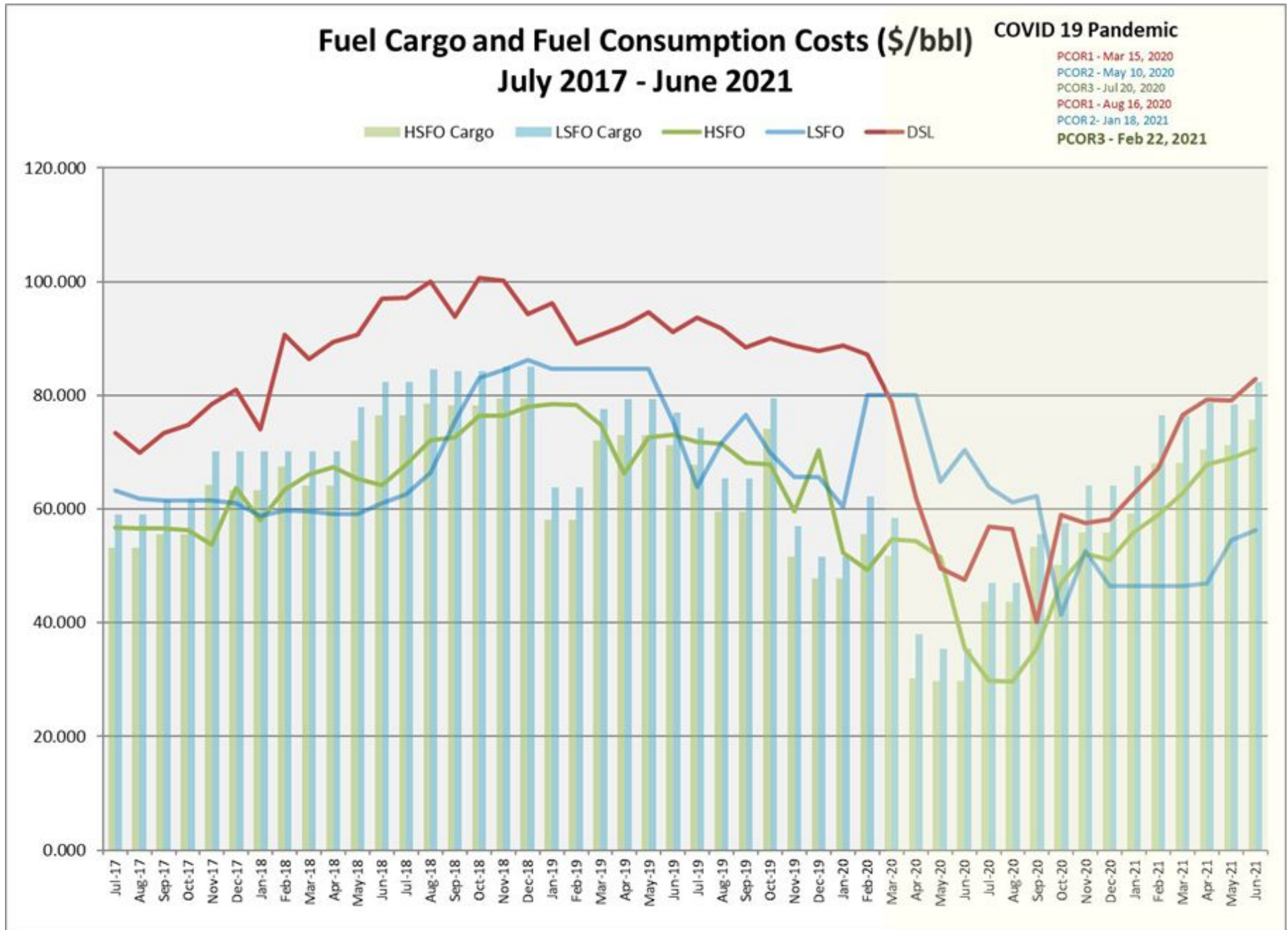






## SYSTEM GROSS HEAT RATE (KWH/Gal) Aug 2015 - July 2021





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# **CFO**

# **FINANCIAL HIGHLIGHTS**

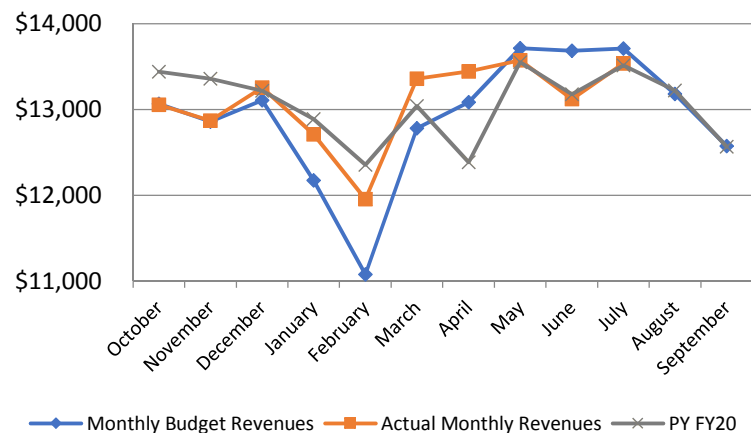
## **July 2021**



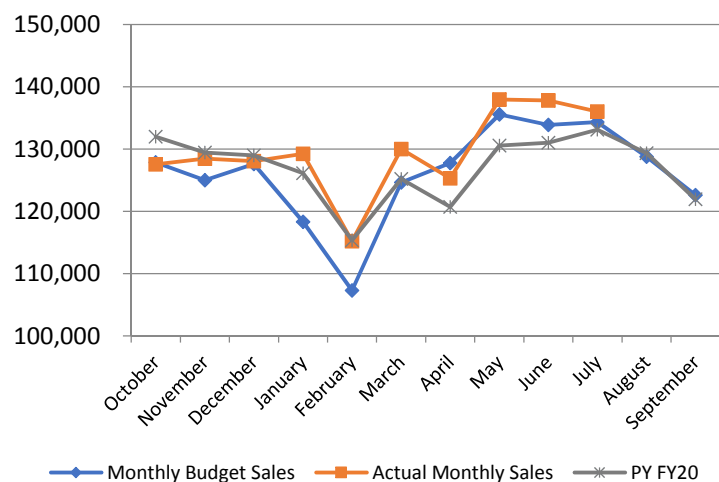


# July 2021 Monthly Financial Highlights

## Base Rate Revenue (in '000)



## MWH Sales (in 'mWh)



## Through July 31, 2021

(in '000)	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY20	CY vs PY Variance	
October	\$ 13,064	\$ 13,053	\$ (11)	↓	\$ 13,440	\$ (386)	↓
November	12,857	12,869	12	↑	13,358	(489)	↓
December	13,106	13,254	148	↑	13,216	38	↑
January	12,174	12,712	538	↑	12,888	(176)	↓
February	11,078	11,954	876	↑	12,357	(403)	↓
March	12,780	13,357	577	↑	13,039	318	↑
April	13,085	13,444	359	↑	12,385	1,059	↑
May	13,712	13,574	(139)	↓	13,550	24	↑
June	13,682	13,121	(561)	↓	13,176	(55)	↓
July	13,708	13,534	(174)	↓	13,514	20	↑
August	13,180				13,220		
September	12,574				12,567		
<b>Total</b>	<b>\$ 155,000</b>	<b>\$ 130,872</b>	<b>\$ 1,626</b>		<b>\$ 156,709</b>	<b>\$ (50)</b>	

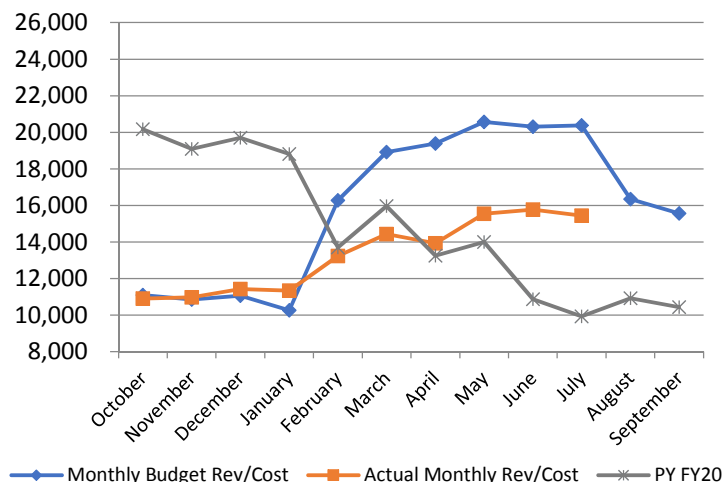
(in mWh)	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY20	CY vs PY Variance	
October	127,852	127,515	(337)	↓	131,953	(4,438)	↓
November	125,004	128,440	3,437	↑	129,421	(981)	↓
December	127,563	128,053	489	↑	128,958	(905)	↓
January	118,299	129,208	10,909	↑	126,130	3,078	↑
February	107,268	115,199	7,930	↑	115,346	(147)	↓
March	124,649	129,958	5,309	↑	125,185	4,773	↑
April	127,762	125,268	(2,494)	↓	120,688	4,580	↑
May	135,527	137,960	2,433	↑	130,531	7,430	↑
June	133,849	137,774	3,925	↑	130,987	6,787	↑
July	134,332	136,012	1,680	↑	133,116	2,896	↑
August	128,752				129,337		
September	122,569				121,927		
<b>Total</b>	<b>1,513,426</b>	<b>1,295,387</b>	<b>33,282</b>		<b>1,523,579</b>	<b>23,072</b>	



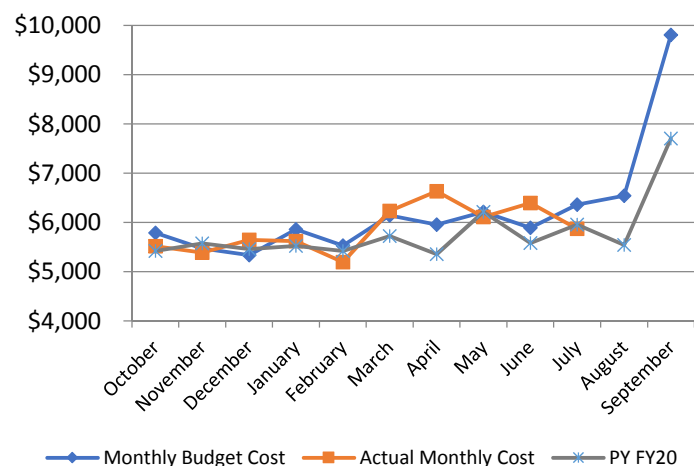
# July 2021 Monthly Financial Highlights (Continued)

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## Fuel Revenues (in '000)



## O&M Costs (in '000)



Through July 31, 2021

\$000	Monthly Budget Revenue	Actual Monthly Revenue	Variance		PY FY20	CY vs PY Variance	
October	\$ 11,098	\$ 10,910	\$ (187)	↓	\$ 20,165	\$ 9,255	↓
November	10,850	10,984	134	↑	19,088	(8,104)	↓
December	11,072	11,435	362	↑	19,697	(8,262)	↓
January	10,268	11,335	1,067	↑	18,820	(7,485)	↓
February	16,274	13,241	(3,033)	↓	13,701	(460)	↓
March	18,911	14,442	(4,469)	↓	15,968	(1,526)	↓
April	19,383	13,932	(5,451)	↓	13,254	678	↑
May	20,561	15,547	(5,014)	↓	14,001	1,546	↑
June	20,307	15,770	(4,537)	↓	10,867	4,902	↑
July	20,380	15,446	(4,934)	↓	9,935	5,511	↑
August	16,352				10,925		
September	15,566				10,438		
<b>Total</b>	<b>\$191,023</b>	<b>\$133,042</b>	<b>\$ (26,062)</b>		<b>\$176,860</b>	<b>\$ (22,455)</b>	

\$000	Monthly Budget Cost	Actual Monthly Cost	Variance		PY FY20	CY vs PY Variance	
October	\$ 5,790	\$ 5,515	\$ 275	↑	\$ 5,421	\$ (94)	↓
November	5,469	5,389	80	↑	5,572	184	↑
December	5,334	5,645	(311)	↓	5,460	(185)	↓
January	5,857	5,620	237	↑	5,521	(99)	↓
February	5,530	5,193	337	↑	5,417	224	↑
March	6,143	6,231	(88)	↓	5,723	(508)	↓
April	5,956	6,634	(679)	↓	5,357	(1,277)	↓
May	6,211	6,106	104	↑	6,215	109	↑
June	5,889	6,390	(501)	↓	5,578	(812)	↓
July	6,363	5,871	492	↑	5,957	86	↑
August	6,543				5,539		
September	9,806				7,700		
<b>Total</b>	<b>\$ 74,892</b>	<b>\$ 58,594</b>	<b>\$ (52)</b>		<b>\$ 69,461</b>	<b>\$ (2,372)</b>	



# July 2021 Monthly Financial Highlights (Continued)

23

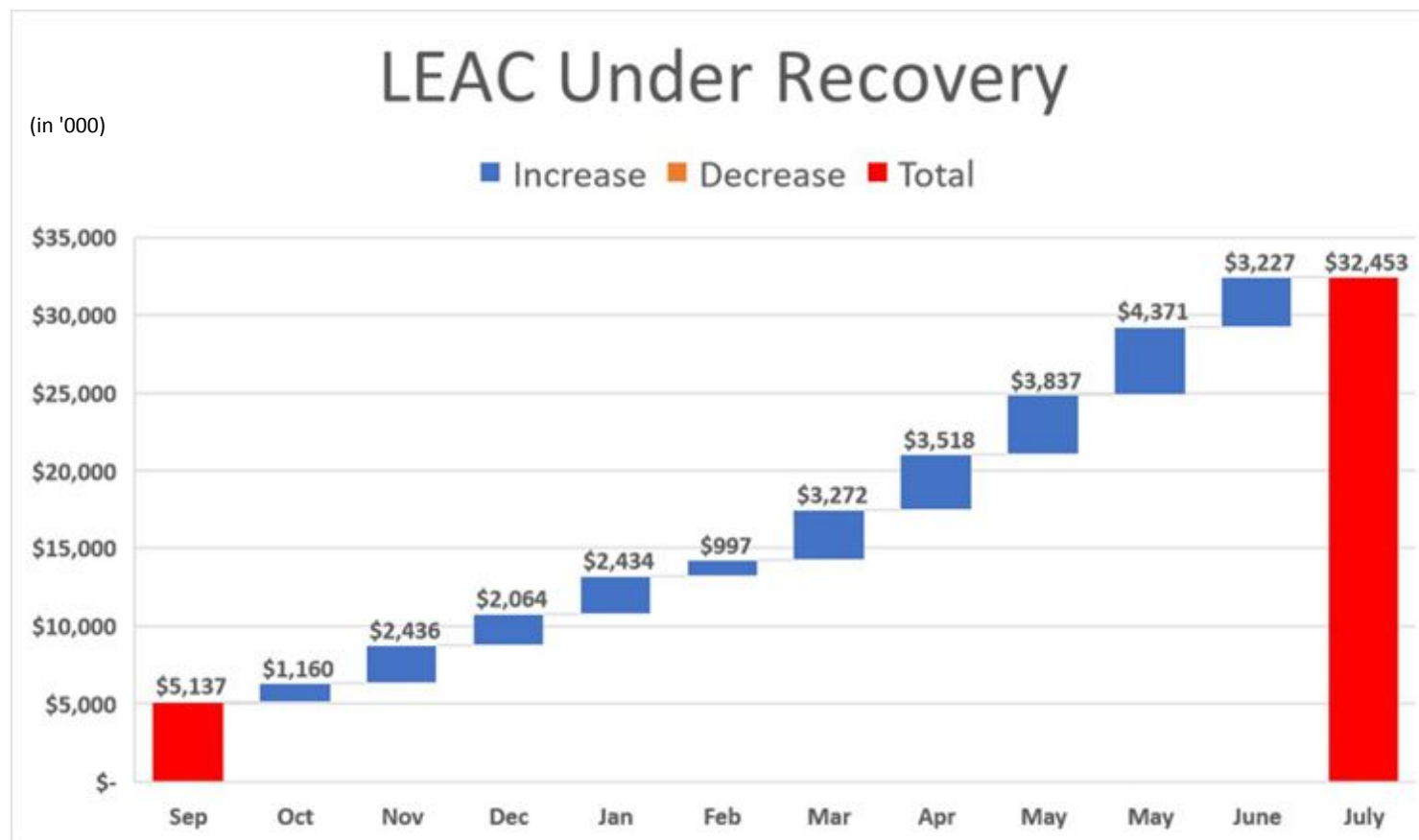
Through July 31, 2021												
	1Q2019	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021
Residential	43,920	44,144	44,329	44,479	44,203	44,509	45,069	44,191	44,503	44,575	45,247	45,077
Commercial	5,273	5,291	5,303	5,289	5,154	5,352	5,309	5,366	5,301	5,307	5,330	5,330
Government	1,090	1,074	1,075	1,070	1,072	1,059	1,061	1,081	1,063	1,060	1,049	1,049
Streetlights	1,151	1,152	1,138	1,138	1,135	1,128	1,139	1,132	1,133	1,132	1,132	1,129
Navy	1	1	1	1	1	1	1	1	1	1	1	1
<b>Total</b>	<b>51,435</b>	<b>51,662</b>	<b>51,846</b>	<b>51,977</b>	<b>51,565</b>	<b>52,049</b>	<b>52,579</b>	<b>51,771</b>	<b>52,001</b>	<b>52,075</b>	<b>52,759</b>	<b>52,586</b>

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021
Senior lien coverage	2.53	1.78	1.42	1.69
Debt service coverage (DSC) calculation-IPP as O&M				
Senior lien coverage	1.65	1.46	1.23	1.63



# July 2021 Monthly Financial Highlights (Continued)

24



	2020			2021						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
(in '000)										
Opening Recovery Balance	\$ 5,137	\$ 6,297	\$ 8,733	\$ 10,797	\$ 13,231	\$ 14,228	\$ 17,500	\$ 21,018	\$ 24,855	\$ 29,226
Under/(Over)	1,160	2,436	2,064	2,434	997	3,272	3,518	3,837	4,371	3,227
Closing Recovery Balance	\$ 6,297	\$ 8,733	\$ 10,797	\$ 13,231	\$ 14,228	\$ 17,500	\$ 21,018	\$ 24,855	\$ 29,226	\$ 32,453



# July 2021 Monthly Financial Highlights (Continued)

25

Date	# Prepaid Customers	Balance in arrear	Payment Plan	Total
July 31, 2020	951	\$ 579,651	\$ 98,276	\$ 677,927
Aug .31, 2020	955	\$ 133,710	\$ 565,383	\$ 699,093
Sept. 30, 2020	996	\$ 360,861	\$ 546,949	\$ 907,810
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Mar. 31, 2021	970	\$ 328,729	\$ 1,057,390	\$ 1,386,119
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May 28, 2021	997	\$ 599,988	\$ 884,797	\$ 1,484,785
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July 31, 2021	329	\$ 46,768	\$ 438,584	\$ 485,353



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# **CFO**

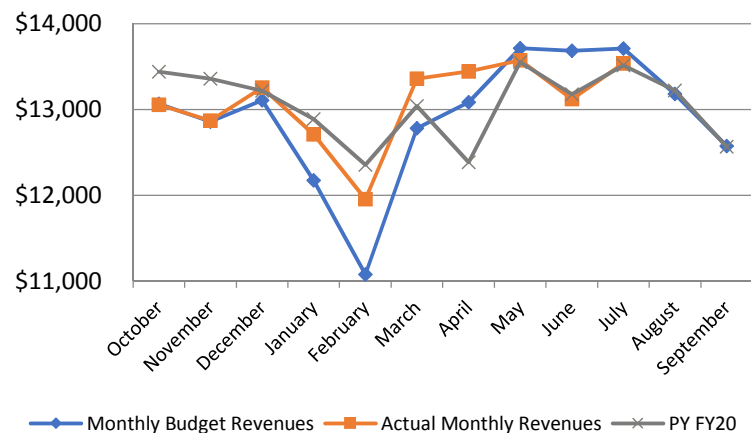
# **FINANCIAL HIGHLIGHTS**

## **July 2021**



# July 2021 Monthly Financial Highlights

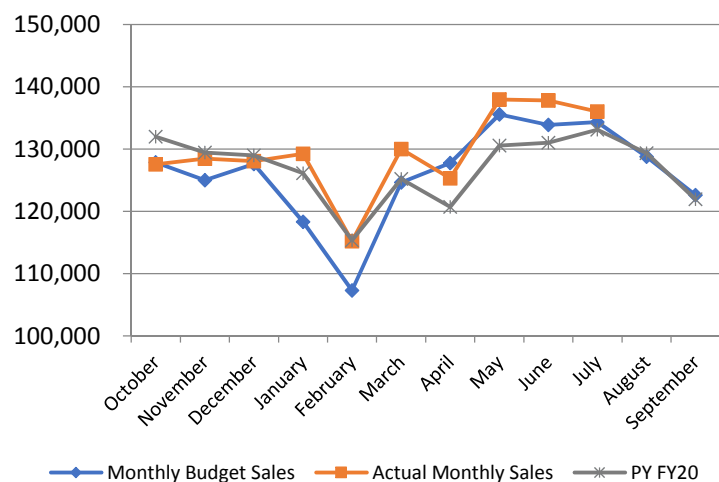
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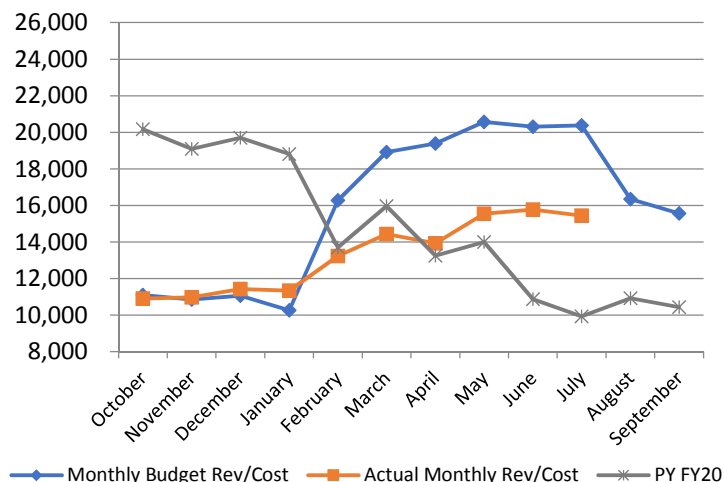
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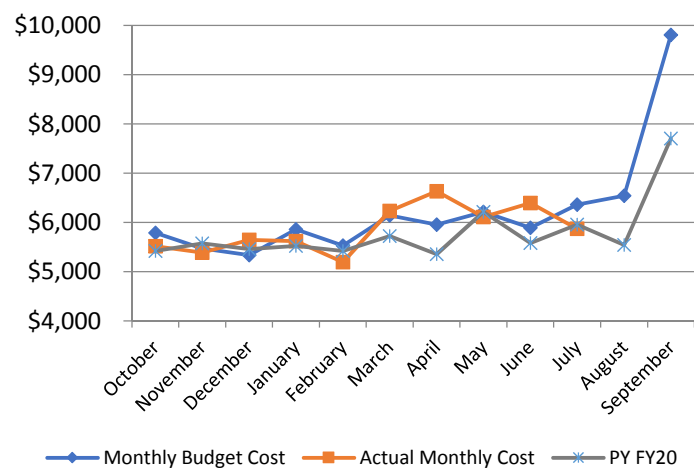
# July 2021 Monthly Financial Highlights (Continued)

3

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# July 2021 Monthly Financial Highlights (Continued)

4

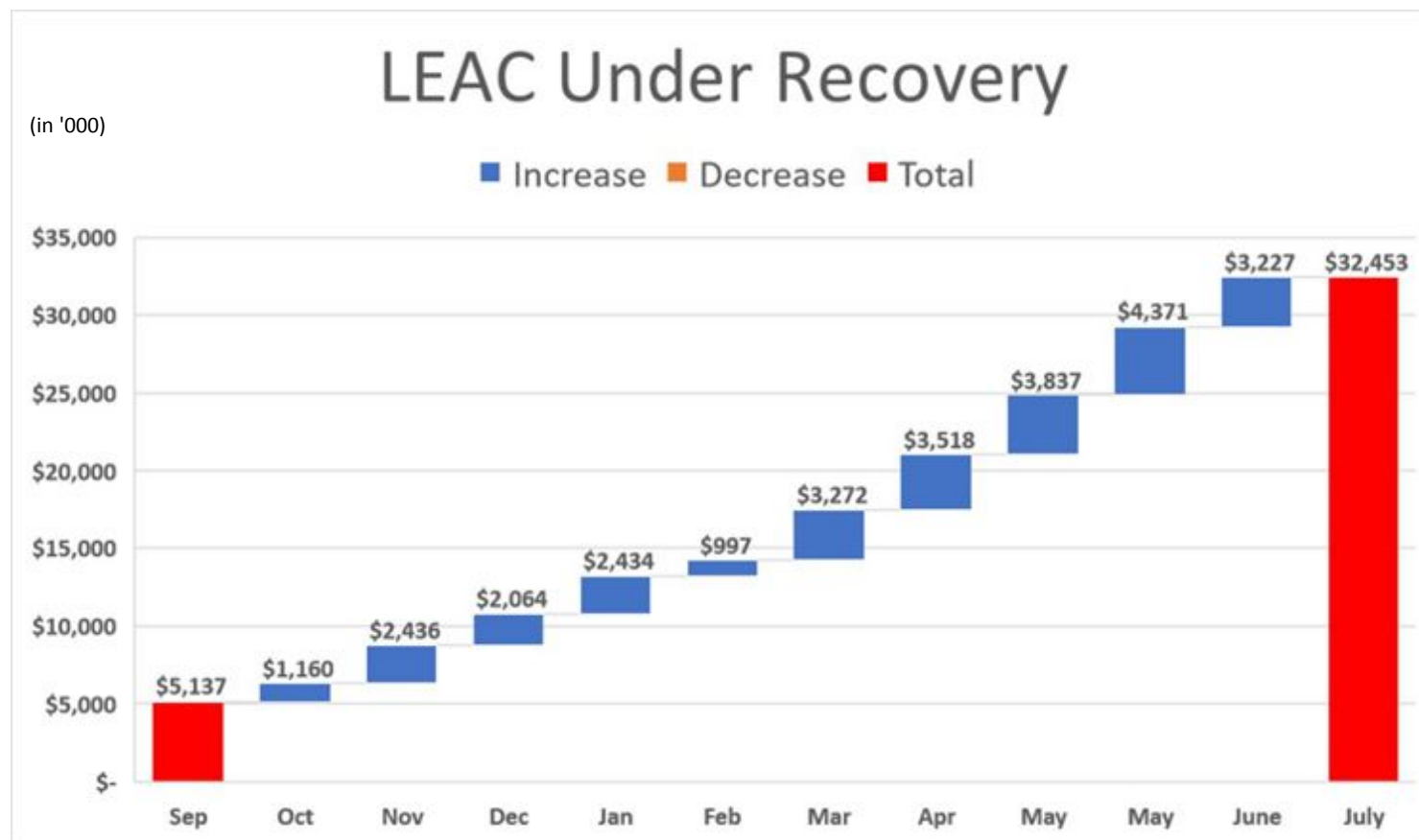
Through July 31, 2021												
	1Q2019	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021
Residential	43,920	44,144	44,329	44,479	44,203	44,509	45,069	44,191	44,503	44,575	45,247	45,077
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Government	1,090	1,074	1,075	1,070	1,072	1,059	1,061	1,081	1,063	1,060	1,049	1,049
Streetlights	1,151	1,152	1,138	1,138	1,135	1,128	1,139	1,132	1,133	1,132	1,132	1,129
Navy	1	1	1	1	1	1	1	1	1	1	1	1
<b>Total</b>	<b>51,435</b>	<b>51,662</b>	<b>51,846</b>	<b>51,977</b>	<b>51,565</b>	<b>52,049</b>	<b>52,579</b>	<b>51,771</b>	<b>52,001</b>	<b>52,075</b>	<b>52,759</b>	<b>52,586</b>

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021
Senior lien coverage	2.53	1.78	1.42	1.69
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# July 2021 Monthly Financial Highlights (Continued)

5



	2020			2021						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
(in '000)										
Opening Recovery Balance	\$ 5,137	\$ 6,297	\$ 8,733	\$ 10,797	\$ 13,231	\$ 14,228	\$ 17,500	\$ 21,018	\$ 24,855	\$ 29,226
Under/(Over)	1,160	2,436	2,064	2,434	997	3,272	3,518	3,837	4,371	3,227
Closing Recovery Balance	\$ 6,297	\$ 8,733	\$ 10,797	\$ 13,231	\$ 14,228	\$ 17,500	\$ 21,018	\$ 24,855	\$ 29,226	\$ 32,453



# July 2021 Monthly Financial Highlights (Continued)

6

Date	# Prepaid Customers	Balance in arrear	Payment Plan	Total
July 31, 2020	951	\$ 579,651	\$ 98,276	\$ 677,927
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Jun. 30, 2021	333	\$ 30,435	\$ 493,086	\$ 523,521
July 31, 2021	329	\$ 46,768	\$ 438,584	\$ 485,353





**GUAM POWER AUTHORITY**  
**ATURIDAT ILEKTRESEDAT GUAHAN**  
**P O BOX 2977, AGANA, GUAM 96932-2977**  
**Telephone: (671) 648-3066 Fax: (671) 648-3168**

**GUAM POWER AUTHORITY**  
**FINANCIAL STATEMENT OVERVIEW**  
 July 2021

Attached are the financial statements and supporting schedules for the month and fiscal year ended July 31, 2021.

**Summary**

The increase in net assets for the month ended was \$0.7 million as compared to the anticipated net increase of \$0.8 million projected at the beginning of the year. The total kWh sales for the month were 1.25% more than projected and non-fuel revenues were \$0.2 million less than the estimated amounts. O & M expenses for the month were \$5.9 million which was \$500 thousand under our projections for this year. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$2.8 million, which was \$0.4 million less than projected amounts. There were no other significant departures from the budget during the period.

**Analysis**

Description	Previous Month	Current Month	Target
Quick Ratio	2.62	2.63	2
Days in Receivables	53	55	52
Days in Payables	35	31	30
<b>LEAC (Over)/Under Recovery Balance -YTD</b>	\$29,225,678	\$32,452,576	\$28,764,411
T&D Losses	5.53%	5.55%	<7.00%
Debt Service Coverage	1.61	1.63	1.75
Long-term equity ratio	2.75%	2.89%	30 – 40%
Days in Cash	199	196	60

The Quick Ratio has been a challenge for GPA historically. However, the influx of cash from insurance proceeds continues to improve this ratio. GPA has current obligations of approximately \$67 million and approximately \$177 million in cash and current receivables. The LEAC under-recovery for the month was \$3.2 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

**Financial Statements  
July 2021**

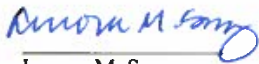
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**Significant Assumptions**

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 July 31, 2021 and September 30, 2020			
	Unaudited July 2021	Audited September 2020	Change from Sept 30 2020
<b>ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 31,063,709	\$ 38,059,527	\$ (6,995,818)
Bond indenture funds	11,593,588	22,590,787	(10,997,199)
Held by Guam Power Authority:			
Bond indenture funds	129,490,365	175,309,549	(45,819,184)
Self insurance fund-restricted	9,477,091	19,469,799	(9,992,708)
Energy sense fund	564,385	261,171	303,214
Total cash and cash equivalents	182,189,138	255,690,833	(73,501,695)
Accounts receivable, net	45,314,532	35,411,897	9,902,635
Total current receivables	45,314,532	35,411,897	9,902,635
Materials and supplies inventory	12,970,913	14,501,590	(1,530,677)
Fuel inventory	41,686,561	32,346,582	9,339,979
Prepaid expenses	6,912,879	1,876,268	5,036,611
Total current assets	289,074,023	339,827,170	(50,753,147)
Utility plant, at cost:			
Electric plant in service	1,150,315,679	1,097,908,313	52,407,366
Construction work in progress	25,168,609	49,045,858	(23,877,249)
Total	1,175,484,288	1,146,954,171	28,530,117
Less: Accumulated depreciation	(700,222,481)	(668,810,885)	(31,411,596)
Total utility plant	475,261,807	478,143,286	(2,881,479)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,500,140	48,532,630	(32,490)
Unamortized debt issuance costs	1,729,196	1,952,816	(223,620)
Total other non-current assets	50,229,336	50,485,446	(256,110)
Total assets	814,565,166	868,455,902	(53,890,736)
Deferred outflow of resources:			
Deferred fuel revenue	32,452,576	5,137,018	27,315,558
Unamortized loss on debt refunding	20,552,444	22,452,744	(1,900,300)
Pension	17,005,307	17,005,307	0
Other post employment benefits	44,664,204	44,664,204	0
Unamortized forward delivery contract costs	26,478	159,278	(132,800)
Total deferred outflows of resources	114,701,009	89,418,551	25,282,458
	\$ 929,266,175	\$ 957,874,453	\$(28,608,278)

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued July 31, 2021 and September 30, 2020			
	Unaudited July 2021	Audited September 2020	Change from Sept 30 2020
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 21,540,000	\$ 20,515,000	\$ 1,025,000
Current obligations under capital leases	(1)	2,226,222	(2,226,223)
Accounts payable			
Operations	20,255,648	28,907,900	(8,652,252)
Others	2,013,653	940,852	1,072,801
Accrued payroll and employees' benefits	1,537,257	2,464,369	(927,112)
Current portion of employees' annual leave	3,064,307	2,558,877	505,430
Interest payable	9,624,622	14,417,948	(4,793,326)
Customer deposits	9,087,305	8,729,186	358,119
Total current liabilities	67,122,791	80,760,354	(13,637,563)
Regulatory liabilities:			
Provision for self insurance	19,345,291	19,345,291	0
Total regulatory liabilities	19,345,291	19,345,291	0
Long term debt, net of current maturities	535,910,190	560,599,190	(24,689,000)
Obligations under capital leases, net of current portion	0	0	0
Net Pension liability	86,227,853	89,220,086	(2,992,233)
Other post employment benefits liability	161,936,073	161,936,073	0
DCRS sick leave liability	1,502,154	1,502,154	0
Employees' annual leave net of current portion	1,204,085	1,204,085	0
Customer advances for construction	460,970	425,814	35,156
Total liabilities	873,709,407	914,993,047	(41,283,640)
Deferred inflows of resources:			
Unearned forward delivery contract revenue	292,009	584,018	(292,009)
Pension	1,663,500	1,663,500	0
Other post employment benefits	39,067,668	39,067,667	1
Total deferred inflows of resources	41,023,177	41,315,185	(292,008)
Commitments and contingencies			
Net Position:			
Net investment in capital assets	(22,555,624)	(34,499,523)	11,943,899
Restricted	43,906,571	57,080,028	(13,173,458)
Unrestricted	(6,817,357)	(21,014,285)	14,196,928
Total net position	14,533,590	1,566,221	12,967,371
	\$ 929,266,175	\$ 957,874,453	\$(28,608,278)



GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	July 31			Ten Months Ending July 31		
	Unaudited 2021	Audited 2020	% of change Inc (dec)	Unaudited 2021	Audited 2020	% of change Inc (dec)
Revenues						
Sales of electricity	\$ 28,980,204	\$ 23,448,444	24	\$ 263,914,392	\$ 286,418,026	(8)
DSM-Rebates	337,967	334,228	0	3,205,306	660,407	0
Miscellaneous	200,416	8,657	2,215	1,632,648	1,484,201	10
Total	<u>29,518,587</u>	<u>23,791,329</u>	<u>24</u>	<u>268,752,346</u>	<u>288,562,634</u>	<u>(7)</u>
Bad debt expense	<u>(87,083)</u>	<u>(90,917)</u>	<u>(4)</u>	<u>(870,830)</u>	<u>(909,170)</u>	<u>(4)</u>
Total revenues	<u>29,431,504</u>	<u>23,700,412</u>	<u>24</u>	<u>267,881,516</u>	<u>287,653,464</u>	<u>(7)</u>
Operating and maintenance expenses						
Production fuel	15,446,200	9,934,629	55	133,042,037	155,496,887	(14)
Other production	<u>1,664,645</u>	<u>1,366,868</u>	<u>22</u>	<u>15,003,954</u>	<u>14,416,814</u>	<u>4</u>
	<u>17,110,845</u>	<u>11,301,497</u>	<u>51</u>	<u>148,045,991</u>	<u>169,913,701</u>	<u>(13)</u>
Depreciation	3,584,241	3,181,023	13	32,888,418	31,379,647	5
Energy conversion cost	849,538	1,093,137	(22)	9,630,067	10,727,949	(10)
Transmission & distribution	1,036,137	1,335,279	(22)	11,359,612	10,845,846	5
Customer accounting	709,383	474,085	50	5,307,595	4,383,856	21
Administrative & general	<u>2,460,441</u>	<u>2,689,526</u>	<u>(9)</u>	<u>26,923,172</u>	<u>25,666,462</u>	<u>5</u>
Total operating and maintenance expenses	<u>25,750,585</u>	<u>20,074,547</u>	<u>28</u>	<u>234,154,855</u>	<u>252,917,461</u>	<u>(7)</u>
Operating income	<u>3,680,919</u>	<u>3,625,865</u>	<u>2</u>	<u>33,726,661</u>	<u>34,736,003</u>	<u>(3)</u>
Other income (expenses)						
Interest income	3,683	57,060	(94)	760,367	2,399,407	(68)
Interest expense and amortization	(2,190,880)	(2,389,275)	(8)	(21,948,774)	(23,187,706)	(5)
Bond issuance costs	89,228	89,228	0	892,280	892,280	0
Allowance for funds used during constructic	12,925	0	0	760,803	0	0
Pandemic-COVID19	0	(22,095)	0	(219,690)	(1,118,302)	0
Losses due to typhoon	(903,166)	0	0	(961,363)	(248,167)	0
Bid bond forfeiture	0	0	0	0	0	0
Other expense	<u>(4,288)</u>	<u>(4,291)</u>	<u>(0)</u>	<u>(42,915)</u>	<u>(42,910)</u>	<u>0</u>
Total other income (expenses)	<u>(2,992,498)</u>	<u>(2,269,373)</u>	<u>32</u>	<u>(20,759,292)</u>	<u>(21,305,398)</u>	<u>(3)</u>
Income (loss) before capital contributions	688,421	1,356,492	(49)	12,967,369	13,430,605	(3)
Capital contributions	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>80,066</u>	<u>0</u>
Increase (decrease) in net assets	688,421	1,356,492	(49)	12,967,369	13,510,671	(4)
Total net assets at beginning of period	<u>13,845,169</u>	<u>15,295,774</u>	<u>(9)</u>	<u>1,566,221</u>	<u>3,141,595</u>	<u>(50)</u>
Total net assets at end of period	\$ <u>14,533,590</u>	\$ <u>16,652,266</u>	<u>(13)</u>	\$ <u>14,533,590</u>	\$ <u>16,652,266</u>	<u>(13)</u>

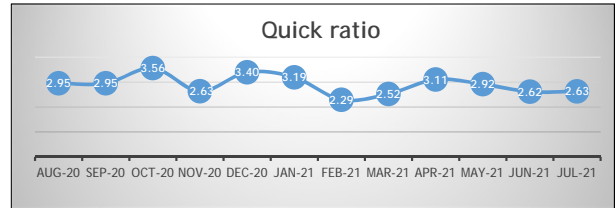
<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Cash Flows</b> <b>Period Ended July 31, 2021</b>		
	<b>Month Ended 7/31/2021</b>	<b>YTD Ended 7/31/2021</b>
<b>Increase(decrease) in cash and cash equivalents</b>		
Cash flows from operating activities:		
Cash received from customers	\$26,975,119	\$ 257,973,217
Cash payments to suppliers and employees for goods and services	<u>33,593,499</u>	<u>250,692,526</u>
Net cash provided by operating activities	(\$6,618,380)	7,280,691
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	<u>3,681</u>	<u>760,367</u>
Net cash provided by investing activities	3,681	760,367
Cash flows from non-capital financing activities		
Interest paid on short term debt	998	12,103
Provision for self insurance funds	<u>10,000,000</u>	<u>9,992,708</u>
Net cash provided by noncapital financing activities	10,000,998	10,004,811
Cash flows from capital and related financing activities		
Acquisition of utility plant	(809,078)	(30,006,934)
Principal paid on bonds and other long-term debt	-	(20,515,000)
Interest paid on bonds(net of capitalized interest)	12,925	(25,947,822)
Interest paid on capital lease obligations	-	(45,578)
Interest & principal funds held by trustee	(3,977,997)	6,995,818
Reserve funds held by trustee	(2,342)	32,490
Bond funds held by trustee	621,667	10,997,199
Principal payment on capital lease obligations	-	(2,226,223)
Debt issuance costs/loss on defeasance	(314,900)	(3,149,000)
Net cash provided by (used in) capital and related financing activities	<u>(4,469,725)</u>	<u>(63,865,050)</u>
Net (decrease) increase in cash and cash equivalents	(1,083,426)	(45,819,181)
Cash and cash equivalents, beginning	<u>130,573,794</u>	<u>175,309,549</u>
<b>Cash and cash equivalents-Funds held by GPA, July 31, 2021</b>	<b>\$ 129,490,368</b>	<b>\$ 129,490,368</b>

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Cash Flows, continued</b> <b>Period Ended July 31, 2021</b>		
	<b>Month Ended 7/31/2021</b>	<b>YTD Ended 7/31/2021</b>
<b>Reconciliation of operating earnings to net cash provided by operating activities:</b>		
Operating earnings net of depreciation expense and excluding interest income	\$3,680,917	\$33,726,661
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	3,584,241	32,888,418
Other expense	(818,223)	(331,688)
(Increase) decrease in assets:		
Accounts receivable	(2,456,382)	(9,902,635)
Materials and inventory	202,992	1,530,677
Fuel inventory	(6,273,310)	(9,339,979)
Prepaid expenses	623,298	(5,036,611)
Unamortized debt issuance cost	22,362	223,620
Deferred fuel revenue	(3,226,898)	(27,315,558)
Unamortized loss on debt refunding	190,030	1,900,300
Unamortized forward delivery contract costs	13,280	132,800
Increase (decrease) in liabilities:		
Accounts payable-operations	(2,200,939)	(8,652,252)
Accounts payable-others	(7,711)	769,587
Accrued payroll and employees' benefits	400,196	(927,112)
Net pension liability	(405,523)	(2,992,233)
Employees' annual leave	(63,931)	505,430
Customers deposits	122,841	358,119
Customer advances for construction	(5,620)	35,156
Unearned forward delivery contract revenue	-	(292,009)
<b>Net cash provided by operating activities</b>	<b>(\$6,618,380)</b>	<b>\$ 7,280,691</b>

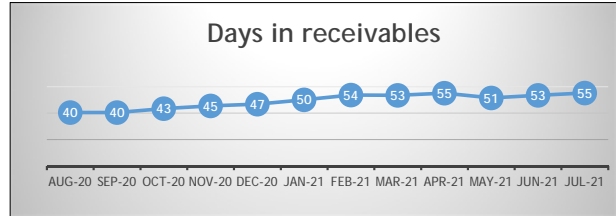
**Guam Power Authority  
Financial Analysis  
07/31/21**

Quick Ratio

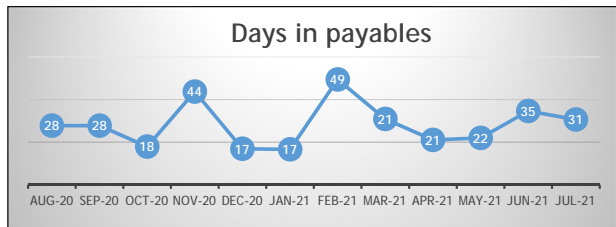
A	Reserve Funds Held by GPA	129,490,365
B	Current Accounts Receivable	47,028,283
C	Total Cash and A/R (A+B)	176,518,648
D	Total Current Liabilities	67,122,791
E	Quick Ratio (F/G)	2.63

Days in Receivables

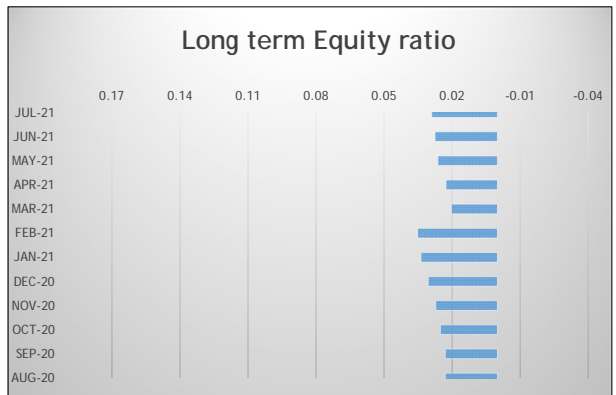
A	FY 21 Moving 12 Mos. -Actual	311,063,489
B	No. of Days	365
C	Average Revenues per day (A/B)	852,229
D	Current Accounts Receivable	47,028,283
E	Days in Receivables (D/C)	55

Days in Payables

A	FY 21 Moving 12 Months-Actual	265,588,967
B	No. of Days	365
C	Average Payables per day (A/B)	727,641
D	Current Accounts Payables	22,269,301
E	Days in Payables (D/C)	31

Long term equity ratio

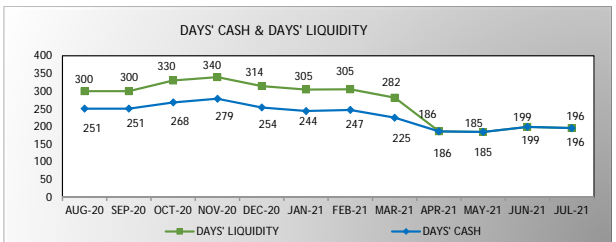
A	Equity	\$ 14,533,589.89
B	Total Long term Liability	\$ 487,510,962.00
C	Total Equity and liability	\$ 502,044,551.89
D	Long term equity ratio (A/C)	2.89%

Days cash on hand

A	Unrestricted cash & cash equivalents	129,490
B	No. of Days -YTD	304
C	A x B	39,365,071
D	Total Operating expenses excluding depreciation	201,266
E	Days cash on hand	196

Days' Liquidity

A	Unrestricted cash , cash equivalents & revolving Credit	129,490
B	No. of Days -YTD	304
C	A x B	39,365,071
D	Total Operating expenses excluding depreciation	201,266
E	Days liquidity	196



GPA 302		GUAM POWER AUTHORITY ACCRUED REVENUE JULY 2021			
		FOR THE MONTH ENDED JULY		TEN MONTHS ENDED JULY	
		2021	2020	2021	2020
<b>KWH SALES:</b>					
Residential		50,202,955	49,363,562	487,398,958	436,809,590
Residential - Apt & Condo		653,330	-	1,887,004	-
Small Gen. Non Demand		7,108,892	5,435,917	61,809,211	50,919,340
Small Gen. Demand		16,688,580	15,197,638	157,529,922	151,995,243
Large General		18,930,932	20,805,621	182,861,662	222,007,349
Independent Power Producer		29,999	29,903	358,317	320,033
Private St. Lights		32,435	33,276	327,193	329,802
Sub-total		93,647,123	90,865,918	892,172,267	862,381,356
<b>Government Service:</b>					
Small Non Demand		979,317	718,063	8,732,628	6,963,894
Small Demand		9,188,345	8,245,957	84,567,938	82,803,447
Large		4,354,590	5,281,556	45,795,345	55,013,965
Street Lighting		634,626	617,089	5,884,776	5,908,307
Sub-total		15,156,878	14,862,665	144,980,687	150,689,613
Total		108,804,002	105,728,582	1,037,152,954	1,013,070,970
U. S. Navy		27,207,666	27,387,340	258,234,300	259,244,095
GRAND TOTAL		136,011,668	133,115,922	1,295,387,255	1,272,315,065
<b>REVENUE:</b>					
Residential		10,140,852	8,773,199	94,502,968	94,917,964
Residential - Apt & Condo		126,253	-	364,739	-
Small Gen. Non Demand		1,740,901	1,239,063	14,839,758	13,718,482
Small Gen. Demand		3,642,566	3,105,577	33,652,120	37,677,800
Large General		3,983,244	4,065,239	37,322,554	52,621,770
Independent Power Producer		6,767	5,748	72,671	78,861
Private St. Lights		23,710	23,702	237,465	248,014
Sub-total		19,664,294	17,212,527	180,992,275	199,262,891
<b>Government Service:</b>					
Small Non Demand		258,104	177,715	2,256,468	2,040,521
Small Demand		2,167,055	1,794,264	19,479,361	21,716,850
Large		958,637	1,116,547	9,975,860	14,096,767
Street Lighting		412,911	396,843	4,000,299	4,181,596
Sub-total		3,796,707	3,485,369	35,711,987	42,035,733
Total		23,461,001	20,697,896	216,704,262	241,298,624
U. S. Navy		5,519,202	2,750,547	47,210,129	45,119,400
GRAND TOTAL		28,980,204	23,448,443	263,914,392	286,418,024
<b>NUMBER OF CUSTOMERS:</b>					
Residential		45,071	44,773	44,632	44,400
Residential - Apt & Condo		6	-	6	-
Small Gen. Non Demand		4,501	4,252	4,420	4,164
Small Gen. Demand		742	940	799	1,023
Large General		85	120	93	120
Independent Power Producer		2	2	2	2
Private St. Lights		511	521	515	515
Sub-total		50,918	50,608	50,466	50,223
<b>Government Service:</b>					
Small Non Demand		686	635	683	639
Small Demand		343	385	352	384
Large		20	43	30	44
Street Lighting		618	618	618	617
Sub-total		1,667	1,681	1,683	1,685
Total		52,585	52,289	52,149	51,908
US Navy		1	1	1	1
		52,586	52,290	52,150	51,909

CCU Meeting, August 24, 2021 - GPA

GPA403													
GUAM POWER AUTHORITY ACCRUED REVENUE													
	TWELVE MONTHS ENDING	July 2021	June 2021	May 2021	APRIL 2021	MARCH 2021	FEBRUARY 2021	JANUARY 2021	DECEMBER 2020	NOVEMBER 2020	OCTOBER 2020	SEPTEMBER 2020	AUGUST 2020
<b>KWH SALES:</b>													
Residential	582,827,949	50,202,955	54,956,782	52,850,154	46,568,762	48,771,669	42,297,847	49,701,539	47,107,600	47,924,589	47,017,061	46,940,702	48,488,288
Residential - Apt & Condo	1,887,004	653,330	677,455	556,219	0	0	0	0	0	0	0	0	0
Small General Non Demand	72,158,097	7,108,892	6,924,843	7,276,536	6,491,718	6,181,821	5,320,594	5,647,220	5,645,321	5,490,013	5,722,253	5,245,960	5,102,926
Small General Demand	186,549,750	16,688,580	16,243,376	16,369,442	16,491,201	15,846,106	14,414,603	14,940,853	15,604,863	15,180,559	15,750,339	14,377,515	14,642,313
Large General	220,360,625	18,930,932	17,898,901	18,958,969	17,748,417	18,590,234	16,494,154	17,811,468	19,116,309	18,776,244	18,536,035	17,253,957	20,245,005
Private Outdoor Lighting	394,270	32,435	33,557	31,625	34,507	30,651	31,009	34,202	31,775	33,159	34,273	34,037	33,040
Independent Power Producer	423,157	29,999	28,733	21,893	34,625	31,495	33,249	35,152	35,155	74,692	33,326	32,898	31,941
Sub-Total	1,064,600,850	93,647,123	96,763,645	96,064,839	87,369,230	89,451,976	78,591,456	88,170,433	87,541,022	87,479,256	87,093,287	83,885,069	88,543,514
<b>Government Service:</b>													
Small Non Demand	10,141,882	979,317	933,456	1,021,708	968,685	887,301	735,075	798,105	796,758	785,007	827,215	696,811	712,443
Small Demand	100,343,466	9,188,345	8,996,648	9,426,469	9,008,025	8,477,141	7,585,311	8,032,905	8,233,899	7,754,428	7,864,767	7,685,747	8,089,781
Large	56,022,387	4,354,590	4,202,613	4,307,222	4,168,906	4,895,498	4,438,169	4,651,006	4,769,294	4,826,626	5,181,422	5,039,602	5,187,440
Street Lighting (Agencies)	7,019,414	634,626	557,701	576,932	634,691	538,470	557,701	557,750	634,577	557,701	634,626	562,996	571,642
Sub-Total	173,527,149	15,156,878	14,690,418	15,332,331	14,780,307	14,798,411	13,316,257	14,039,765	14,434,528	13,923,762	14,508,029	13,985,156	14,561,306
Total	1,238,127,999	108,804,002	111,454,063	111,397,170	102,149,537	104,250,386	91,907,713	102,210,199	101,975,550	101,403,018	101,601,316	97,870,225	103,104,820
U.S. Navy	308,342,386	27,207,666	26,320,152	26,563,198	23,118,519	25,707,988	23,290,980	26,998,129	26,077,078	27,037,233	25,913,357	23,875,625	26,232,462
Grand Total	1,546,470,386	136,011,668	137,774,215	137,960,369	125,268,057	129,958,374	115,198,693	129,208,328	128,052,627	128,440,251	127,514,673	121,745,850	129,337,281
<b>REVENUE:</b>													
Residential	\$ 111,569,041	\$ 10,140,852	\$ 10,297,031	\$ 10,560,583	\$ 10,189,207	\$ 9,990,684	\$ 9,140,772	\$ 8,731,054	\$ 8,451,276	\$ 8,561,989	\$ 8,439,520	\$ 8,393,434	\$ 8,672,639
Residential - Apt & Condo	\$ 364,739	\$ 126,253	\$ 131,054	\$ 107,432	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Small General Non Demand	\$ 17,201,578	\$ 1,740,901	\$ 1,689,985	\$ 1,784,142	\$ 1,588,001	\$ 1,543,103	\$ 1,416,678	\$ 1,246,825	\$ 1,281,222	\$ 1,242,336	\$ 1,306,566	\$ 1,201,673	\$ 1,160,148
Small General Demand	\$ 39,503,698	\$ 3,642,566	\$ 3,515,812	\$ 3,588,205	\$ 3,588,041	\$ 3,562,230	\$ 3,397,314	\$ 3,009,490	\$ 3,144,237	\$ 3,031,479	\$ 3,172,745	\$ 2,879,655	\$ 2,971,923
Large General	\$ 44,650,480	\$ 3,983,244	\$ 3,763,127	\$ 4,008,672	\$ 3,729,564	\$ 3,990,698	\$ 3,657,630	\$ 3,446,715	\$ 3,673,430	\$ 3,471,380	\$ 3,598,095	\$ 3,378,106	\$ 3,949,820
Private Outdoor Lighting	\$ 284,704	\$ 23,710	\$ 24,047	\$ 23,633	\$ 25,401	\$ 23,391	\$ 23,165	\$ 23,434	\$ 22,998	\$ 23,400	\$ 23,624	\$ 23,615	\$ 23,615
Independent Power Producer	\$ 85,745	\$ 6,767	\$ 8,011	\$ 5,021	\$ 7,140	\$ 8,082	\$ 7,203	\$ 8,477	\$ 6,783	\$ 8,640	\$ 6,546	\$ 6,321	\$ 6,753
Sub-Total	\$ 213,659,985	\$ 19,664,294	\$ 19,429,067	\$ 20,077,688	\$ 19,127,353	\$ 19,118,189	\$ 17,642,760	\$ 16,465,995	\$ 16,579,946	\$ 16,339,223	\$ 16,547,758	\$ 15,882,813	\$ 16,784,897
<b>Government Service:</b>													
Small Non Demand	\$ 2,606,851	\$ 258,104	\$ 246,769	\$ 268,911	\$ 254,670	\$ 237,132	\$ 200,646	\$ 197,714	\$ 196,477	\$ 192,813	\$ 203,232	\$ 173,827	\$ 176,557
Small Demand	\$ 22,926,760	\$ 2,167,055	\$ 2,120,080	\$ 2,233,484	\$ 2,123,880	\$ 2,033,824	\$ 1,851,945	\$ 1,761,409	\$ 1,777,805	\$ 1,687,099	\$ 1,722,780	\$ 1,682,505	\$ 1,764,894
Large	\$ 12,149,286	\$ 958,637	\$ 929,084	\$ 953,007	\$ 918,136	\$ 1,123,487	\$ 1,035,369	\$ 971,980	\$ 982,731	\$ 1,003,746	\$ 1,099,683	\$ 1,071,629	\$ 1,101,797
Street Lighting (Agencies)	\$ 4,778,351	\$ 412,911	\$ 400,655	\$ 403,719	\$ 412,948	\$ 397,593	\$ 400,655	\$ 387,724	\$ 398,184	\$ 387,718	\$ 398,191	\$ 388,439	\$ 389,613
Sub-Total	\$ 42,461,248	\$ 3,796,707	\$ 3,696,589	\$ 3,859,122	\$ 3,709,634	\$ 3,792,036	\$ 3,488,615	\$ 3,318,827	\$ 3,355,197	\$ 3,271,376	\$ 3,423,885	\$ 3,316,400	\$ 3,432,861
Total	\$ 256,121,233	\$ 23,461,001	\$ 23,125,656	\$ 23,936,810	\$ 22,836,987	\$ 22,910,225	\$ 21,131,376	\$ 19,784,822	\$ 19,935,143	\$ 19,610,598	\$ 19,971,643	\$ 19,199,213	\$ 20,217,758
U.S. Navy	\$ 54,942,256	\$ 5,519,202	\$ 5,765,299	\$ 5,184,093	\$ 4,539,687	\$ 4,888,565	\$ 4,063,178	\$ 4,262,178	\$ 4,753,332	\$ 4,242,586	\$ 3,992,010	\$ 3,805,204	\$ 3,926,923
Grand Total	\$ 311,063,489	\$ 28,980,204	\$ 28,890,955	\$ 29,120,903	\$ 27,376,674	\$ 27,798,789	\$ 25,194,553	\$ 24,047,000	\$ 24,688,476	\$ 23,853,184	\$ 23,963,653	\$ 23,004,417	\$ 24,144,681
<b>NUMBER OF CUSTOMERS:</b>													
Residential	44,613	45,071	45,241	44,555	44,502	44,575	45,051	44,503	44,345	44,271	44,202	44,191	44,854
Residential - Apt & Condo	6	6	6	5	0	0	0	0	0	0	0	0	0
Small General Non Demand	4,404	4,501	4,502	4,491	4,433	4,386	4,367	4,381	4,378	4,380	4,376	4,364	4,289
Small General Demand	816	742	741	741	834	824	820	821	821	823	820	880	929
Large General	97	85	85	86	95	95	95	97	97	97	94	120	120
Private Outdoor Lighting	516	511	514	514	517	514	517	515	517	517	517	520	515
Independent Power Producer	2	2	2	2	2	2	2	2	2	2	2	2	2
Sub-Total	50,455	50,918	51,091	50,394	50,383	50,396	50,852	50,319	50,160	50,090	50,011	50,077	50,709
<b>Government Service:</b>													
Small Non Demand	677	686	686	687	692	679	675	682	685	684	678	653	635
Small Demand	357	343	343	344	360	350	350	350	349	355	373	386	386
Large	32	20	20	20	31	31	31	31	34	40	41	42	43
Street Lighting (Agencies)	618	618	618	618	619	618	618	618	618	618	618	618	618
Sub-Total	1,684	1,667	1,667	1,669	1,702	1,678	1,674	1,681	1,686	1,697	1,710	1,699	1,682
Total	52,139	52,585	52,758	52,063	52,085	52,074	52,526	52,000	51,846	51,787	51,721	51,776	52,391
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	52,140	52,586	52,759	52,064	52,086	52,075	52,527	52,001	51,847	51,788	51,722	51,777	52,392

## CCU Meeting, August 24, 2021 - GPA

GPA303

GUAM POWER AUTHORITY  
ACCRUED REVENUE  
JULY 2021

RATE	0.110000
DSM	0.003109
NET	0.106891

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		OIL	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
<b>Month</b>									<b>0.106891</b>			
R Residential	45,071	50,202,955	\$ 10,140,852	\$ 20.1997	\$ 20.1997	\$ 10,140,852	1,114	\$ 225.00	\$ 9.5106	\$ 4,774,608	\$ 10.6891	\$ 5,366,244
D Residential - Apt & Condo	6	653,330	\$ 126,253	\$ 19.3245	\$ 19.3245	\$ 126,253	108,888	\$ 21,042.17	\$ 8.6354	\$ 56,418	\$ 10.6891	\$ 69,835
G Small Gen. Non Demand	4,501	7,108,892	\$ 1,740,901	\$ 24.4891	\$ 24.4891	\$ 1,740,901	1,579	\$ 386.78	\$ 13.8000	\$ 981,024	\$ 10.6891	\$ 759,877
J Small Gen. Demand	742	16,688,580	\$ 3,642,566	\$ 21.8267	\$ 21.8267	\$ 3,642,566	22,491	\$ 4,909.12	\$ 11.1413	\$ 1,859,326	\$ 10.6854	\$ 1,783,240
P Large General	85	18,930,932	\$ 3,983,244	\$ 21.0409	\$ 21.0409	\$ 3,983,244	222,717	\$ 46,861.69	\$ 10.4187	\$ 1,972,364	\$ 10.6222	\$ 2,010,880
I Independent Power Prod	2	29,999	\$ 6,767	\$ 22.5578	\$ 22.5578	\$ 6,767	15,000	\$ 3,383.57	\$ 12.1940	\$ 3,658	\$ 10.3638	\$ 3,109
H Private St. Lights	511	32,435	\$ 23,710	\$ 73.1011	\$ 73.10106	\$ 23,710	63	\$ 46.40	\$ 62.4120	\$ 20,243	\$ 10.6891	\$ 3,467
Sub-Total	50,918	93,647,123	\$ 19,664,294	\$ 20.9983	\$ 20.99829	\$ 19,664,294	1,839	\$ 386.20	\$ 10.3092	\$ 9,667,642	\$ 10.6891	\$ 9,996,652
Government Service:												
S Small Non Demand	686	979,317	\$ 258,104	\$ 26.3555	\$ 26.35551	\$ 258,104	1,428	\$ 376.24	\$ 15.6664	\$ 153,424	\$ 10.6891	\$ 104,680
K Small Demand	343	9,188,345	\$ 2,167,055	\$ 23.5848	\$ 23.58483	\$ 2,167,055	26,788	\$ 6,317.95	\$ 12.8957	\$ 1,184,904	\$ 10.6891	\$ 982,151
L Large	20	4,354,590	\$ 958,637	\$ 22.0144	\$ 22.01440	\$ 958,637	217,730	\$ 47,931.84	\$ 11.4651	\$ 499,256	\$ 10.5493	\$ 459,380
F Street Lighting (Agencies)	618	634,626	\$ 412,911	\$ 65.0637	\$ 65.06373	\$ 412,911	1,027	\$ 668.14	\$ 54.3746	\$ 345,075	\$ 10.6891	\$ 67,836
Sub-Total	1,667	15,156,878	\$ 3,796,707	\$ 25.0494	\$ 25.04940	\$ 3,796,707	9,092	\$ 2,277.57	\$ 14.3603	\$ 2,182,659	\$ 10.6891	\$ 1,614,048
U.S. Navy	52,585	108,804,002	\$ 23,461,001	\$ 21.5626	\$ 21.56263	\$ 23,461,001	2,069	\$ 446.15	\$ 10.8735	\$ 11,850,302	\$ 10.6891	\$ 11,610,700
	1	27,207,666	\$ 5,519,202	\$ 20.2855	\$ 20.28547	\$ 5,519,202			\$ 6.1883	\$ 1,683,703	\$ 14.0971	\$ 3,835,500
<b>TOTAL</b>	<b>52,586</b>	<b>136,011,668</b>	<b>\$ 28,980,204</b>	<b>\$ 21.3071</b>	<b>\$ 21.3071</b>	<b>\$ 28,980,204</b>	<b>2,586</b>	<b>\$ 551.10</b>	<b>\$ 9.9506</b>	<b>\$ 13,534,004</b>	<b>\$ 11.3565</b>	<b>\$ 15,446,199</b>
<b>Ten Months Ended July 2021</b>												
R Residential	44,632	487,398,958	\$ 94,502,968	\$ 19.3892	\$ 19.3892	\$ 94,502,968	10,920	\$ 2,117.40	\$ 9.5046	\$ 46,325,188	\$ 9.8847	\$ 48,177,780
D Residential - Apt & Condo	6	1,887,004	\$ 364,739	\$ 19.3290	\$ 19.3290	\$ 364,739	314,501	\$ 60,789.78	\$ 8.6399	\$ 163,035	\$ 10.6891	\$ 201,704
G Small Gen. Non Demand	4,420	61,809,211	\$ 14,839,758	\$ 24.0090	\$ 24.0090	\$ 14,839,758	13,986	\$ 3,357.79	\$ 14.0544	\$ 8,686,919	\$ 9.9546	\$ 6,152,838
J Small Gen. Demand	799	157,529,922	\$ 33,652,120	\$ 21.3624	\$ 21.3624	\$ 33,652,120	197,233	\$ 42,133.62	\$ 11.4899	\$ 18,099,981	\$ 9.8725	\$ 15,552,138
P Large General	93	182,861,662	\$ 37,322,554	\$ 20.4103	\$ 20.4103	\$ 37,322,554	1,974,748	\$ 403,051.34	\$ 10.6716	\$ 19,514,299	\$ 9.7386	\$ 17,808,255
I Independent Power Prod	2	358,317	\$ 72,671	\$ 20.2811	\$ 20.2811	\$ 72,671	179,159	\$ 36,335.35	\$ 10.9621	\$ 189,001	\$ 9.3190	\$ 33,392
H Private St. Lights	515	327,193	\$ 237,465	\$ 72.5766	\$ 72.5766	\$ 237,465	635	\$ 460.83	\$ 62.8335	\$ 55,864	\$ 9.7431	\$ 31,879
Sub-Total	50,466	892,172,267	\$ 180,992,275	\$ 20.2867	\$ 20.2867	\$ 180,992,275	17,679	\$ 3,586.44	\$ 10.4278	\$ 93,034,288	\$ 9.8589	\$ 87,957,986
Government Service:												
S Small Non Demand	677	8,732,628	\$ 2,256,468	\$ 25.8395	\$ 25.8395	\$ 2,256,468	12,902	\$ 3,333.86	\$ 15.9966	\$ 1,396,923	\$ 9.8429	\$ 859,545
K Small Demand	357	84,567,938	\$ 19,479,361	\$ 23.0340	\$ 23.0340	\$ 19,479,361	236,609	\$ 54,500.43	\$ 13.2127	\$ 11,173,674	\$ 9.8213	\$ 8,305,687
L Large	32	45,795,345	\$ 9,975,860	\$ 21.7836	\$ 21.7836	\$ 9,975,860	1,431,105	\$ 311,745.62	\$ 12.1691	\$ 5,572,879	\$ 9.6145	\$ 4,402,981
F Street Lighting (Agencies)	618	5,884,776	\$ 4,000,299	\$ 67.9771	\$ 67.9771	\$ 4,000,299	9,521	\$ 6,472.10	\$ 58.2281	\$ 3,426,593	\$ 9.7490	\$ 573,706
Sub-Total	1,684	144,980,687	\$ 35,711,987	\$ 24.6322	\$ 24.6322	\$ 35,711,987	86,076	\$ 21,202.45	\$ 14.8779	\$ 21,570,068	\$ 9.7543	\$ 14,141,919
U.S. Navy	52,150	1,037,152,954	\$ 216,704,262	\$ 20.8941	\$ 20.8941	\$ 216,704,262	19,888	\$ 4,155.40	\$ 11.0499	\$ 114,604,356	\$ 9.8442	\$ 102,099,906
	1	258,234,300	\$ 47,210,129	\$ 18.2819	\$ 18.2819	\$ 47,210,129			\$ 6.2997	\$ 16,267,999	\$ 11.9822	\$ 30,942,131
<b>TOTAL</b>	<b>52,151</b>	<b>1,295,387,255</b>	<b>\$ 263,914,392</b>	<b>\$ 20.3734</b>	<b>\$ 20.3734</b>	<b>\$ 263,914,392</b>	<b>24,839</b>	<b>\$ 5,060.58</b>	<b>\$ 10.1030</b>	<b>\$ 130,872,355</b>	<b>\$ 10.2704</b>	<b>\$ 133,042,036</b>
<b>Twelve Months Ended July 2021</b>												
R Residential	44,613	582,827,949	\$ 111,569,041	\$ 19.1427	\$ 19.1427	\$ 111,569,041	13,064	\$ 2,500.80	\$ 9.5062	\$ 55,404,714	\$ 9.6365	\$ 56,164,328
D Residential - Apt & Condo	6	1,887,004	\$ 364,739	\$ 19.3290	\$ 19.3290	\$ 364,739	314,501	\$ 60,789.78	\$ 8.6399	\$ 163,035	\$ 10.6891	\$ 201,704
G Small Gen. Non Demand	4,404	72,158,097	\$ 17,201,578	\$ 23.8387	\$ 23.8387	\$ 17,201,578	16,385	\$ 3,905.90	\$ 14.1116	\$ 10,182,631	\$ 9.7272	\$ 7,018,947
J Small Gen. Demand	816	186,549,750	\$ 39,503,698	\$ 21.1760	\$ 21.1760	\$ 39,503,698	228,522	\$ 48,391.63	\$ 11.5372	\$ 21,522,619	\$ 9.6388	\$ 17,981,079
P Large General	97	220,360,625	\$ 44,650,480	\$ 20.2625	\$ 20.2625	\$ 44,650,480	2,267,862	\$ 459,524.66	\$ 10.7554	\$ 23,700,687	\$ 9.5070	\$ 20,949,793
I Independent Power Prod	2	423,157	\$ 85,745	\$ 20.2632	\$ 20.2632	\$ 85,745	211,578	\$ 42,872.58	\$ 11.0455	\$ 230,626	\$ 9.2177	\$ 39,005
H Private St. Lights	516	394,270	\$ 284,704	\$ 72.2104	\$ 72.2104	\$ 284,704	765	\$ 552.11	\$ 62.7477	\$ 63,509	\$ 9.4627	\$ 37,309
Sub-Total	50,455	1,064,600,850	\$ 213,659,985	\$ 20.0695	\$ 20.0695	\$ 213,659,985	21,065	\$ 4,227.97	\$ 10.4516	\$ 111,267,821	\$ 9.6179	\$ 102,392,164
Government Service:												
S Small Non Demand	677	10,141,882	\$ 2,606,851	\$ 25.7038	\$ 25.7038	\$ 2,606,851	14,984	\$ 3,851.54	\$ 16.0657	\$ 1,629,364	\$ 9.6381	\$ 977,487
K Small Demand	357	100,343,466	\$ 22,926,760	\$ 22.8483	\$ 22.8483	\$ 22,926,760	280,746	\$ 64,145.75	\$ 13.2553	\$ 13,300,803	\$ 9.5930	\$ 9,625,957
L Large	32	56,022,387	\$ 12,149,286	\$ 21.6865	\$ 21.6865	\$ 12,149,286	1,750,700	\$ 379,665.19	\$ 12.2974	\$ 6,889,287	\$ 9.3891	\$ 5,259,999
F Street Lighting (Agencies)	618	7,019,414	\$ 4,778,351	\$ 68.0734	\$ 68.0734	\$ 4,778,351	11,357	\$ 7,730.92	\$ 58.5474	\$ 4,109,686	\$ 9.5259	\$ 668,665
Sub-Total	1,684	173,527,149	\$ 42,461,248	\$ 24.6695	\$ 24.6695	\$ 42,461,248	103,024	\$ 25,209.53	\$ 14.9424	\$ 25,929,140	\$ 9.5271	\$ 16,532,108
U.S. Navy	52,133	1,238,127,999	\$ 256,121,233	\$ 20.6862	\$ 20.6862	\$ 256,121,233	23,713	\$ 29,437.50	\$ 11.0810	\$ 137,196,961	\$ 9.6052	\$ 118,924,272
	1	308,342,386	\$ 54,942,256	\$ 17.8186	\$ 17.8186	\$ 54,942,256			\$ 6.3118	\$ 19,461,828	\$ 11.5068	\$ 35,480,428
<b>TOTAL</b>	<b>52,134</b>	<b>1,546,470,386</b>	<b>\$ 311,063,489</b>	<b>\$ 20.1144</b>	<b>\$ 20.1144</b>	<b>\$ 311,063,489</b>	<b>29,627</b>	<b>\$ 5,959.63</b>	<b>\$ 10.1301</b>	<b>\$ 156,658,789</b>	<b>\$ 9.9843</b>	<b>\$ 154,404,700</b>



## CCU Meeting, August 24, 2021 - GPA

GPA-318

ENERGY ACCOUNT

FOR INTERNAL USE ONLY

318Jul21

FY 2021 Versus FY 2020

	July 2021		July 2020		Y T D 2021		Y T D 2020		MOVING TWELVE MONTHS	
Gross Generation	31		31		304		304		365	
Number of days in Period	252		237		249		247		247	
Peak demand	07/17/21		07/07/20		04/16/21		10/23/19		10/23/19	
Date	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	64,220,000		61,018,000		556,462,000		581,839,000		675,401,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	29,837,200		30,431,600		269,529,600		276,977,000		323,837,200	
MEC (ENRON) Piti 9 (IPP)	30,028,900		21,061,900		279,247,600		257,687,000		330,394,700	
TEMES Piti 7 (IPP)	8,236,468		2,349,338		52,900,173		28,213,684		54,937,228	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:							0			
MDI 10MW	0		8,465		237,069		126,602		240,397	
NRG Solar Dandan	3,844,890		4,426,311		42,779,283		42,803,934		49,623,850	
Dededo CT #1	2,224,420		114,760		15,170,330		1,692,700		15,273,800	
Dededo CT #2	2,288,330		176,550		18,472,910		3,399,540		18,694,090	
Macheche CT	7,754,616		5,130,127		62,964,029		45,902,969		69,548,206	
Yigo CT (Leased)	0		4,820,099		27,846,474		40,115,682		34,111,028	
Tenjo	1,135,190		2,054,930		22,770,310		31,261,500		27,678,710	
Talofofo 10 MW	424,250		18,540		7,697,240		1,139,710		7,697,240	
Aggreko/Yigo Diesel Units	740,687		15,130,275		71,447,321		95,445,381		99,859,675	
Wind Turbine*	0		3,039		0		170,580		0	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	150,734,950		146,743,934		1,427,524,339		1,406,775,282		1,707,297,123	
Ratio to last year		102.72		96.56		101.47		97.65		100.80
Station use	6,029,882		5,444,570		55,056,775		54,583,648		65,959,945	
Ratio to Gross generation		4.00		3.71		3.86		3.88		3.86
Net send out	144,705,068		141,299,364		1,372,467,564		1,352,191,634		1,641,337,178	
Ratio to last year		102.41		96.94		101.50		97.65		100.80
KWH deliveries:										
Sales to Navy (@34.5kv)	27,207,666		27,387,340		258,234,300		259,244,095		308,342,387	
Ratio to last year		99.34		97.82		99.61		99.18		98.93
GPA-metered	117,497,402		113,912,024		1,114,233,264		1,092,947,539		1,332,994,791	
Ratio to last year		103.15		96.73		101.95		97.29		101.24
Power factor adj.	0		0		0		0		0	
Adjusted	117,497,402		113,912,024		1,114,233,264		1,092,947,539		1,332,994,791	
GPA KWH Accountability:										
Sales to civilian customers- accrual basis	108,804,002		105,728,585		1,037,152,954		1,013,070,972		1,238,127,999	
Ratio to last year		102.91		95.07		102.38		96.81		101.40
GPA use-KWH	351,522		356,094		3,358,984		3,362,660		4,048,464	
Unaccounted For	8,341,878		7,827,345		73,721,326		76,513,907		90,818,328	
Ratio to deliveries		7.10		6.87		6.62		7.00		6.81
Ratio to Gross Generation		5.53		5.33		5.16		5.44		5.32
Ratio to Net Send Out		5.78		5.55		5.37		5.66		5.55

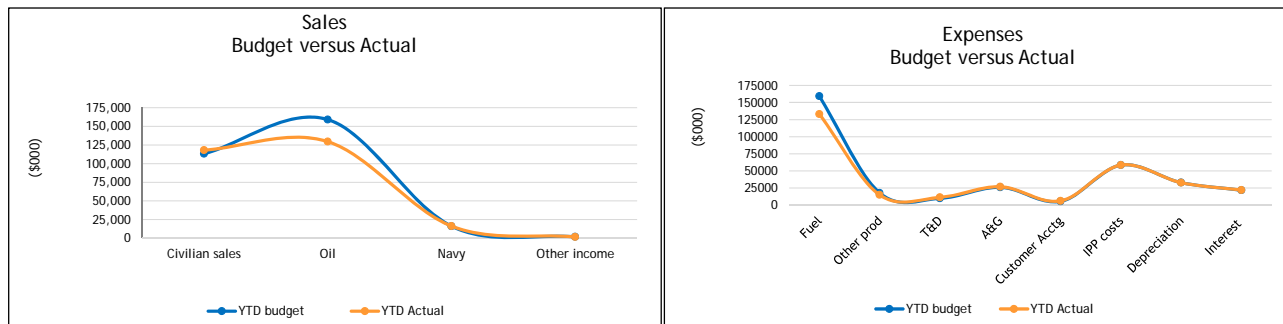
GPA-317Jul21

**Guam Power Authority**  
**Fuel Consumption**  
**FY 2021**

Description	July 2021		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARREL S	AMOUNT
<b>FUEL FURNISHED:</b>						
<b>NAVY:</b>						
Diesel	0	0	0	0	0	0
Low Sulfur	0	0	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GPA:</b>						
RFO	124,084	\$8,787,526	1,403,576	\$ 83,698,926	1,586,214	\$ 89,568,675
Diesel	55,335	\$4,800,383	625,314	\$ 46,118,382	723,688	\$ 52,204,895
Low Sulfur	66,061	\$3,833,210	294,080	\$ 14,893,735	463,966	\$ 23,167,309
Deferred Fuel Costs	0	-\$3,226,897	0	\$ (27,315,558)	0	\$ (28,889,399)
Fuel Adjustments	0	\$0	0	\$ (16,717)	0	\$ (404,016)
Fuel Handling Costs	0	\$1,251,978	0	\$ 15,663,269	0	\$ 18,757,237
	<b>245,480</b>	<b>\$15,446,200</b>	<b>2,322,970</b>	<b>\$ 133,042,037</b>	<b>2,773,868</b>	<b>\$ 154,404,702</b>
<b>IWPS:</b>						
GPA RFO	124,084	\$8,787,526	1,403,576	\$ 83,698,926	1,586,214	\$ 89,568,675
Diesel	55,335	\$4,800,383	625,314	\$ 46,118,382	723,688	\$ 52,204,895
Low Sulfur	66,061	\$3,833,210	294,080	\$ 14,893,735	463,966	\$ 23,167,309
Deferred Fuel Costs	0	-\$3,226,897	0	\$ (27,315,558)	0	\$ (28,889,399)
Fuel Variance	0	\$0	0	\$ (16,717)	0	\$ (404,016)
Fuel Handling Costs	0	\$1,251,978	0	\$ 15,663,269	0	\$ 18,757,237
	<b>245,480</b>	<b>\$15,446,200</b>	<b>2,322,970</b>	<b>\$ 133,042,037</b>	<b>2,773,868</b>	<b>\$ 154,404,702</b>
<b>AVERAGE COST/Bbl.</b>						
GPA RFO		<b>\$70.82</b>		<b>\$59.63</b>		<b>\$56.47</b>
Diesel		<b>\$86.75</b>		<b>\$73.75</b>		<b>\$72.14</b>
Low Sulfur		<b>\$58.03</b>		<b>\$50.65</b>		<b>\$49.93</b>
<b>AS BURNED</b>						
<b>Cabras 1 &amp; 2</b>						
RFO	70,070	\$ 4,966,995	793,015	\$ 46,958,068	899,212	\$ 50,346,296
Low Sulfur	40,768	\$ 2,390,487	163,402	\$ 8,339,267	266,574	\$ 13,424,078
Diesel	<u>50</u>	<u>\$ 3,279</u>	<u>1,227</u>	<u>\$ 92,729</u>	<u>1,232</u>	<u>\$ 93,147</u>
	110,888	\$ 7,360,761	957,644	\$ 55,390,064	1,167,018	\$ 63,863,522
<b>Cabras 3 &amp; 4</b>						
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	\$ -
<b>MEC (Piti Units 8&amp;9)</b>						
RFO	54,013	\$ 3,820,531	610,561	\$ 36,740,858	687,002	\$ 39,222,379
Low Sulfur	25,294	\$ 1,442,723	130,678	\$ 6,554,467	197,391	\$ 9,743,231
Diesel	<u>0</u>	<u>\$ -</u>	<u>16</u>	<u>\$ 1,439</u>	<u>16</u>	<u>\$ 1,439</u>
	79,307	\$ 5,263,255	741,254	\$ 43,296,765	884,409	\$ 48,967,049
<b>Diesel &amp; CT's - GPA:</b>						
MDI Dsl	0	\$ -	412	\$ 41,119	418	\$ 41,627
Macheche CT	15,749	\$ 1,371,957	132,261	\$ 9,770,794	147,328	\$ 10,650,495
Yigo CT	0	\$ -	59,454	\$ 4,094,993	73,174	\$ 4,904,012
Talofofo 10 MW	711	\$ 61,876	12,914	\$ 1,053,521	12,914	\$ 1,053,521
Aggreko	1,578	\$ 116,607	133,365	\$ 8,444,139	186,905	\$ 11,596,145
Tenjo	2,004	\$ 176,742	40,205	\$ 3,556,904	48,867	\$ 4,346,687
TEMES (IPP)	21,555	\$ 1,875,421	143,161	\$ 11,004,041	149,432	\$ 11,363,719
GWA Generators	<u>8</u>	<u>\$ 1,155</u>	<u>87</u>	<u>\$ 11,850</u>	<u>90</u>	<u>\$ 12,196</u>
	55,286	\$ 4,797,104	624,071	\$ 46,024,214	722,441	\$ 52,110,309
Deferred Fuel Costs	0	\$ (3,226,897)	0	\$ (27,315,558)	0	\$ (28,889,399)
Adjustment	0	\$ -	0	\$ (16,717)	0	\$ (404,016)
Fuel Handling Costs	<u>0</u>	<u>\$ 1,251,978</u>	<u>0</u>	<u>\$ 15,663,269</u>	<u>0</u>	<u>\$ 18,757,237</u>
<b>TOTAL</b>	<b>245,480</b>	<b>\$ 15,446,200</b>	<b>2,322,970</b>	<b>\$ 133,042,037</b>	<b>2,773,868</b>	<b>\$ 154,404,702</b>

**Statement of operations**  
**Comparison-Budget versus Actual**  
**For the month and year to date ended July 31, 2021**

	Budget	Actual July-21	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	107,314	108,804	(1,490)	1,009,878	1,037,153	(27,275)
Non-fuel yield	\$ 0.111721	\$ 0.108911	\$ 0.002810	\$ 0.112092	\$ 0.113876	\$ (0.001785)
KwH Sales-Navy	27,018	27,208	(190)	252,227	258,235	(6,008)
Non-fuel yield	\$ 0.063624	\$ 0.061894	\$ 0.001730	\$ 0.063624	\$ 0.062997	\$ 0.000627
Operating revenue						
Civilian sales	\$ 11,989	\$ 11,850	\$ 139	\$ 113,199	\$ 118,107	\$ (4,908)
Oil	20,380	15,446	4,934	159,104	129,541	29,563
Navy	1,719	1,684	35	16,048	16,268	(220)
DSM-Rebates	-	338	(338)	-	3,205	(3,205)
Other income	180	200	(20)	1,800	1,633	167
	<u>34,268</u>	<u>29,518</u>	<u>4,750</u>	<u>290,151</u>	<u>268,754</u>	<u>21,397</u>
Bad debts expense	87	87	0	871	871	0
Total operating revenues	\$ 34,181	\$ 29,431	\$ 4,750	\$ 289,280	\$ 267,883	\$ 21,397
Operating expenses:						
Production fuel	\$ 20,380	\$ 15,446	\$ 4,934	\$ 159,104	\$ 133,042	\$ 26,062
O & M expenses:						
Other production	1,833	1,665	168	17,876	15,004	2,872
Transmission distribution	1,335	1,036	299	9,940	11,359	(1,419)
Administrative expense	2,660	2,460	200	26,125	26,923	(798)
Customer accounting	535	709	(174)	4,601	5,308	(707)
	<u>6,363</u>	<u>5,871</u>	<u>492</u>	<u>58,542</u>	<u>58,594</u>	<u>(52)</u>
IPP costs	1,383	850	533	13,826	9,630	4,196
Depreciation	3,291	3,584	(293)	32,908	32,888	20
	<u>31,416</u>	<u>25,751</u>	<u>5,666</u>	<u>264,381</u>	<u>234,155</u>	<u>30,226</u>
Operating income	2,765	3,681	(916)	24,899	33,729	(8,829)
Other revenue (expenses):						
Investment income	83	4	80	833	760	73
Interest expense	(2,185)	(2,191)	6	(21,853)	(21,949)	96
Allowance for funds used during construction	-	13	(13)	-	761	(761)
Pandemic -COVID19	-	-	-	-	(220)	220
Losses due to typhoon	-	(903)	903	-	(961)	961
Bond issuance costs/Other expenses	89	85	4	893	849	43
Net income before capital contribution	752	688	64	4,772	12,969	(8,198)
Grants from the U.S. Government	-	-	-	-	-	-
Increase (decrease) in net assets	\$ 752	\$ 688	\$ 64	\$ 4,772	\$ 12,969	\$ (8,198)

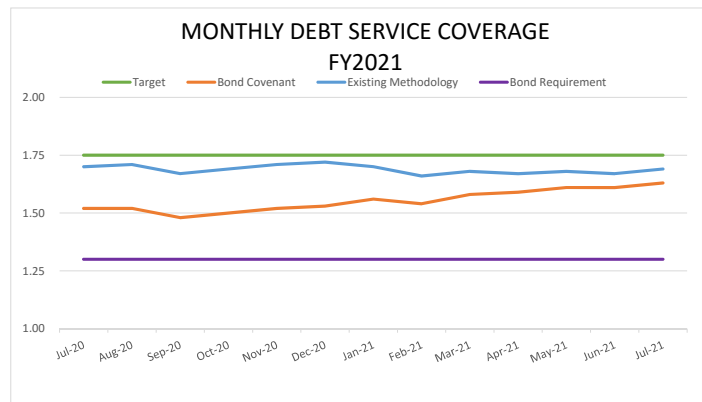


**Guam Power Authority  
Debt service coverage  
July 31, 2021**

	Restated 2017	Audited 2018	Audited 2019	Audited 2020	YTD Unaudited 2021
<b>Funds Available for Debt Service</b>					
Earnings from Operations	\$ 36,522	\$ 38,164	\$ 39,053	\$ 39,440	\$ 33,727
Interest Income	122	620	2,746	2,377	424
Depreciation Expense	44,292	37,184	36,999	37,958	32,888
Balance Available for Debt Service	\$ 80,936	\$ 75,968	\$ 78,798	\$ 79,776	\$ 67,039
<b>IPP - Capital Costs</b>					
Principal	\$ 20,796	\$ 23,210	\$ 13,470	\$ 8,399	\$ 2,217
Interest	5,609	3,159	1,068	531	28
Total IPP Payments	\$ 26,405	\$ 26,369	\$ 14,538	\$ 8,930	\$ 2,245
<b>Bond Debt Service</b>					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	-	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	2,000	-	-	-
Principal and Interest (2012 Senior TE Bond)	17,449	17,086	31,467	35,232	29,360
Principal and Interest (2014 Senior TE Bond)	5,084	5,083	5,084	5,087	4,240
Principal and Interest (2017 Senior TE Bond)	-	5,916	7,607	7,418	6,180
Total	\$ 30,532	\$ 30,086	\$ 44,158	\$ 47,737	\$ 39,780
<b>Debt Service Coverage (DSC) Calculation</b>					
Existing DSC Methodology (Senior)	1.79 x	1.65 x	1.46 x	1.48 x	1.63 x
Existing DSC Methodology (Senior+Subordinate)	1.79 x	1.65 x	1.46 x	1.48 x	1.63 x
Bond Covenant DSC	2.65 x	2.53 x	1.78 x	1.67 x	1.69 x
<b>Debt Service Coverage Requirements</b>					
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, 2017 - 2020 Audited Financial Statements and 2020-2021 Unaudited 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)

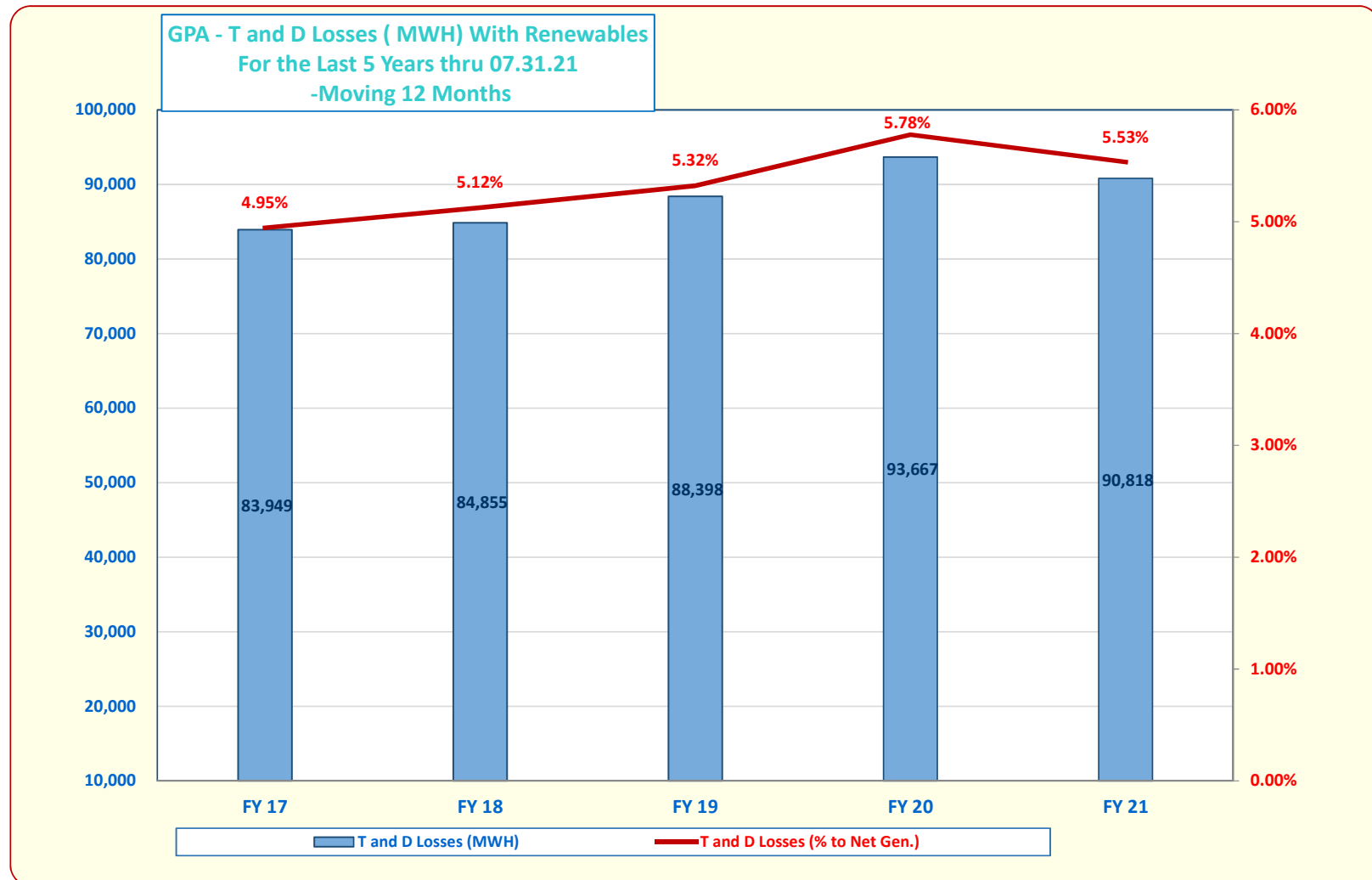


## CCU Meeting, August 24, 2021 - GPA

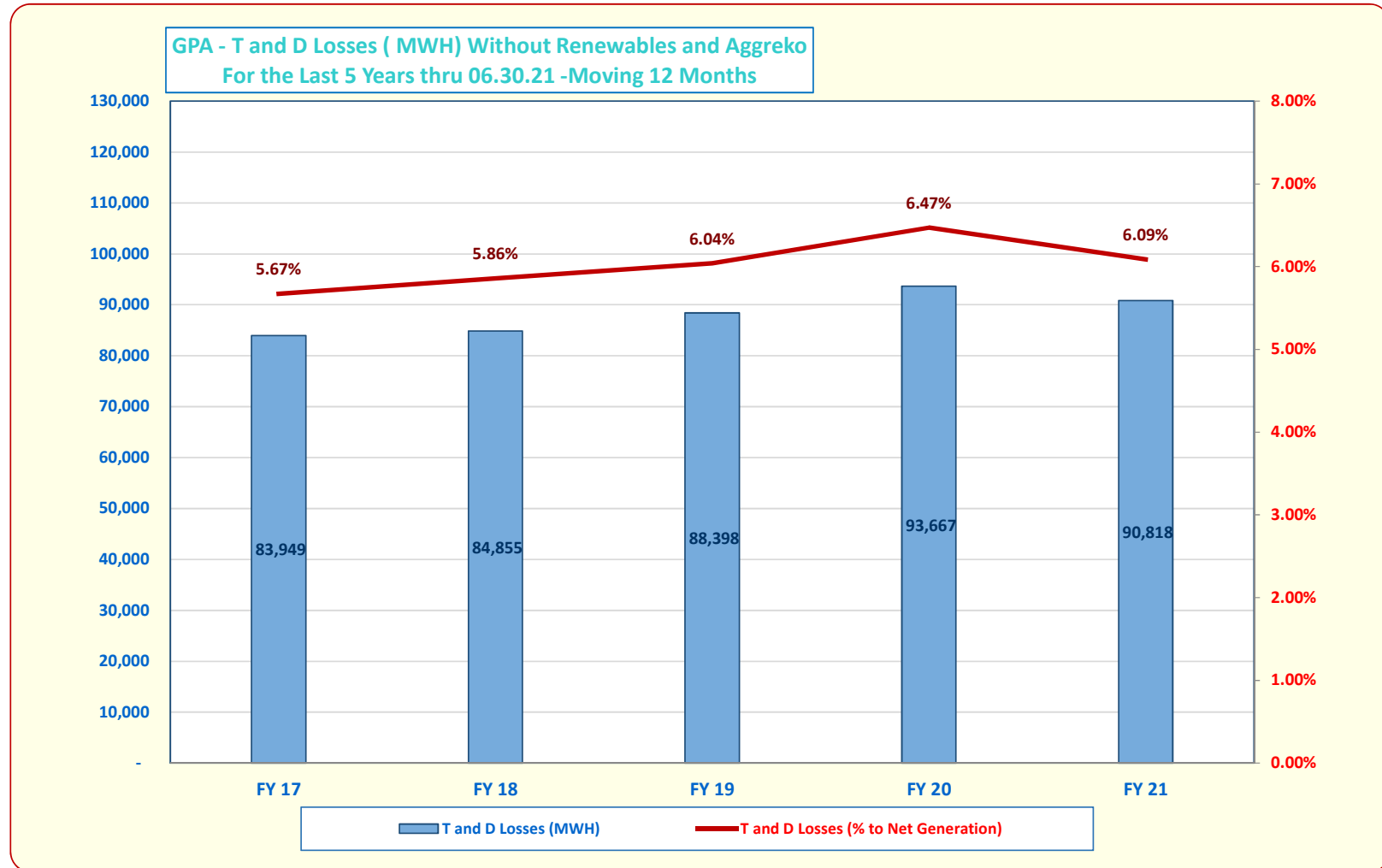
REVENUES-ACTUAL VS PROJECTIONS								
MONTHLY - JULY 2021					YTD THRU 07/31/21			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
<b>KWH</b>								
Residential	43,919,644	50,202,955	6,283,312	14.31%	400,576,384	487,398,958	86,822,574	21.67%
Residential - Apt & Condo	-	653,330	653,330	#DIV/0!	-	1,887,004	1,887,004	
Small General-Non-Demand	5,975,472	7,108,892	1,133,421	18.97%	63,473,555	61,809,211	(1,664,344)	-2.62%
Small General-Demand	16,532,786	16,688,580	155,794	0.94%	149,631,934	157,529,922	7,897,988	5.28%
Large	25,051,970	18,930,932	(6,121,038)	-24.43%	242,192,877	182,861,662	(59,331,215)	-24.50%
Independent Power Producers	33,140	29,999	(3,141)	-9.48%	307,592	358,317	50,726	16.49%
Private St. Lites	30,766	32,435	1,669	5.42%	317,895	327,193	9,297	2.92%
<b>Sub-total</b>	<b>91,543,778</b>	<b>93,647,123</b>	<b>2,103,346</b>	<b>2.30%</b>	<b>856,500,238</b>	<b>892,172,267</b>	<b>35,672,030</b>	<b>4.16%</b>
Government								
Small_Non Demand	719,765	979,317	259,553	36.06%	10,863,901	8,732,628	(2,131,273)	-19.62%
Small-Demand	8,498,531	9,188,345	689,814	8.12%	77,686,887	84,567,938	6,881,051	8.86%
Large	5,815,138	4,354,590	(1,460,548)	-25.12%	57,630,328	45,795,345	(11,834,983)	-20.54%
Public St. Lites	736,849	634,626	(102,223)	-13.87%	7,197,065	5,884,776	(1,312,288)	-18.23%
<b>Sub-total</b>	<b>15,770,282</b>	<b>15,156,878</b>	<b>(613,404)</b>	<b>-3.89%</b>	<b>153,378,181</b>	<b>144,980,687</b>	<b>(8,397,493)</b>	<b>-5.48%</b>
<b>Total-Civilian</b>	<b>107,314,060</b>	<b>108,804,002</b>	<b>1,489,941</b>	<b>1.39%</b>	<b>1,009,878,418</b>	<b>1,037,152,954</b>	<b>27,274,536</b>	<b>2.70%</b>
USN	27,017,634	27,207,666	190,033	0.70%	252,226,557	258,234,300	6,007,743	2.38%
<b>Grand Total</b>	<b>134,331,694</b>	<b>136,011,668</b>	<b>1,679,974</b>	<b>1.25%</b>	<b>1,262,104,975</b>	<b>1,295,387,255</b>	<b>33,282,280</b>	<b>2.64%</b>
<b>Non-Oil Yield</b>								
Residential	0.096307	0.095106	(0.001201)	-1.25%	0.095887	0.095046	(0.000841)	-0.88%
Residential - Apt & Condo	-	0.086354	0.086354		-	0.086399	0.086399	
Small General-Non-Demand	0.138862	0.138000	(0.000862)	-0.62%	0.138862	0.140544	0.001682	1.21%
Small General-Demand	0.120116	0.111413	(0.008703)	-7.25%	0.120116	0.114899	(0.005218)	-4.34%
Large	0.103865	0.104187	0.000322	0.31%	0.103865	0.106716	0.002851	2.74%
Independent Power Producers	0.624112	0.121940	(0.502172)	0.00%	0.624112	0.109621	(0.514490)	0.00%
Private St. Lites	0.128477	0.624120	0.495643	385.78%	0.128477	0.628335	0.499858	389.06%
<b>Sub-total</b>	<b>0.105655</b>	<b>0.103235</b>	<b>(0.002420)</b>	<b>-2.29%</b>	<b>0.105762</b>	<b>0.104278</b>	<b>(0.001484)</b>	<b>-1.40%</b>
Government								
Small_Non Demand	0.152623	0.156664	0.004042	2.65%	0.152623	0.159966	0.007343	4.81%
Small-Demand	0.133106	0.128957	(0.004149)	-3.12%	0.133106	0.132127	(0.000980)	-0.74%
Large	0.124944	0.114651	(0.010293)	-8.24%	0.124944	0.121691	(0.003253)	-2.60%
Public St. Lites	0.474388	0.543746	0.069358	14.62%	0.474388	0.582281	0.107893	22.74%
<b>Sub-total</b>	<b>0.146933</b>	<b>0.144005</b>	<b>(0.002929)</b>	<b>-1.99%</b>	<b>0.147436</b>	<b>0.148779</b>	<b>0.001343</b>	<b>0.91%</b>
<b>Total-Civilian</b>	<b>0.111721</b>	<b>0.108914</b>	<b>(0.002807)</b>	<b>-2.51%</b>	<b>0.126015</b>	<b>0.110499</b>	<b>(0.015516)</b>	<b>-12.31%</b>
USN	0.063624	0.061883	(0.001740)	-2.74%	0.063624	0.062997	(0.000627)	-0.98%
<b>Grand Total</b>	<b>0.102047</b>	<b>0.099506</b>	<b>(0.002541)</b>	<b>-2.49%</b>	<b>0.102405</b>	<b>0.101030</b>	<b>(0.001376)</b>	<b>-1.34%</b>
<b>Non-Oil Revenues</b>								
Residential	4,229,790	4,774,608	544,819	12.88%	38,409,967	46,325,188	7,915,221	20.61%
Residential - Apt & Condo	-	56,418	56,418	#DIV/0!	-	163,035	163,035	
Small General-Non-Demand	829,764	981,024	151,261	18.23%	8,814,041	8,686,919	(127,121)	-1.44%
Small General-Demand	1,985,859	1,859,326	(126,532)	-6.37%	17,973,251	18,099,981	126,730	0.71%
Large	2,602,026	1,972,364	(629,663)	-24.20%	25,155,396	19,514,299	(5,641,097)	-22.42%
Independent Power Producers	20,683	3,658	(17,025)	-82.31%	191,971	39,279	(152,692)	-79.54%
Private St. Lites	3,953	20,243	16,291	412.13%	40,842	205,587	164,744	403.37%
<b>Sub-total</b>	<b>9,672,075</b>	<b>9,667,642</b>	<b>(4,432)</b>	<b>-0.05%</b>	<b>90,585,468</b>	<b>93,034,288</b>	<b>2,448,820</b>	<b>2.70%</b>
Government								
Small_Non Demand	109,852	153,424	43,572	39.66%	1,658,076	1,396,923	(261,154)	-15.75%
Small-Demand	1,131,207	1,184,904	53,697	4.75%	10,340,602	11,173,674	833,072	8.06%
Large	726,565	499,256	(227,309)	-31.29%	7,200,550	5,572,879	(1,627,671)	-22.60%
Public St. Lites	349,552	345,075	(4,477)	-1.28%	3,414,200	3,426,593	12,393	0.36%
<b>Sub-total</b>	<b>2,317,176</b>	<b>2,182,659</b>	<b>(134,517)</b>	<b>-5.81%</b>	<b>22,613,428</b>	<b>21,570,068</b>	<b>(1,043,360)</b>	<b>-4.61%</b>
<b>Total-Civilian</b>	<b>11,989,251</b>	<b>11,850,302</b>	<b>(138,949)</b>	<b>-1.16%</b>	<b>113,198,896</b>	<b>114,604,356</b>	<b>1,405,461</b>	<b>1.24%</b>
USN	1,718,960	1,683,703	(35,257)	-2.05%	16,047,571	16,267,999	220,428	1.37%
<b>Grand Total</b>	<b>13,708,211</b>	<b>13,534,004</b>	<b>(174,207)</b>	<b>-1.27%</b>	<b>129,246,466</b>	<b>130,872,355</b>	<b>1,625,889</b>	<b>1.26%</b>
% of Total Revenues	40.21%	46.70%			44.82%	49.59%		
<b>Oil Revenues</b>								
Residential	6,663,181	5,366,244	(1,296,937)	-19.46%	50,668,924	48,177,780	(2,491,144)	-4.92%
Residential - Apt & Condo	-	69,835	69,835	#DIV/0!	-	201,704	201,704	
Small General-Non-Demand	906,557	759,877	(146,680)	-16.18%	7,961,978	6,152,838	(1,809,139)	-22.72%
Small General-Demand	2,508,239	1,783,240	(724,999)	-28.90%	18,877,580	15,552,138	(3,325,442)	-17.62%
Large	3,800,709	2,010,880	(1,789,829)	-47.09%	30,376,358	17,808,255	(12,568,103)	-41.37%
Independent Power Producers	5,028	3,109	(1,919)	-38.16%	38,459	33,392	(5,068)	-13.18%
Private St. Lites	4,668	3,467	(1,201)	-25.72%	39,848	31,879	(7,969)	-20.00%
<b>Sub-total</b>	<b>13,888,381</b>	<b>9,996,652</b>	<b>(3,891,729)</b>	<b>-28.02%</b>	<b>107,963,148</b>	<b>87,957,986</b>	<b>(20,005,161)</b>	<b>-18.53%</b>
Government								
Small_Non Demand	109,198	104,680	(4,517)	-4.14%	1,359,178	859,545	(499,633)	-36.76%
Small-Demand	1,289,338	982,151	(307,186)	-23.83%	9,800,099	8,305,687	(1,494,412)	-15.25%
Large	882,232	459,380	(422,852)	-47.93%	7,225,717	4,402,981	(2,822,736)	-39.07%
Public St. Lites	111,789	67,836	(43,954)	-39.32%	911,591	573,706	(337,885)	-37.07%
<b>Sub-total</b>	<b>2,392,557</b>	<b>1,614,048</b>	<b>(778,509)</b>	<b>-32.54%</b>	<b>19,296,586</b>	<b>14,141,919</b>	<b>(5,154,667)</b>	<b>-26.71%</b>
<b>Total-Civilian</b>	<b>16,280,938</b>	<b>11,610,700</b>	<b>(4,670,238)</b>	<b>-28.69%</b>	<b>127,259,734</b>	<b>102,099,906</b>	<b>(25,159,828)</b>	<b>-19.77%</b>
USN	4,098,926	3,835,500	(263,427)	-6.43%	31,844,755	30,942,131	(902,625)	-2.83%
<b>Grand Total</b>	<b>20,379,864</b>	<b>15,446,199</b>	<b>(4,933,665)</b>	<b>-24.21%</b>	<b>159,104,489</b>	<b>133,042,036</b>	<b>(26,062,453)</b>	<b>-16.38%</b>
% of Total Revenues	59.79%	53.30%			55.18%	50.41%		
<b>Grand Total</b>								
Residential	10,892,971	10,140,852	(752,118)	-6.90%	89,078,891	94,502,968	5,424,077	6.09%
Residential - Apt & Condo	-	126,253	126,253	#DIV/0!	-	364,739	364,739	
Small General-Non-Demand	1,736,320	1,740,901	4,581	0.26%	16,776,018	14,839,758	(1,936,261)	-11.54%
Small General-Demand	4,494,098	3,642,566	(851,531)	-18.95%	36,850,831	33,652,120	(3,198,711)	-8.68%
Large	6,402,736	3,983,244	(2,419,492)	-37.79%	55,531,754	37,322,554	(18,209,200)	-32.79%
Independent Power Producers	25,711	6,767	(18,944)	-73.68%	230,431	72,671	(157,760)	-68.46%
Private St. Lites	8,620	23,710	15,090	175.05%	80,690	237,465	156,775	194.29%
<b>Sub-total</b>	<b>23,560,456</b>	<b>19,664,294</b>	<b>(3,896,162)</b>	<b>-16.54%</b>	<b>198,548,616</b>	<b>180,992,275</b>	<b>(17,556,341)</b>	<b>-8.84%</b>
Government								
Small_Non Demand	219,050	258,104	39,054	17.83%	3,017,255	2,256,468	(760,786)	-25.21%
Small-Demand	2,420,544	2,167,055	(253,489)	-10.47%	20,140,701	19,479,361	(661,341)	-3.28%
Large	1,608,797	958,637	(650,160)	-40.41%	14,426,267	9,975,860	(4,450,407)	-30.85%
Public St. Lites	461,341	412,911	(48,430)	-10.50%	4,325,791	4,000,299	(325,492)	-7.52%
<b>Sub-total</b>	<b>4,709,733</b>	<b>3,796,707</b>	<b>(913,026)</b>	<b>-19.39%</b>	<b>41,910,014</b>	<b>35,711,987</b>	<b>(6,198,026)</b>	<b>-14.79%</b>
<b>Total-Civilian</b>	<b>28,270,189</b>	<b>23,461,001</b>	<b>(4,809,187)</b>	<b>-17.01%</b>	<b>240,458,629</b>	<b>216,704,262</b>	<b>(23,754,367)</b>	<b>-9.88%</b>
USN	5,817,886	5,519,202	(298,684)	-5.13%	47,892,326	47,210,129	(682,196)	-1.42%
<b>Grand Total</b>	<b>34,088,075</b>	<b>28,980,204</b>	<b>(5,107,871)</b>	<b>-14.98%</b>	<b>288,350,955</b>	<b>263,914,392</b>	<b>(24,436,564)</b>	<b>-8.47%</b>

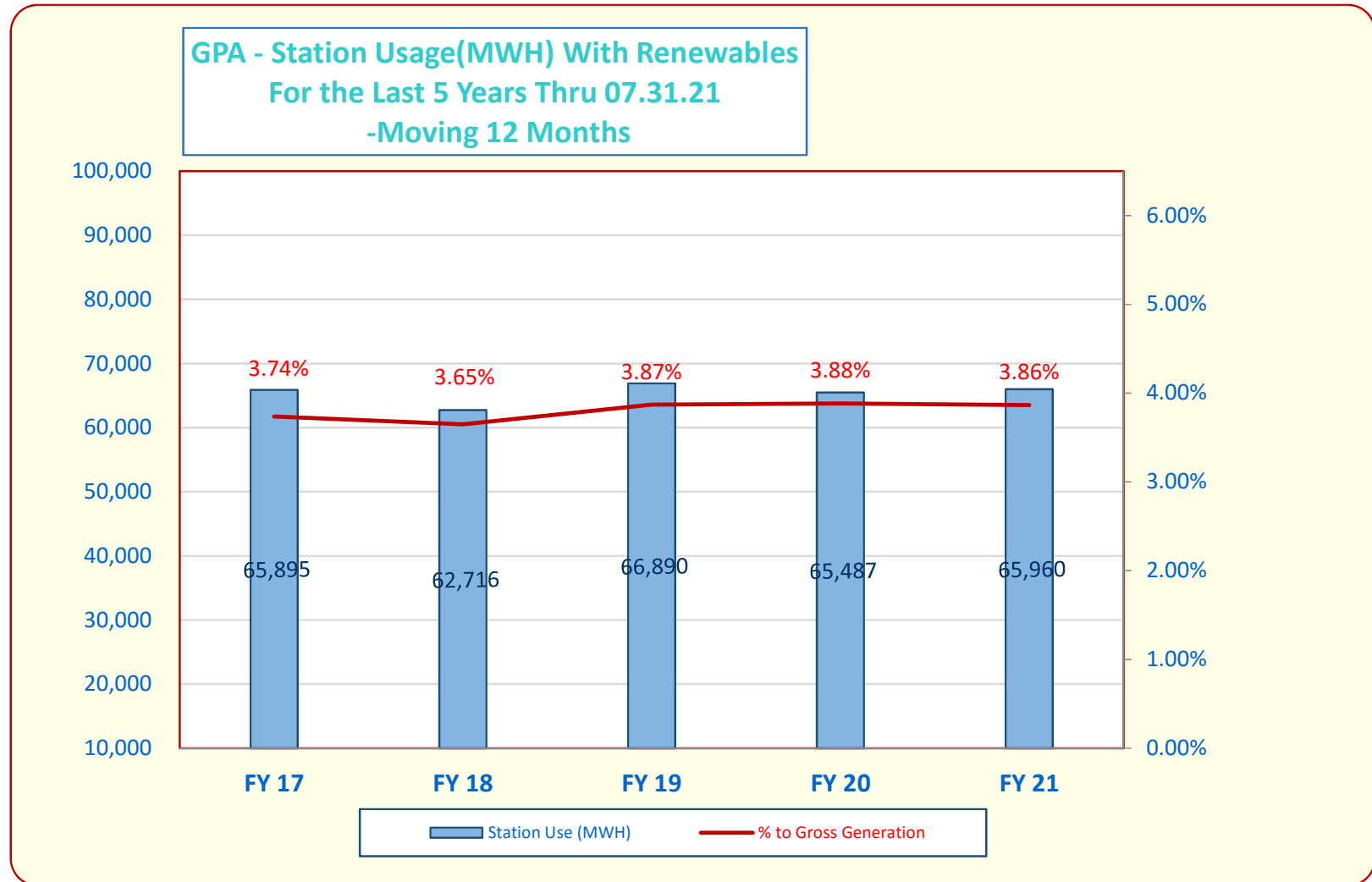
## CCU Meeting, August 24, 2021 - GPA

YTD REVENUES - CURRENT YEAR VS PRIOR YEAR					MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
ACTUALS - 10 MONTHS ENDED JULY 31					ACTUALS - MONTH ENDED JULY 31			
	2021	2020	VARIANCE	% VARIANCE	2021	2020	VARIANCE	% VARIANCE
<b>KWH</b>								
Residential	487,398,958	436,809,590	50,589,368	11.58%	50,202,955	49,363,562	839,393	1.70%
Residential - Apt & Condo	1,887,004	-	1,887,004		653,330	-	653,330	
Small General-Non-Demand	61,809,211	50,919,340	10,889,871	21.39%	7,108,892	5,435,917	1,672,975	30.78%
Small General-Demand	157,529,922	151,995,243	5,534,679	3.64%	16,688,580	15,197,638	1,490,942	9.81%
Large	182,861,662	222,007,349	(39,145,686)	-17.63%	18,930,932	20,805,621	(1,874,689)	-9.01%
Independent Power Producers	358,317	320,033	38,285	11.96%	29,999	29,903	96	0.32%
Private St. Lites	327,193	329,802	(2,610)	-0.79%	32,435	32,276	(161)	-0.50%
<b>Sub-total</b>	<b>892,172,267</b>	<b>862,381,356</b>	<b>29,790,911</b>	<b>3.45%</b>	<b>93,647,123</b>	<b>90,865,918</b>	<b>2,781,206</b>	<b>3.06%</b>
Government								
Small_Non Demand	8,732,628	6,963,894	1,768,735	25.40%	979,317	718,063	261,254	36.38%
Small-Demand	84,567,938	82,803,447	1,764,490	2.13%	9,188,345	8,245,957	942,388	11.43%
Large	45,795,345	55,013,965	(9,218,620)	-16.76%	4,354,590	5,281,556	(926,966)	-17.55%
Public St. Lites	5,884,776	5,908,307	(23,531)	-0.40%	634,626	617,089	17,537	2.84%
<b>Sub-total</b>	<b>144,980,687</b>	<b>150,689,613</b>	<b>(5,708,926)</b>	<b>-3.79%</b>	<b>15,156,878</b>	<b>14,862,665</b>	<b>294,214</b>	<b>1.98%</b>
<b>Total-Civilian</b>	<b>1,037,152,954</b>	<b>1,013,070,970</b>	<b>24,081,985</b>	<b>2.38%</b>	<b>108,804,002</b>	<b>105,728,582</b>	<b>3,075,419</b>	<b>2.91%</b>
USN	258,234,300	259,244,095	(1,009,795)	-0.39%	27,207,666	27,387,340	(179,674)	-0.66%
<b>Grand Total</b>	<b>1,295,387,255</b>	<b>1,272,315,065</b>	<b>23,072,190</b>	<b>1.81%</b>	<b>136,011,668</b>	<b>133,115,922</b>	<b>2,895,746</b>	<b>2.18%</b>
<b>Non-Oil Yield</b>								
Residential	0.095046	0.095603	-0.000557	-0.58%	0.095106	0.094035	0.001071	1.14%
Residential - Apt & Condo	0.086399	-	0.086399		0.086354	-	0.086354	
Small General-Non-Demand	0.140544	0.144781	-0.004237	-2.93%	0.138000	0.144249	-0.006249	-4.33%
Small General-Demand	0.114899	0.122171	-0.007272	-5.95%	0.111413	0.120647	-0.009234	-7.65%
Large	0.106716	0.108412	-0.001696	-1.56%	0.104187	0.111623	-0.007435	-6.66%
Independent Power Producers	0.109621	0.122844	-0.013223	-10.76%	0.121940	0.108356	0.013583	12.54%
Private St. Lites	0.628335	0.624372	0.003963	0.63%	0.624120	0.628582	-0.004462	-0.71%
<b>Sub-total</b>	<b>0.104278</b>	<b>0.106699</b>	<b>-0.002421</b>	<b>-2.27%</b>	<b>0.103235</b>	<b>0.105718</b>	<b>-0.002483</b>	<b>-2.35%</b>
Government								
Small_Non Demand	0.159966	0.164178	-0.004212	-2.57%	0.156664	0.163801	-0.007137	-4.36%
Small-Demand	0.132127	0.134033	-0.001906	-1.42%	0.128957	0.133902	-0.004945	-3.69%
Large	0.121691	0.128205	-0.006514	-5.08%	0.114651	0.127609	-0.012958	-10.15%
Public St. Lites	0.582281	0.580124	0.002157	0.37%	0.543746	0.559397	-0.015651	-2.80%
<b>Sub-total</b>	<b>0.148779</b>	<b>0.150789</b>	<b>-0.002010</b>	<b>-1.33%</b>	<b>0.144005</b>	<b>0.150777</b>	<b>-0.006772</b>	<b>-4.49%</b>
<b>Total-Civilian</b>	<b>0.110499</b>	<b>0.113257</b>	<b>-0.002758</b>	<b>-2.44%</b>	<b>0.108914</b>	<b>0.112052</b>	<b>-0.003137</b>	<b>-2.80%</b>
USN	0.062997	0.062426	0.000571	0.92%	0.061883	0.060858	0.001025	1.68%
<b>Grand Total</b>	<b>0.101030</b>	<b>0.102900</b>	<b>-0.001870</b>	<b>-1.82%</b>	<b>0.099506</b>	<b>0.101519</b>	<b>-0.002013</b>	<b>-1.98%</b>
<b>Non-Oil Revenues</b>								
Residential	46,325,188	41,760,283	4,564,905	10.93%	4,774,608	4,641,913	132,695	2.86%
Residential - Apt & Condo	163,035	-	163,035		56,418	-	56,418	
Small General-Non-Demand	8,686,919	7,372,168	1,314,751	17.83%	981,024	784,125	196,899	25.11%
Small General-Demand	18,099,981	18,569,427	(469,446)	-2.53%	1,859,326	1,833,545	25,781	1.41%
Large	19,514,299	24,068,206	(4,553,907)	-18.92%	1,972,364	2,322,382	(350,018)	-15.07%
Independent Power Producers	39,279	39,314	(35)	-0.09%	3,658	3,240	418	12.90%
Private St. Lites	205,587	205,919	(333)	-0.16%	20,243	20,917	(674)	-3.22%
<b>Sub-total</b>	<b>93,034,288</b>	<b>92,015,317</b>	<b>1,018,972</b>	<b>1.11%</b>	<b>9,667,642</b>	<b>9,606,122</b>	<b>61,520</b>	<b>0.64%</b>
Government								
Small_Non Demand	1,396,923	1,143,318	253,605	22.18%	153,424	117,620	35,804	30.44%
Small-Demand	11,173,674	11,098,384	75,290	0.68%	1,184,904	1,104,152	80,752	7.31%
Large	5,572,879	7,053,076	(1,480,198)	-20.99%	499,256	673,974	(174,717)	-25.92%
Public St. Lites	3,426,593	3,427,549	(956)	-0.03%	345,075	345,198	(123)	-0.04%
<b>Sub-total</b>	<b>21,570,068</b>	<b>22,722,328</b>	<b>(1,152,259)</b>	<b>-5.07%</b>	<b>2,182,659</b>	<b>2,240,943</b>	<b>(58,283)</b>	<b>-2.60%</b>
<b>Total-Civilian</b>	<b>114,604,356</b>	<b>114,737,644</b>	<b>(133,288)</b>	<b>-0.12%</b>	<b>11,850,302</b>	<b>11,847,065</b>	<b>3,237</b>	<b>0.03%</b>
USN	16,267,999	16,183,494	84,505	0.52%	1,683,703	1,666,749	16,953	1.02%
<b>Grand Total</b>	<b>130,872,355</b>	<b>130,921,138</b>	<b>(48,783)</b>	<b>-0.04%</b>	<b>13,534,004</b>	<b>13,513,814</b>	<b>20,190</b>	<b>0.15%</b>
% of Total Revenues								
<b>Oil Revenues</b>								
Residential	48,177,780	53,157,681	(4,979,901)	-9.37%	5,366,244	4,131,286	1,234,958	29.89%
Residential - Apt & Condo	201,704	-	201,704		69,835	-	69,835	
Small General-Non-Demand	6,152,838	6,346,314	(193,476)	-3.05%	759,877	454,937	304,939	67.03%
Small General-Demand	15,552,138	19,108,733	(3,556,595)	-18.61%	1,783,240	1,272,032	511,208	40.19%
Large	17,808,255	28,553,564	(10,745,309)	-37.63%	2,010,880	1,742,858	268,023	15.38%
Independent Power Producers	33,392	39,546	(6,155)	-15.56%	3,109	2,508	601	23.98%
Private St. Lites	31,879	42,095	(10,216)	-24.27%	3,467	2,785	682	24.91%
<b>Sub-total</b>	<b>87,957,986</b>	<b>107,247,574</b>	<b>(19,289,588)</b>	<b>-17.99%</b>	<b>9,996,652</b>	<b>7,606,405</b>	<b>2,390,247</b>	<b>31.42%</b>
Government								
Small_Non Demand	859,545	897,202	(37,657)	-4.20%	104,680	60,095	44,585	74.19%
Small-Demand	8,305,687	10,618,466	(2,312,779)	-21.78%	982,151	690,112	292,039	42.32%
Large	4,402,981	7,043,691	(2,640,709)	-37.49%	459,380	442,573	16,807	3.80%
Public St. Lites	573,706	754,047	(180,341)	-23.92%	67,836	51,645	16,191	31.35%
<b>Sub-total</b>	<b>14,141,919</b>	<b>11,751,810</b>	<b>2,390,110</b>	<b>20.34%</b>	<b>1,614,048</b>	<b>1,244,426</b>	<b>369,622</b>	<b>29.70%</b>
<b>Total-Civilian</b>	<b>102,099,906</b>	<b>75,382,732</b>	<b>26,717,173</b>	<b>35.44%</b>	<b>11,610,700</b>	<b>8,850,831</b>	<b>2,759,869</b>	<b>31.18%</b>
USN	30,942,131	28,935,907	2,006,224	6.93%	3,835,500	1,083,798	2,751,702	253.89%
<b>Grand Total</b>	<b>133,042,036</b>	<b>104,318,639</b>	<b>28,723,397</b>	<b>27.53%</b>	<b>15,446,199</b>	<b>9,934,628</b>	<b>5,511,571</b>	<b>55.48%</b>
% of Total Revenues								
<b>Grand Total</b>								
Residential	94,502,968	94,917,964	(414,996)	-0.44%	10,140,852	8,773,199	1,367,653	15.59%
Residential - Apt & Condo	364,739	-	364,739		126,253	-	126,253	
Small General-Non-Demand	14,839,758	13,718,482	1,121,276	8.17%	1,740,901	1,239,063	501,838	40.50%
Small General-Demand	33,652,120	37,677,800	(4,025,681)	-10.68%	3,642,566	3,105,577	536,990	17.29%
Large	37,322,554	52,621,770	(15,299,216)	-29.07%	3,983,244	4,065,239	(81,995)	-2.02%
Independent Power Producers	72,671	78,861	(6,190)	-7.85%	6,767	5,748	1,019	17.73%
Private St. Lites	237,465	248,014	(10,549)	-4.25%	23,710	23,702	8	0.04%
<b>Sub-total</b>	<b>180,992,275</b>	<b>199,262,891</b>	<b>(18,270,616)</b>	<b>-9.17%</b>	<b>19,664,294</b>	<b>17,212,527</b>	<b>2,451,767</b>	<b>14.24%</b>
Government								
Small_Non Demand	2,256,468	2,040,521	215,948	10.58%	258,104	177,715	80,389	45.23%
Small-Demand	19,479,361	21,716,850	(2,237,489)	-10.30%	2,167,055	1,794,264	372,791	20.78%
Large	9,975,860	14,096,767	(4,120,907)	-29.23%	958,637	1,116,547	(157,910)	-14.14%
Public St. Lites	4,000,299	4,181,596	(181,297)	-4.34%	412,911	396,843	16,068	4.05%
<b>Sub-total</b>	<b>35,711,987</b>	<b>42,035,733</b>	<b>(6,323,745)</b>	<b>-15.04%</b>	<b>3,796,707</b>	<b>3,485,369</b>	<b>311,338</b>	<b>8.93%</b>
<b>Total-Civilian</b>	<b>216,704,262</b>	<b>241,298,624</b>	<b>(24,594,362)</b>	<b>-10.19%</b>	<b>23,461,001</b>	<b>20,697,896</b>	<b>2,763,105</b>	<b>13.35%</b>
USN	47,210,129	45,119,400	2,090,729	4.63%	5,519,202	2,750,547	2,768,656	100.66%
<b>Grand Total</b>	<b>263,914,392</b>	<b>286,418,024</b>	<b>(22,503,633)</b>	<b>-7.86%</b>	<b>28,980,204</b>	<b>23,448,443</b>	<b>5,531,761</b>	<b>23.59%</b>

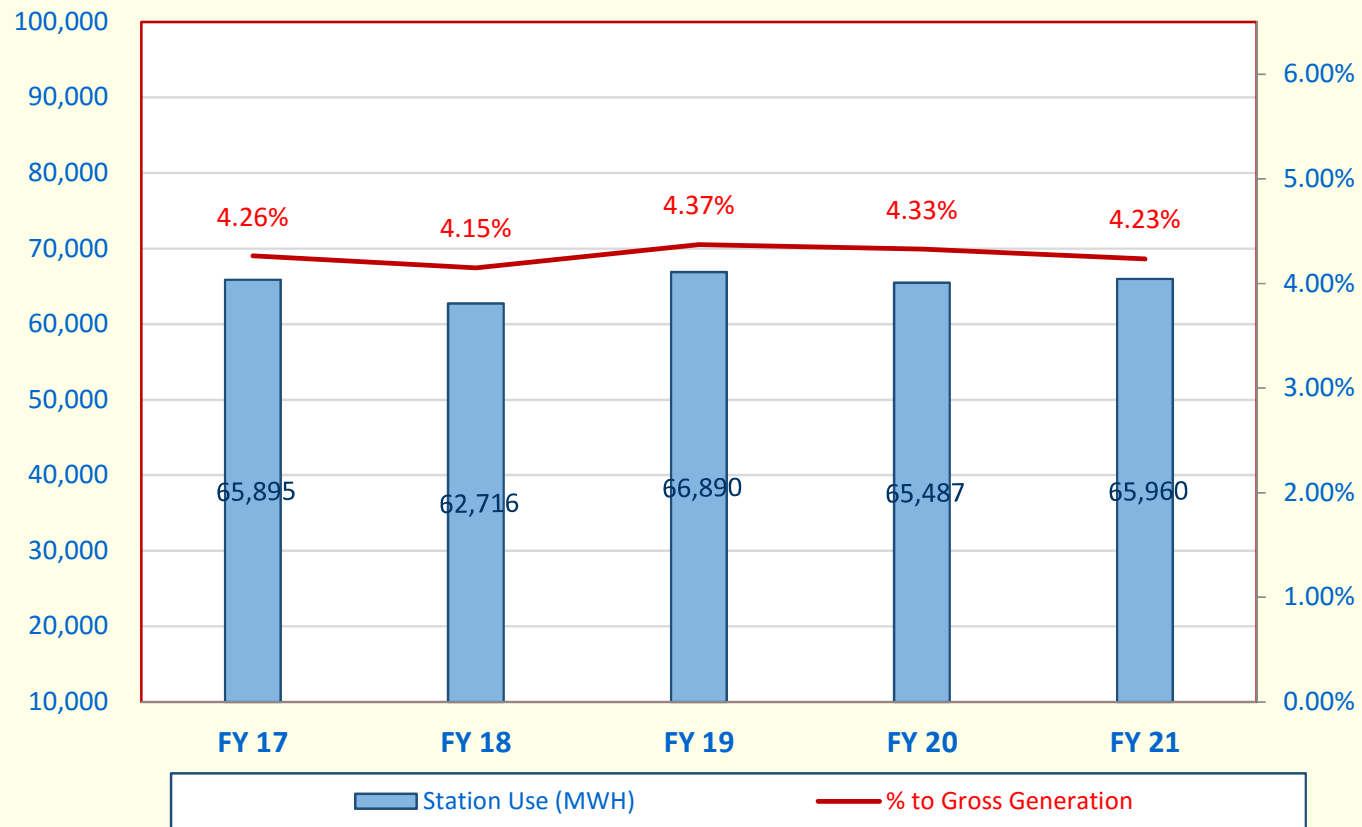


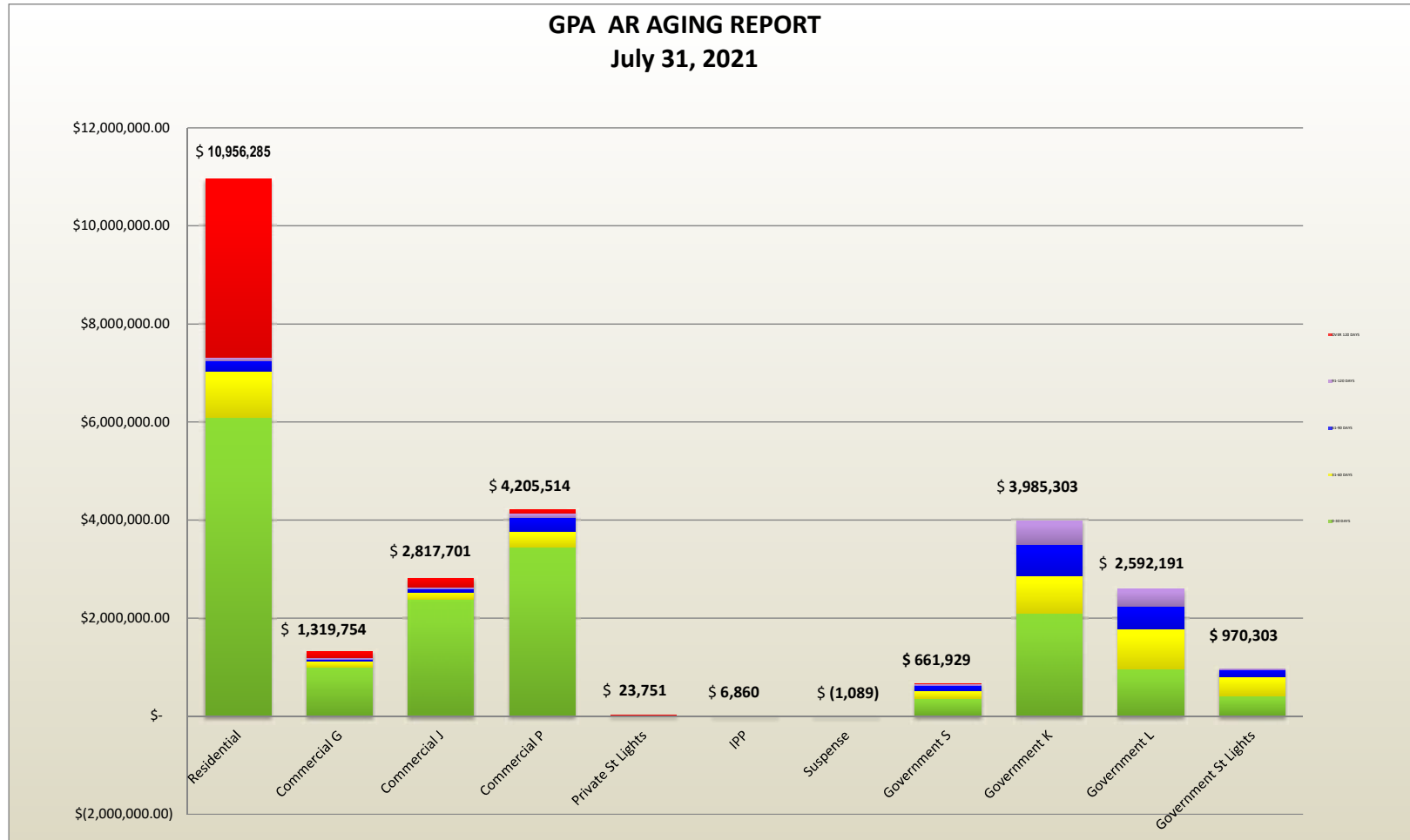






**GPA - Station Usage(MWH) Without Renewables and Aggreko  
For the Last 5 Years Thru 06.30.21-Moving 12 Months**





### ACCOUNTS RECEIVABLE BY RATE - ACTIVE

## AR AGING REPORT

**AS OF July 31, 2021**

GL ACCOUNT	RATE	TOTAL DUE	0-30 DAYS	31-60 DAYS	61-90 DAYS	91-120 DAYS	OVER 120 DAYS
1000.142000.10	Residential - R	\$ 7,298,391.74	5,968,184.72	903,001.82	208,843.91	64,328.45	154,032.84
1000.142000.11	Residential - PP	\$ 3,490,509.10	(165.81)	-	-	-	3,490,674.91
1000.142000.17	Residential - D	\$ 167,384.43	\$ 128,119.62	39,264.81			
1000.142000.12	Commercial G	\$ 1,319,754.26	1,001,943.73	115,870.00	43,622.80	30,007.96	128,309.77
1000.142000.13	Commercial J	\$ 2,817,701.14	2,387,304.93	143,276.30	71,085.75	38,847.86	177,186.30
1000.142000.14	Commercial P	\$ 4,205,513.53	3,440,859.08	330,449.12	275,141.05	90,542.78	68,521.50
1000.142000.15	Private St Lights	\$ 23,750.69	13,984.92	2,028.98	669.30	650.30	6,417.19
1000.142000.16	IPP	\$ 6,860.41	6,860.41				
1000.142000.98	Suspense	\$ (1,089.32)	(1,089.32)				
	TOTAL PRIVATE	\$ 19,328,775.98	\$ 12,946,002.28	\$ 1,533,891.03	\$ 599,362.81	\$ 224,377.35	\$ 4,025,142.51
1000.142000.19	Government S	\$ 661,929.39	\$ 362,701.93	\$ 149,094.15	\$ 104,428.90	\$ 34,289.53	\$ 11,414.88
1000.142000.20	Government K	\$ 3,985,303.33	\$ 2,099,316.92	\$ 760,664.31	\$ 632,210.10	\$ 493,112.00	\$ 0.00
1000.142000.21	Government L	\$ 2,592,191.27	\$ 972,713.46	\$ 801,519.45	\$ 463,136.56	\$ 354,397.85	\$ 423.95
1000.142000.22	Government St Lights	\$ 970,302.83	\$ 414,884.08	\$ 394,449.97	\$ 124,977.63	\$ 35,991.15	\$ 0.00
	TOTAL GOVERNMENT	\$ 8,209,726.82	\$ 3,849,616.39	\$ 2,105,727.88	\$ 1,324,753.19	\$ 917,790.53	\$ 11,838.83
	GRAND TOTAL	\$ 27,538,502.80	\$ 16,795,618.67	\$ 3,639,618.91	\$ 1,924,116.00	\$ 1,142,167.88	\$ 4,036,981.34
					\$ 22,359,353.58		
	Total Residential	\$ 10,956,285.27	\$ 6,096,138.53	\$ 942,266.63	\$ 208,843.91	\$ 64,328.45	\$ 3,644,707.75



**GUAM POWER AUTHORITY**  
ATURIDÂT ILEKTRESEDÂT GUAHAN  
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## **Issues for Decision**

***GPA Resolution No. 2021-22/GWA Resolution No. 25-FY2021***

### **Requiring GPWA Employees to be Fully Vaccinated Against SARS-CoV-2**

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

The objective of this resolution is to address the recent surge in positive cases island-wide, align GPWA's protective health & safety measures with federal guidance, and comply with the Occupational Safety and Health Administration's (OSHA) General Duty Clause which protects workers from serious and recognized workplace hazards even where there is no standard. The policy is also necessary and urgent to ensure no disruptions to the Power, Water and Wastewater systems and to protect GPWA personnel and the public who are visiting GPWA facilities from contracting COVID-19.

#### **Where is the location?**

This action affects GPWA employees in all locations.

#### **How much will it cost?**

There is no financial impact from mandating employee COVID-19 vaccinations.

#### **When will it be completed?**

Compliance with the mandatory vaccination policy is required of all GPWA employees by October 1, 2021.



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

**GPA RESOLUTION NO. 2021-22  
GWA RESOLUTION NO. 25-FY2021**

**RELATIVE TO REQUIRING GPWA EMPLOYEES TO BE FULLY VACCINATED  
AGAINST SARS-CoV-2**

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

**WHEREAS**, pursuant to Public Law 28-159 and Title 12, Chapter 14 of the Guam Code Annotated, the Consolidated Commission on Utilities has the power and authority to establish policies for the Guam Power Authority and the Guam Waterworks Authority (“GPWA”) which includes terms and conditions of employment applicable to all Certified, Technical and Professional employees; and

**WHEREAS**, the Guam Power Authority and the Guam Waterworks Authority are Guam Public Corporations established and existing under the laws of Guam; and

**WHEREAS**, the island of Guam achieved the community goal of 80% adult vaccinations, which allowed for the reopening of the island's economy, removing social gathering limitations and capacity limitations at local establishments, while maintaining a mask mandate; and

**WHEREAS**, notwithstanding the achievement of this goal, tens of thousands of individuals remain unvaccinated, which renders them still vulnerable to infection, to suffering severe symptoms once infected, and to infecting others; and

//

//



1       **WHEREAS**, notwithstanding the high level of vaccinations within the community, there  
2 is a surge in positive cases on the island, with daily new cases averaging 24 during the last 14 days;  
3 and  
4

5       **WHEREAS**, unvaccinated individuals in Guam presently test positive for COVID- 19 at  
6 a rate that is thirteen (13) times higher than fully vaccinated individuals; and  
7

8       **WHEREAS**, the Centers for Disease Control and Prevention (CDC) cites growing  
9 evidence indicates that people fully vaccinated are less likely than unvaccinated persons to acquire  
10 SARS-CoV-2 or to transmit it to others; and  
11

12       **WHEREAS**, on May 28, 2021, the U.S. Equal Employment Opportunity Commission  
13 ("EEOC") issued technical guidance clarifying that federal EEO laws do not prevent employers  
14 from requiring all employees physically entering the workplace to be vaccinated for COVID-19,  
15 subject to reasonable accommodations as provided in Title VII of the Americans with Disabilities  
16 Act and other federal employment discrimination laws, which may require an employer to provide  
17 reasonable accommodations for employees who do not get vaccinated for COVID- 19 because of  
18 a disability or a sincerely held religious belief, practice or observance; and  
19

20       **WHEREAS**, on July 26, 2021, the U.S. Department of Justice issued a Memorandum  
21 Opinion concluding that Section 564 of the Federal Food, Drug and Cosmetic Act permits public  
22 and private employers alike to impose the COVID-19 vaccination as a condition of employment  
23 even when the vaccine is subject to Emergency Use Authorization; and  
24

25       **WHEREAS**, multiple attempts through the judicial process to prevent both an employer  
26 and university from mandating vaccinations have failed, reinforcing the guidance provided by the  
27 U.S. Department of Justice; and  
28

29 //

30 //

31 //

1       **WHEREAS**, on August 23, 2021 the U.S. Food and Drug Administration (FDA) granted  
2 full approval to Pfizer-BioNTech for their COVID-19 Vaccine for use in persons aged 16 and  
3 older, and in an official statement said about the Pfizer-BioNTech vaccine: “as the first FDA-  
4 approved COVID-19 vaccine, the public can be very confident that this vaccine meets the high  
5 standards for safety, effectiveness, and manufacturing quality the FDA requires of an approved  
6 product;” and

7  
8       **WHEREAS**, GPWA is obligated to maintain compliance with the Occupational Safety  
9 and Health Administration’s (OSHA) General Duty Clause which protects workers from serious  
10 and recognized workplace hazards even where there is no standard; and,

11  
12       **WHEREAS**, the sixteen percent (16%) of GPA personnel and the twenty-two percent  
13 (22%) of GWA personnel remain unvaccinated and pose a risk to system operations should a  
14 COVID-19 outbreak occur within any section; and

15  
16       **WHEREAS**, a mandatory vaccination policy is necessary to ensure no disruptions to the  
17 Power, Water and Wastewater systems and to protect GPWA personnel and the public who are  
18 visiting GPWA facilities from contracting COVID-19.

19  
20       **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities  
21 does hereby approve the following:

- 22           1. The recitals set forth above hereby constitute the findings of the CCU.
- 23           2. GPWA Management shall immediately develop a Mandatory Vaccination  
24 Policy for implementation that aligns with Government of Guam Executive  
25 Order 2021-17, federal technical guidance and U.S. Department of Justice  
26 memoranda.
- 27           3. GPWA Personnel must be in compliance with the Mandatory Vaccination  
28 Policy by October 1, 2021.

29 //

30  
31 //  
32

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

3  
4       **DULY AND REGULARLY ADOPTED**, this 24<sup>th</sup> day of August, 2021.

5       Certified by:

Attested by:

6  
7       \_\_\_\_\_  
8       **JOSEPH T. DUENAS**  
9       Chairperson

\_\_\_\_\_  
**MICHAEL T. LIMTIACO**  
Secretary

10  
11                               **SECRETARY'S CERTIFICATE**

12  
13       I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as  
14 evidenced by my signature above do hereby certify as follows:

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

19  
20       AYES: \_\_\_\_\_

21       NAYS: \_\_\_\_\_

22       ABSENT: \_\_\_\_\_

23       ABSTAIN: \_\_\_\_\_

24  
25  
26       ///

27  
28       ///

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31       ///

# Proposed FY 2022- FY 2023 Budget

(in '000)	FY2018 Actuals	FY 2019 Actuals	FY 2020 Actuals	FY2021 Projected	FY2022 Proposed	FY2023 Proposed
<b>REVENUES</b>						
Base Rate Revenues	\$ 160,762	\$ 160,863	\$ 156,575	\$ 155,000	\$ 156,200	\$ 160,800
Fuel Revenues	217,567	238,870	176,992	197,454	249,186	236,432
Miscellaneous Revenues	<u>2,217</u>	<u>3,219</u>	<u>3,067</u>	<u>1,769</u>	<u>2,160</u>	<u>2,212</u>
<b>Total Revenues</b>	<b>380,546</b>	<b>402,952</b>	<b>336,634</b>	<b>354,223</b>	<b>407,546</b>	<b>399,444</b>
Bad Debt Expense	<u>(678)</u>	<u>(415)</u>	<u>(1,091)</u>	<u>(1,063)</u>	<u>(1,223)</u>	<u>(1,198)</u>
Net Operating Revenues	379,868	402,537	335,543	353,160	406,324	398,245
Production Fuel	217,567	238,870	176,992	197,454	249,186	236,432
IPP	14,322	10,783	9,135	12,055	12,810	13,996
<b>O&amp;M EXPENSES</b>						
Yigo Diesel and operating supplies	6,396	7,338	6,357	6,399	6,386	6,631
Utilities - Water & Communications	2,666	2,831	2,199	2,621	2,988	3,137
Workforce - Personnel & Apprentices	42,756	44,806	54,147	46,276	47,953	50,554
Contractual	11,220	12,808	11,304	12,068	15,672	16,418
Administrative & General	<u>9,589</u>	<u>8,627</u>	<u>8,945</u>	<u>8,530</u>	<u>9,184</u>	<u>9,695</u>
<b>Total O&amp;M Expenses</b>	<b>70,373</b>	<b>71,695</b>	<b>71,671</b>	<b>75,894</b>	<b>82,182</b>	<b>86,435</b>
Depreciation	<u>37,184</u>	<u>36,999</u>	<u>37,645</u>	<u>38,706</u>	<u>40,254</u>	<u>41,864</u>
<b>Total Operating Expenses</b>	<b>341,703</b>	<b>363,483</b>	<b>307,840</b>	<b>324,109</b>	<b>384,433</b>	<b>378,727</b>
<b>Earnings From Operations</b>	<b>38,165</b>	<b>39,054</b>	<b>27,703</b>	<b>29,051</b>	<b>21,891</b>	<b>19,519</b>
Interest and other income (expenses)	<u>(27,773)</u>	<u>(23,885)</u>	<u>(22,997)</u>	<u>(24,074)</u>	<u>(23,674)</u>	<u>(22,509)</u>
<b>Net Earnings</b>	<b>\$ 10,392</b>	<b>\$ 15,169</b>	<b>\$ 4,707</b>	<b>\$ 4,977</b>	<b>\$ (1,783)</b>	<b>\$ (2,990)</b>



\* FY2021 approved fuel budget was \$191,023. \$35 million adjustment was approved.



# Proposed FY 2022- FY2023 Budget - Debt Services

(Principal & Interest) (in '000)	FY 2021 Projected	FY 2022 Projected	FY 2023 Projected
2012 Revenue Bond	\$ 35,232	\$ 34,005	\$ 31,469
2014 Revenue Bond	\$ 5,086	\$ 5,086	\$ 5,083
2017 Revenue Bond	\$ 7,418	\$ 7,733	\$ 11,452
Total	\$ 47,736	\$ 47,824	\$ 48,004
Debt Service Coverage (Bond Method)	1.44	1.32	1.30
Debt Service Coverage (S&P Method)	1.40	1.32	1.30

# Proposed FY 2022- FY2023 Budget - Cash Flow

( in '000)	FY 2021 Projected	FY 2022 Proposed	FY 2023 Proposed
Net Income	\$ 4,977	\$ ( 1,783)	\$ ( 2,990)
Depreciation & amortization	37,636	39,780	41,389
(Unrecovered) recovered fuel cost	(12,000)	10,000	0
CIP – internally funded	(11,780)	(32,203)	(22,122)
Principal payments	(23,757)	(22,706)	(24,020)
Piti 8 & 9 Recapitalization	<u>( 3,764)</u>	<u>( 3,764)</u>	<u>( 3,764)</u>
Cash Carry Over – Surplus/(Deficit)	( 8,688)	(10,676)	(11,507)
Beginning Cash Balance	<u>65,244</u>	<u>56,556</u>	<u>45,880</u>
<b>Ending Cash Balance</b>	<b>\$ 56,556</b>	<b>\$ 45,880</b>	<b>\$ 34,373</b>



## Proposed FY 2022- FY2023 Budget - Base Revenue

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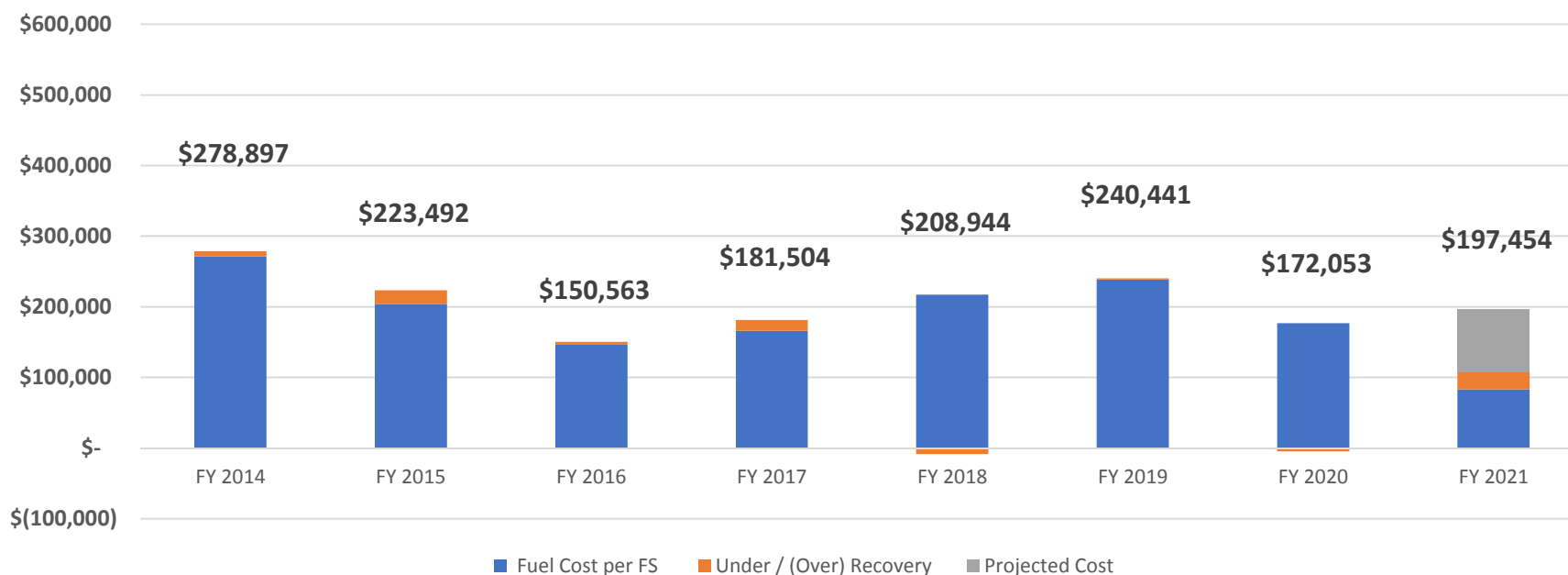
(In '000 )	FY 2018 Actuals	FY 2019 Actuals	FY 2020 Actuals	FY 2021 Projected	FY 2023 Proposed	FY 2023 Proposed
Base Revenues	\$ 160,762	\$ 160,863	\$156,575	\$ 155,000	\$156,000	\$160,800



# Proposed FY 2022- FY 2023 Budget - LEAC

Period	Projected mWh Sales	LEAC Rate	(in '000) Fuel Revenues	Period	Projected mWh Sales	LEAC Rate	(in '000) Fuel Revenues
Oct 2021 - Jan 2022	498,717	\$ 0.150800	\$ 75,207	Oct 2022 - Jan 2023	516,806	\$ 0.1508	\$ 77,934
Feb 2022 - Jul 2022	763,387	\$ 0.171458	130,889	Feb 2023 - Jul 2023	791,044	\$ 0.1508	119,289
Aug 2022 - Sep 2022	<u>251,321</u>	\$ 0.171458	<u>43,091</u>	Aug 2023 - Sep 2023	<u>260,000</u>	\$ 0.1508	<u>39,208</u>
<b>Total</b>	<b>1,513,425</b>		<b>\$ 249,186</b>		<b>1,567,850</b>		<b>\$ 236,431</b>

Fuel Cost - Net of under / (over) recovery





# Operating Expenses Budget – Workforce

	FY18	FY19	FY20	FY21	FY22	FY23
Approved FTE	510	500	490	490	490	490
Actual FTE (at year-end)	464	454	443	430		

(In '000)	FY2019 Actuals	FY2019 Actuals	FY2020 Actuals	FY2021 Projected	FY2022 Proposed	FY2023 Proposed
Salaries & Wages	\$ 30,740	\$ 32,313	\$ 32,170	\$ 34,015	\$ 34,583	\$ 36,567
Employee Benefits	9,260	8,976	8,822	11,068	11,948	12,571
Retiree Benefits	<u>4,325</u>	<u>4,258</u>	<u>4,114</u>	<u>4,583</u>	<u>4,600</u>	<u>4,784</u>
Total Labor & Benefits	44,325	45,547	45,106	49,666	51,131	53,922
GASB Adjustments	2,256	5,137	12,297	0	0	0
Less Capitalized Labor	<u>(3,825)</u>	<u>(5,878)</u>	<u>(3,356)</u>	<u>(4,948)</u>	<u>(6,092)</u>	<u>(6,459)</u>
Total Personnel	42,756	44,806	54,147	44,718	45,039	47,463
Apprentice labor	3	423	1,114	1,559	1,914	1,991
Workforce Interns	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,000</u>	<u>1,100</u>
Total Workforce Contracts	3	423	1,115	1,559	2,914	3,091
<b>Total Work Force</b>	<b>\$ 42,759</b>	<b>\$ 45,229</b>	<b>\$ 55,261</b>	<b>\$ 46,277</b>	<b>\$ 47,953</b>	<b>\$ 50,554</b>

# Operating Expenses Budget

(in '000)	FY 2018 Actuals	FY 2019 Actuals	FY 2020 Actuals	FY 2021 Projected	FY 2022 Proposed	FY 2022 Proposed
Fixed Management Fee	\$ 2,374	\$ 2,440	\$ 2,503	\$ 2,660	\$ 2,770	\$ 2,853
Software & Network Maintenance	\$ 1,303	\$ 1,440	\$1,282	\$ 1,678	\$ 2,148	\$ 2,234
Security Guard/Armored Car	\$ 897	\$ 851	\$ 836	\$ 866	\$ 1,028	\$ 1,069
USDA snake control	\$ 213	\$ 199	\$ 209	\$ 246	\$ 246	\$ 258
Vegetation Management	\$ 419	\$ 100	\$ 42	\$ 94	\$ 347	\$ 499
Diesel units (Aggreko Units)	\$ 3,230	\$ 3,183	\$ 3,068	\$ 3,398	\$ 3,157	\$ 3,315
Utilities - Water	\$ 2,203	\$ 2,379	\$ 1,770	\$ 2,200	\$ 2,501	\$ 2,626
Insurance - Property, Casualty & Workmen's Comp	\$ 7,249	\$5,797	\$6,660	\$6,538	\$6,868	\$7,212

# Proposed FY 2022- FY 2023 CIP

	FY2018 Actuals	FY2019 Actuals	FY2020 Actuals	FY2021 Projected Year End	Carry Overs	FY2022 Proposed Budget	FY2023 Proposed Budget
Overhaul	\$2,847,123	\$1,870,874	\$1,728,431	\$3,111,476	\$4,337,725	\$14,900,505	\$8,491,359
Network - SCADA, Advanced Meter Infrastructure, Oracle Enhancement and Disaster Recovery	2,849,611	1,543,193	2,404,975	884,344	324,000	3,390,508	1,380,800
Substation and Transmission Improvements	1,038,736	1,473,257	845,157	1,025,118	46,125	2,539,225	1,453,500
Water Well System Improvements	176,208	173,994	802,959	270,384	86,350	286,350	1,900,000
Heavy Equipment - Bucket trucks, Diggers	2,007,399	2,069,507	2,242,161	69,178	1,326,988	1,805,488	1,520,000
Other General	<u>312,630</u>	<u>294,080</u>	<u>129,932</u>	<u>165,707</u>	<u>34,017</u>	<u>2,962,847</u>	<u>284,315</u>
<b>General Plant</b>	<b>9,231,707</b>	<b>7,424,905</b>	<b>8,153,616</b>	<b>5,526,207</b>	<b>6,155,205</b>	<b>25,884,923</b>	<b>15,029,974</b>
Engineering Projects	4,091,885	2,943,770	864,751	3,352,275	1,167,765	2,192,765	2,750,000
Line Extensions	<u>1,477,663</u>	<u>1,571,218</u>	<u>2,631,914</u>	<u>2,901,645</u>	<u>0</u>	<u>4,125,174</u>	<u>4,342,289</u>
<b>Total - CIP</b>	<b>\$14,801,255</b>	<b>\$11,939,893</b>	<b>\$11,650,281</b>	<b>\$11,780,126</b>	<b>\$7,322,970</b>	<b>\$32,202,862</b>	<b>\$22,122,263</b>



# Proposed FY2022–FY 2023 - CIP Budget Details

Overhaul	(In '000) FY 2022	(In '000) FY 2023	Description
Cabras 2	\$ 6,164		Turbine generator, boiler tube, burner Front components, archway tubes, boiler water well, 480v M.C.C., air preheater hot and cold basket
Cabras 1		\$4,824	Front blanked burner A 2 throat water tube and boiler water wall tube, boiler system, boiler tube, water pump, air preheater
Yigo diesel	\$1,400	\$1,200	Major overhaul, radiator replacement
Gas CT	\$2,311	\$1,572	Generator overhaul, air intake and exhaust duct, upgrade control system, motor, compressor, water system control
Diesel plants	\$1,238		Cooling towers, ventilation fans, fuel berm upgrade, air compressors, cylinder head
Piti 7	\$3,622	\$895	Smoke stack replacement, 2 <sup>nd</sup> & 3 <sup>rd</sup> stage bucket, nozzle, water treatment system, control system upgrade

# Proposed FY2022–FY 2023 - CIP Budget Details

Network	(In '000) FY 2022	(In '000) FY 2023	Description
SCADA	\$ 324		Upgrade for SCADA/EMS System to include setup of remote access and database backup.
Disaster Recovery	\$ 600	\$ 400	All software in the network and SCADA (software)
Oracle enhancements & digital transformation	\$490	\$300	Warehouse module, employee self-service, DocuSign, e-documents, barcode scanners, barcode printers, QR code
Advance meter infrastructure	\$355	\$300	GenOps, Stochastics, Tier II wireless communication equipment and installation, substation communication Tier 1, mobile workforce

# Proposed FY2022–FY 2023 - CIP Budget Details

Substation & transmission	(In '000) FY 2022	(In '000) FY 2023	Description
Circuit Breaker	\$920	\$300	SF6 Circuit breaker, 115kv circuit breaker,
Tower	\$400	\$400	Tower 22, monotube
Substation controller I/O modules	\$120	\$80	Network monitoring and security for substation links
Glove testing machine & training	\$200		To be utilized by all T&D sections.

Water Well System	(In '000) FY 2022	(In '000) FY 2023	Description
Portable Generators	\$200	\$400	Various generators (30kw, 75kw, 150kw, 175kw, 200kw, 300kw, 350kw, 400kw, 600kw)
Waste Water Pre-Treatment		\$1,500	Compliance of waste water discharge to GWA NDWWTP (Phosphates)



# Proposed FY2022–FY 2023 - CIP Budget Details

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Heavy Equipment	(In '000 ) FY 2022	(In '000) FY 2023	Description
Bucket trucks	\$1,036	\$800	55ft, 65ft bucket trucks
Diggers	\$401		
Utility trucks	\$78	\$720	Fleet replacement program

# Proposed FY2022–FY 2023 - CIP Budget Details

Engineering Projects	(In '000) FY 2022	(In '000) FY 2023	Description
Storage tank 1935	\$600		Refurbishment
Physical security		\$350	Critical facilities at Generation facilities, Fadian, 115 kV Substations
LED Streetlight	\$350	\$350	Labor and materials
Fiber to All Substations		\$200	Interconnected to IWPS to reduce relay miscoordination and outage durations
Relay upgrade		\$1,000	System stability upgrade for solar plants







**GUAM POWER AUTHORITY**  
ATURIDÂT ILEKTRESEDÂT GUAHAN  
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## **Issues for Decision**

### **Resolution No. 2021-23:**

#### **Relative to the Adoption of a Budget for GPA for Fiscal Years 2022 and 2023**

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

Section 8117 of Chapter 8 of Title 12 of Guam Code Annotated authorizes the Consolidated Commission on Utilities (CCU) to adopt an annual budget for the Authority. Section 6.11 of the GPA Bond Indenture Agreement requires the Authority to provide a copy of an approved budget to the Bond Trustee prior to the beginning of each fiscal year. The General Manager has reviewed the budget to ensure that all budget expenditures are consistent with the strategic goals of the Authority.

##### **How much will it cost?**

The General Manager of the Guam Power Authority has reviewed and proposes the budget for Fiscal Years 2022 and 2023 totaling \$407,546,000 and \$399,444,000, respectively. The General Manager has reviewed and proposes a Revenue Funded Capital Improvement Project (CIP) budget totaling \$32,202,862 and \$22,122,263.

##### **When will it be effective?**

October 1, 2021 & October 1, 2022



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

**GPA RESOLUTION 2021-023**

**RELATIVE TO THE ADOPTION OF A BUDGET FOR THE  
GUAM POWER AUTHORITY FOR FISCAL YEARS 2022 AND 2023**

**WHEREAS**, the Guam Power Authority (GPA) is a Public Corporation of the Government of Guam; and

**WHEREAS**, Section 8117 of Chapter 8 of Title 12 of Guam Code Annotated authorizes the Consolidated Commission on Utilities (CCU) to adopt an annual budget for the Authority; and

**WHEREAS**, Section 6.11 of the GPA Bond Indenture Agreement requires the Authority to provide a copy of an approved budget to the Bond Trustee prior to the beginning of each fiscal year; and

**WHEREAS**, the General Manager of the Guam Power Authority has reviewed and proposes the budget for Fiscal Years 2022 and 2023 totaling \$407,546,000 and \$399,444,000, respectively; and

**WHEREAS**, the General Manager has reviewed and proposes a Revenue Funded Capital Improvement Project (CIP) budget totaling \$32,202,862 and \$22,122,263; and

**WHEREAS**, the General Manager has reviewed the budget to ensure that all budget expenditures are consistent with the strategic goals of the Authority; and

**NOW, THEREFORE BE IT RESOLVED BY THE CONSOLIDATED COMMISSION ON UTILITIES AS THE GOVERNING BODY OF THE GUAM POWER AUTHORITY, AS FOLLOWS:**

1. The Fiscal Years 2022 and 2023 proposed budget of \$407,546,000 and \$399,444,000, respectively, of operating revenues and operating expenses in addition to other cash flow requirements such as debt services, working capital and conforming to obligatory debt coverage ratio of 1.3 are hereby approved (Exhibit A).

- 33 2. The authorized level of positions within the Authority shall be 490 FTEs.
- 34 3. The General Manager is authorized to implement structural pay adjustment to the 25<sup>th</sup> market
- 35 percentile in Fiscal Year 2023 based on the 2017 Market Data or updated data as it becomes
- 36 available and subject to availability of funds.
- 37 4. The General Manager is authorized to transfer no more than 10% of the overall approved GPA
- 38 Budget, exception that there shall be no transfer into the personnel account from other non-
- 39 labor accounts.

40

41 **RESOLVED**, that the Chairman of the Commission certifies and the Board Secretary of this

42 Resolution.

43

44

45 **DULY and REGULARY ADOPTED AND APPROVED THIS this 24<sup>th</sup> DAY of AUGUST**

46 **2021**

47

48 Certified by:

Attested by:

\_\_\_\_\_  
JOSEPH T. DUENAS  
Chairman  
Consolidated Commission on Utilities

\_\_\_\_\_  
MICHAEL LIMTIACO  
Secretary  
Consolidated Commission on Utilities

49

50 **I, Michael Limtiaco**, Secretary for the Consolidated Commission on Utilities (CCU), as

51 evidenced by my signature above do certify as follows:

52

53 The foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting

54 of the members of Guam Consolidated Commission on Utilities, duly and legally held at the meeting

55 place properly noticed and advertised at which meeting a quorum was present and the members who were

56 present voted as follows:

57

58 Ayes: \_\_\_\_\_

59 Nays: \_\_\_\_\_

60 Absent: \_\_\_\_\_

61 Abstain: \_\_\_\_\_

62

63

64

**GPA Revenue Requirement  
Fiscal Year 2022 & 2023**

**Exhibit A**

**Proforma Income Statements**

(in '000)

	<b>FY2022 Proposed</b>	<b>FY2023 Proposed</b>
<b>1 REVENUES</b>		
2 Existing Base Rate Revenues	\$ 156,200	\$ 160,800
3 Fuel Revenues	249,186	236,432
4 Miscellaneous Revenues	2,160	2,212
5 <b>Total Revenues</b>	<b>407,546</b>	<b>399,444</b>
6 Bad Debt Expense	(1,223)	(1,198)
7 <b>Net Operating Revenues</b>	<b>406,324</b>	<b>398,245</b>
8		
9 Production Fuel	249,186	236,432
10		
11 MEC	12,810	13,996
13 <b>IPP</b>	<b>12,810</b>	<b>13,996</b>
14		
15 <b>O&amp;M EXPENSES</b>		
16 Yigo Diesel Units (Aggreko)	3,157	3,315
17 Operating Supplies	3,229	3,316
18 Utilities - Water & Communications	2,988	3,137
19		
20 <b><u>WORK FORCE</u></b>		
21 Salaries	34,583	36,567
22 Employee Benefits	11,948	12,571
23 Retiree & Health Care	4,600	4,784
24 <b>Labor, Benefits &amp; Retirees</b>	<b>51,131</b>	<b>53,922</b>
25 Less Capitalized Labor	(6,093)	(6,459)
26 <b>Personnel</b>	<b>45,038</b>	<b>47,463</b>
27		
28 Apprentice labor	1,915	1,991
29 Workforce Interns	1,000	1,100
30 <b>Workforce contracts</b>	<b>2,915</b>	<b>3,091</b>
31 <b>Total Work Force</b>	<b>47,953</b>	<b>50,554</b>
32		
33 Fixed Management Fees (PMC)	2,770	2,853
34 Apprentice supplies & others	40	52
35 Security Guard/Armored Car Services	1,028	1,069
36 Software & Network Maintenance	2,148	2,233
37 Environmental protection	892	927
38 Other Contracts	8,794	9,284
39 <b>Contractual</b>	<b>15,672</b>	<b>16,418</b>
40		

41	Insurance	6,868	7,212
42	Miscellaneous	1,868	1,961
43	Off Island Training	180	188
44	Training	102	162
45	Office Supplies	100	104
46	Other Administrative	65	68
47	<b>Administrative &amp; General</b>	<b>9,184</b>	<b>9,695</b>
48			
49	<b>Total O&amp;M Expenses</b>	<b>82,182</b>	<b>86,435</b>
50			
51	Depreciation	40,254	41,864
52			
53	<b>Total Operating Expenses</b>	<b>\$ 384,433</b>	<b>\$ 378,727</b>
54			
55	Earnings From Operations	21,891	19,519
56			
57	Other Revenues (Expenses):		
58	Investment Income	1,000	1,000
59	Interest expense (ST Debt)	(30)	-
60	Interest Expense (Aggreko Lease Payment)	-	-
61	Interest expense (2012 Revenue Bond)	(14,290)	(13,254)
62	Interest expense (2014 Revenue Bond)	(3,411)	(3,328)
63	Interest expense (2017 Refunding Bond)	(7,418)	(7,402)
64	Other Expense/Income		
65	Amortization of Issuance Costs	475	475
66			
67	<b>Net Earnings(Loss) Before Capital Contribution</b>	<b>(1,783)</b>	<b>(2,990)</b>
68	Capital Contributions	-	-
69			
70	<b>Increase (Decrease) in Net Assets</b>	<b>\$ (1,783)</b>	<b>\$ (2,990)</b>
71			
72	<b><u>Debt Service Coverage Calculation</u></b>		
73	Earnings From Operations	\$ 21,891	\$ 19,519
74	Add Interest Income	1,000	1,000
75	Add: Depreciation	40,254	41,864
76	Balance Available for Debt Service	63,145	62,383
77	IPP Debt Service + Aggreko lease	-	-
78	Balance After IPP Debt Service	63,145	62,383
79	<b>Debt Service</b>		
80	Bond Interest Expense	25,119	23,984
81	Bond Principal	22,705	24,020
82	Total Debt Service	47,824	48,004
83			
84	Debt Service Coverage (Bond Method)	<b>1.32</b>	<b>1.30</b>
85	Debt Service Coverage (S&P Method)	<b>1.32</b>	<b>1.30</b>

86

87 **Cashflow Statement**

88	Net Income	\$	(1,783)	\$	(2,990)
89	Depreciation & amortization		39,780		41,389
90	(Unrecovered)/recovered fuel cost		10,000		
91	CIP's-Internally Funded		(32,203)		(22,122)
92	Principal Payment (Aggreko Lease Payment)		-		-
93	Principal Payment (2012 Revenue Bond)		(20,715)		(18,215)
94	Principal Payment (2014 Revenue Bond)		(1,675)		(1,755)
95	Principal Payment (2017 Refunding Bond)		(315)		(4,050)
96	Principal Payment (IPP)		-		-
97	MEC Recapitalization		(3,764)		(3,764)
98	Cash Carry Over-Surplus/(Deficit)		(10,676)		(11,507)
99	Beginning Balance		56,556		45,880
100	Ending Balance		45,880		34,373

	<b>FY2022 Proposed</b>	<b>FY2023 Proposed</b>
<b>Number of Employees</b>	<b>490</b>	<b>490</b>
<b>WORK FORCE</b>		
<b>Salaries &amp; Wages</b>		
Regular Pay	\$ 32,172,868	33,936,167
Overtime Pay	2,077,000	2,284,700
Night Differential Pay	332,704	346,055
<b>Sub-Total Employee Salaries</b>	<b>34,582,572</b>	<b>36,566,922</b>
Employee Benefits		
Medical/Dental/Life	2,367,417	2,496,477
Retirement Contribution	9,580,998	10,074,260
<b>Sub-Total Employee Benefits</b>	<b>11,948,415</b>	<b>12,570,737</b>
Retiree Benefits	4,600,000	4,784,000
<b>Total Labor &amp; Benefits</b>	<b>51,130,987</b>	<b>53,921,659</b>
Less Capitalized Labor	(6,092,991)	(6,458,572)
<b>Total Personnel</b>	<b>\$ 45,037,996</b>	<b>\$ 47,463,087</b>
Apprentice labor	\$ 1,914,547	\$ 1,991,128
Workforce Interns	1,000,000	1,100,000
<b>Workforce contracts</b>	<b>\$ 2,914,547</b>	<b>\$ 3,091,128</b>
<b>Total Work Force</b>	<b>\$ 47,952,543</b>	<b>\$ 50,554,215</b>
	<b>FY2022 Proposed</b>	<b>FY2022 Proposed</b>
<b>Contracts</b>		
<b>Apprentice</b>	<b>\$ 40,000</b>	<b>\$ 51,600</b>
-Supplies & others	\$ 40,000	\$ 51,600
<b>Environmental protection</b>	<b>\$ 892,384</b>	<b>\$ 926,878</b>
-Compliance-Emission and water	\$ 645,000	\$ 743,600
-Used oil, catalyst and others	\$ 247,384	\$ 183,278

<b>Fixed Management Fees (PMC)</b>	<b>\$ 2,769,766</b>	<b>\$ 2,852,859</b>
- Cabras 1 & 2	\$ 1,972,488	\$ 2,031,663
- CT	\$ 797,278	\$ 821,196
<b>Software &amp; Network Maintenance</b>	<b>\$ 2,147,624</b>	<b>\$ 2,233,528</b>
-Advance Grid Analysis (AGA)	\$ 140,000	\$ 145,600
-JDE license	\$ 250,300	\$ 260,312
-MDMS SW License Renewal & Software Maintenance	\$ 95,000	\$ 98,800
-Oracle DB license renewal for CC&B Database	\$ 73,000	\$ 75,920
-Oracle DB license renewal for CC&B Database-DR	\$ 47,000	\$ 48,880
-Universal Credits of CHATBot	\$ 32,000	\$ 33,280
-CC&B SW Maintenance License fee renewal	\$ 108,057	\$ 112,380
-Other licenses	\$ 1,402,267	\$ 1,458,356
<b>Security Guard/Armored Car Services</b>	<b>\$ 1,028,000</b>	<b>\$ 1,069,120</b>
-Security Guard Services	\$ 1,000,000	\$ 1,040,000
-Armored Car Services	\$ 28,000	\$ 29,120
Audit Fee Financial	\$ 125,000	\$ 130,000
Building maintenance	\$ 564,755	\$ 587,348
Engineering Consultants	\$ 93,500	\$ 97,240
Grounds Maintenance	\$ 412,360	\$ 427,455
Heavy Equipment Maintenance	\$ 35,150	\$ 36,556
Heavy Equipment Rental	\$ 67,450	\$ 69,503
Land Lease	\$ 134,800	\$ 141,540
Legal Consultants	\$ 30,000	\$ 31,200
Light Vehicle Maintenance	\$ 26,900	\$ 27,976
Office Equipment Rental	\$ 112,000	\$ 116,480
Other Contractual Services		
- Regulatory consultant	\$ 212,500	\$ 221,000
-ESS	\$ 86,000	\$ 89,440
-GPS tracking	\$ 88,800	\$ 92,352
-Disposal of soot and used oil	\$ 120,000	\$ 120,000
-USDA snake control	\$ 246,000	\$ 258,300
-Fire suppression system inspection	\$ 94,000	\$ 96,820
-Others contractual services	\$ 1,228,080	\$ 1,289,488
Other Maintenance		
-Maintenance/Repair Fire Alarms & gas suppression systems	\$ 128,000	\$ 132,640
-Vegetation Management	\$ 347,175	\$ 499,062
-Surveillance camera	\$ 30,000	\$ 31,200
-Other maintenance	\$ 277,808	\$ 288,920
Other Professional Services		
-Consulting Services on Training and Assessment for Piti 7	\$ 247,000	\$ 256,880
-Technical Services - Cabras 1&2 Overhaul	\$ -	\$ -
-Milsoft Texting System-Outage reporting	\$ 47,000	\$ 48,880
-Smart grid network system support	\$ 185,000	\$ 192,400



-ESS and Renewables Consultant	\$ 100,000	\$ 104,000
-Consent decree legal services	\$ 100,000	\$ 104,000
-CC&B technical support	\$ 300,000	\$ 312,000
-Bill Print & news letters	\$ 375,000	\$ 390,000
-Insurance Risk Engineer	\$ 119,000	\$ 123,760
-Other professional services	\$ 2,057,708	\$ 2,137,216
Other Rental	\$ 220,600	\$ 229,030
Power Plant Accessory Equipment Maintenance	\$ 178,390	\$ 182,589
Radio Maintenance & Repair	\$ 60,000	\$ 62,400
Rental of Building	\$ 79,200	\$ 83,160
Technical Fees	\$ 264,866	\$ 273,451
<b>Total - Other Contracts</b>	<b>\$ 8,794,042</b>	<b>\$ 9,284,286</b>
 <b>Total Contract</b>	 <b>\$ 15,671,816</b>	 <b>\$ 16,418,271</b>

<b>Aggreko Units</b>	<b>3,157,000</b>	<b>3,314,850</b>
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**Operating Supplies**

Accessory Equipment	246,500	252,720
Boiler & Associated Eqpt Parts	330,000	333,000
Chemicals	203,020	206,829
Conductors, Poles & Line HW	348,600	361,682
Copier Supplies	31,225	32,360
Coveralls/Uniforms	21,392	22,192
Diesel Fuel	100,000	104,000
Diesel Plant Parts	85,281	88,642
EPA & Others	61,875	62,670
Gases	203,716	205,697
Gasoline fuel	120,000	124,800
Janitorial Supplies	30,000	31,200
Lead Seals	3,000	3,120
Lubrication	208,645	215,606
Meter Test Parts, Etc.	16,125	16,770
Other Materials	333,799	342,838
Other Parts	261,600	267,924
Other Supplies	20,137	20,286
Printed Forms	26,015	26,773
Safety Supplies	129,593	133,703
SCADA Parts & Accessory	45,000	46,800
Station Equipment Repair Parts	41,800	43,472
Tires	40,000	41,600
Tools	85,237	88,250
Transformer Repair Parts	26,738	27,808
Turbine & Associated Eqpt parts	80,000	80,000
Vehicle & Heavy Equipment Parts	130,000	135,200

<b>Total - Operating Supplies</b>	<b>3,229,298</b>	<b>3,315,942</b>
<b>Utilities - Water &amp; Communications</b>		
Courier Services	57,000	59,850
Postage	275,000	288,750
Telephone (Local)	145,000	152,250
Telephone (Overseas)	9,500	9,750
Utilities - Water	<u>2,501,000</u>	<u>2,626,050</u>
<b>Total - Utilities - Water &amp; Communications</b>	<b>2,987,500</b>	<b>3,136,650</b>
<b>Miscellaneous</b>		
Ads & Radio Announcements	130,400	136,920
Board Fees	30,000	31,500
Collection Fees	1,300,000	1,365,000
Dues & Subscription	110,000	115,500
P.U.C.	200,000	210,000
Trustee / Bank Commission Fees	<u>98,000</u>	<u>102,900</u>
<b>Total - Miscellaneous</b>	<b>1,868,400</b>	<b>1,961,820</b>
<b>Insurance</b>		
Property	5,777,520	6,066,396
General Liability	76,536	80,363
Auto Liability	106,000	111,300
Pollution	150,000	157,500
Professional Liability	102,000	107,100
Excess General Liability	204,804	215,044
Excess Workmen's Compensation	15,236	15,998
Crime	32,895	34,540
Directors & Officers	68,229	71,640
Aggreko Insurance	<u>220,000</u>	<u>231,000</u>
Sub-Total: Property & Liability	6,753,220	7,090,881
Damage Claims	50,000	52,500
Workmen's Compensation (Safety)	<u>65,000</u>	<u>68,250</u>
<b>Total - Insurance</b>	<b>6,868,220</b>	<b>7,211,631</b>
Off-Island Training	180,356	187,570
Training & Materials	102,000	161,560
Office Supplies	100,000	103,945
Other Admin	65,000	67,600
<b>Total Non-Labor</b>	<b>\$ 34,229,590</b>	<b>\$ 35,879,839</b>

**FY2021 CAPITAL IMPROVEMENT PROJECTS (CIP) - REVENUE FUNDED**

	<b>FY2022 Proposed Budget</b>	<b>FY2023 Proposed Budget</b>
Overhaul	\$ 14,900,505	\$ 8,491,359
Network		
- SCADA, Advanced Meter Infrastructure, E1 Enhancement and	3,390,508	1,380,800
Disaster Recovery		
Substation and Transmission Improvements	2,539,225	1,453,500
Water Well System Improvements	286,350	1,900,000
Heavy Equipment - Bucket trucks, Diggers	1,805,488	1,520,000
Other General	2,962,847	284,315
<b>General Plant</b>	<b>25,884,923</b>	<b>15,029,974</b>
Engineering Projects	2,192,765	2,750,000
Line Extensions	4,125,174	4,342,289
<b>Total - CIP</b>	<b>\$ 32,202,862</b>	<b>\$ 22,122,263</b>

**Fiscal Year 2022-2023****Proforma Income Statement**

	<b>FY2018 Actuals</b>	<b>FY2019 Actuals</b>	<b>FY2020 Actuals</b>	<b>FY2021 Projected</b>	<b>FY2022 Proposed</b>	<b>FY2023 Proposed</b>
<b>1 REVENUES</b>						
2 Existing Base Rate Revenues	160,762	160,863	156,575	\$ 155,000	\$ 156,200	\$ 160,800
3 Fuel Revenues	217,567	238,870	176,992	197,454	249,186	236,432
4 Miscellaneous Revenues	2,217	3,219	3,067	1,769	2,160	2,212
5 <b>Total Revenues</b>	<b>380,546</b>	<b>402,952</b>	<b>336,634</b>	<b>354,223</b>	<b>407,546</b>	<b>399,444</b>
6 Bad Debt Expense	(678)	(415)	(1,091)	(1,063)	(1,223)	(1,198)
7 <b>Net Operating Revenues</b>	<b>379,868</b>	<b>402,537</b>	<b>335,543</b>	<b>353,160</b>	<b>406,324</b>	<b>398,245</b>
8						
9 Production Fuel	217,567	238,870	176,992	197,454	249,186	236,432
10						
11 MEC	14,322	10,783	9,135	12,055	12,810	13,996
12 <b>IPP</b>	<b>14,322</b>	<b>10,783</b>	<b>9,135</b>	<b>12,055</b>	<b>12,810</b>	<b>13,996</b>
13						
14 <b>O&amp;M EXPENSES</b>						
15 Yigo Diesel Units (Aggreko)	\$ 3,230	\$ 3,183	\$ 3,068	\$ 3,398	\$ 3,157	\$ 3,315
16 Operating Supplies	3,166	4,155	3,289	3,001	3,229	3,316
17 Utilities - Water & Communications	2,666	2,831	2,199	2,621	2,988	3,137
18						
19 <b>WORK FORCE</b>						
20 Salaries	30,740	32,313	32,170	34,015	34,583	36,567
21 Employee Benefits	9,260	8,976	8,822	11,068	11,948	12,571
22 Retiree & Health Care	4,324	4,258	4,114	4,583	4,600	4,784
23 <b>Labor, Benefits &amp; Retirees</b>	<b>44,325</b>	<b>45,547</b>	<b>45,106</b>	<b>49,665</b>	<b>51,131</b>	<b>53,922</b>
24 Less Capitalized Labor & GASB Adjustments	(1,568)	(741)	9,041	(4,948)	(6,093)	(6,459)
25 <b>Personnel</b>	<b>42,756</b>	<b>44,806</b>	<b>54,147</b>	<b>44,717</b>	<b>45,038</b>	<b>47,463</b>
26						
27 Apprentice labor	3	423	1,115	1,559	1,915	1,991
28 Workforce Interns	-	-	-	-	1,000	1,100
29 <b>Workforce contracts</b>	<b>3</b>	<b>423</b>	<b>1,115</b>	<b>1,559</b>	<b>2,915</b>	<b>3,091</b>
30 <b>Total Work Force</b>	<b>42,759</b>	<b>45,229</b>	<b>55,261</b>	<b>46,276</b>	<b>47,953</b>	<b>50,554</b>
31						
32 Fixed Management Fees (PMC)	2,374	2,438	2,503	2,660	2,770	2,853
33 Apprentice supplies & others	3	4	8	4	40	52
34 Security Guard/Armored Car Services	897	851	836	866	1,028	1,069
35 Software & Network Maintenance	1,303	1,440	1,282	1,678	2,148	2,234
36 Environmental protection	206	780	602	763	892	927
37 Other Contracts	6,437	7,295	6,073	6,097	8,794	9,284
38 <b>Contractual</b>	<b>11,220</b>	<b>12,808</b>	<b>11,304</b>	<b>12,068</b>	<b>15,672</b>	<b>16,418</b>
39						
40 Insurance	7,340	5,884	6,706	6,538	6,868	7,212
41 Miscellaneous	1,558	1,857	1,880	1,817	1,868	1,962
42 Off Island Training	339	380	149	20	180	188
43 Training	158	213	40	42	102	162
44 Office Supplies	143	206	143	73	100	104
45 Other Administrative	51	86	28	40	65	68
46 <b>Administrative &amp; General</b>	<b>9,589</b>	<b>8,627</b>	<b>8,945</b>	<b>8,530</b>	<b>9,184</b>	<b>9,694</b>
47						
48 <b>Total O&amp;M Expenses</b>	<b>72,630</b>	<b>76,832</b>	<b>84,068</b>	<b>75,895</b>	<b>82,182</b>	<b>86,434</b>
49						
50 Depreciation	37,184	36,999	37,645	38,706	40,254	41,864
51						
52 <b>Total Operating Expenses</b>	<b>341,703</b>	<b>363,484</b>	<b>307,840</b>	<b>324,110</b>	<b>384,433</b>	<b>378,726</b>
53						
54 Earnings From Operations	38,165	39,053	27,703	29,051	21,891	19,519
55						
56 Other Revenues (Expenses):						
57 Investment Income	3,260	5,003	3,142	1,128	1,000	1,000
58 Interest expense (ST Debt)	-	-	-	(30)	(30)	-
59 Interest Expense (Aggreko Lease Payment)	(1,221)	(908)	(531)	(46)	-	-
60 Interest expense (2010 Revenue Bond)	(2,000)					
61 Interest expense (2012 Revenue Bond)	(16,966)	(16,962)	(16,237)	(15,287)	(14,290)	(13,254)
62 Interest expense (2014 Revenue Bond)	(3,708)	(3,639)	(3,567)	(3,491)	(3,411)	(3,328)
63 Interest expense (2017 Refunding Bond)	(5,781)	(7,427)	(7,418)	(7,418)	(7,418)	(7,402)
64 Other Expense/Income	534	(1,008)	544			

CCU Meeting, August 24, 2021 - GPA

65	Amortization of Issuance Costs	(1,892)	1,056	1,070	1,070	475	475
66		(27,773)	(23,885)	(22,997)	(24,074)	(23,674)	(22,509)
67	<b>Net Earnings(Loss) Before Capital Contribution</b>	<b>10,392</b>	<b>15,168</b>	<b>4,707</b>	<b>4,977</b>	<b>(1,783)</b>	<b>(2,990)</b>
68	Capital Contributions	-	-	-	-	-	-
69							
70	<b>Increase (Decrease) in Net Assets</b>	<b>\$ 10,392</b>	<b>\$ 15,168</b>	<b>\$ 4,707</b>	<b>\$ 4,977</b>	<b>\$ (1,783)</b>	<b>\$ (2,990)</b>
71							
72	<b><u>Debt Service Coverage Calculation</u></b>						
73	Earnings From Operations	\$ 38,165	\$ 39,053	\$ 27,703	\$ 29,051	\$ 21,891	\$ 19,519
74	Add Interest Income	620	2,746	2,377	1,128	1,000	1,000
75	Add: Depreciation	37,184	36,999	37,645	38,706	40,254	41,864
76	Balance Available for Debt Service	75,969	78,798	67,725	68,885	63,145	62,383
77	IPP Debt Service + Aggreko lease	\$ 26,369	\$ 14,538	\$ 8,930	2,272	-	-
78	Balance After IPP Debt Service	49,600	64,260	58,795	66,613	63,145	62,383
79	<b>Debt Service</b>						
80	Bond Interest Expense	28,454	28,028	27,222	26,196	25,119	23,984
81	Bond Principal	1,630	16,130	20,515	21,540	22,705	24,020
82	Total Debt Service	30,084	44,158	47,737	47,736	47,824	48,004
83							
84	Debt Service Coverage (Bond Method)	2.53	1.78	1.42	1.44	1.32	1.30
85	Debt Service Coverage (S&P Method)	1.65	1.46	1.23	1.40	1.32	1.30
86							
87	<b><u>Cashflow Statement</u></b>						
88	Net Income				\$ 4,977	\$ (1,783)	\$ (2,990)
89	Depreciation & amortization				37,636	39,780	41,389
90	(Unrecovered)/recovered fuel cost				(12,000)	10,000	
91	CIP's-Internally Funded				(11,780)	(32,203)	(22,122)
92	Principal Payment (Aggreko Lease Payment)				(2,217)	-	-
93	Principal Payment (2012 Revenue Bond)				(19,945)	(20,715)	(18,215)
94	Principal Payment (2014 Revenue Bond)				(1,595)	(1,675)	(1,755)
95	Principal Payment (2017 Refunding Bond)				-	(315)	(4,050)
96	Principal Payment (IPP)				-	-	-
97	MEC Recapitalization				(3,764)	(3,764)	(3,764)
98	Cash Carry Over-Surplus/(Deficit)				(8,688)	(10,676)	(11,507)
99	Beginning Balance				65,244	56,556	45,880
100	Ending Balance				56,556	45,880	34,373

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Number of Employees	464	454	443	430	490	490
<b>WORK FORCE</b>						
<b>Salaries &amp; Wages</b>						
Regular Pay	\$ 28,023,657	\$ 28,528,722	\$ 29,697,462	\$ 30,638,441	\$ 32,172,868	\$ 33,936,167
Overtime Pay	\$ 2,421,006	\$ 3,483,399	\$ 2,208,784	\$ 3,026,064	\$ 2,077,000	\$ 2,284,700
Night Differential Pay	\$ 295,716	\$ 300,790	\$ 263,430	\$ 350,126	\$ 332,704	\$ 346,055
<b>Sub-Total Employee Salaries</b>	<b>\$ 30,740,379</b>	<b>\$ 32,312,911</b>	<b>\$ 32,169,676</b>	<b>\$ 34,014,631</b>	<b>\$ 34,582,572</b>	<b>\$ 36,566,922</b>
Employee Benefits						
Medical/Dental/Life	\$ 1,487,093	\$ 1,480,013	\$ 1,540,796	\$ 1,893,943	\$ 2,367,417	\$ 2,496,477
Retirement Contribution	\$ 7,772,813	\$ 7,495,572	\$ 7,280,953	\$ 9,173,746	\$ 9,580,998	\$ 10,074,260
<b>Sub-Total Employee Benefits</b>	<b>\$ 9,259,907</b>	<b>\$ 8,975,585</b>	<b>\$ 8,821,750</b>	<b>\$ 11,067,689</b>	<b>\$ 11,948,415</b>	<b>\$ 12,570,737</b>
Retiree Benefits	\$ 4,324,343	\$ 4,258,389	\$ 4,114,089	\$ 4,583,007	\$ 4,600,000	\$ 4,784,000
<b>Total Labor &amp; Benefits</b>	<b>\$ 44,324,629</b>	<b>\$ 45,546,885</b>	<b>\$ 45,105,515</b>	<b>\$ 49,665,327</b>	<b>\$ 51,130,987</b>	<b>\$ 53,921,659</b>
GASB Adjustments	\$ 2,257,000	\$ 5,137,000	\$ 12,397,000	\$ -	\$ -	\$ -
Less Capitalized Labor	<u>(3,825,265)</u>	<u>(5,878,011)</u>	<u>(3,355,874)</u>	<u>(4,948,410)</u>	<u>(6,092,991)</u>	<u>(6,458,572)</u>
	(1,568,265)	(741,011)	9,041,126	(4,948,410)	(6,092,991)	(6,458,572)
<b>Total Personnel</b>	<b>\$ 42,756,364</b>	<b>\$ 44,805,875</b>	<b>\$ 54,146,641</b>	<b>\$ 44,716,917</b>	<b>\$ 45,037,996</b>	<b>\$ 47,463,087</b>
Apprentice labor	\$ 2,549	\$ 423,151	\$ 1,114,645	\$ 1,559,151	\$ 1,914,547	\$ 1,991,128
Workforce Interns	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,100,000
<b>Workforce contracts</b>	<b>\$ 2,549</b>	<b>\$ 423,151</b>	<b>\$ 1,114,645</b>	<b>\$ 1,559,151</b>	<b>\$ 2,914,547</b>	<b>\$ 3,091,128</b>
<b>Total Work Force</b>	<b>\$ 42,758,913</b>	<b>\$ 45,229,026</b>	<b>\$ 55,261,286</b>	<b>\$ 46,276,068</b>	<b>\$ 47,952,543</b>	<b>\$ 50,554,215</b>

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**Contracts**

<b>Apprentice</b>	\$	3,175	\$	4,268	\$	8,236	\$	4,137	\$	40,000	\$	51,600
-Supplies & others	\$	3,175	\$	4,268	\$	8,236	\$	4,137	\$	40,000	\$	51,600
<b>Environmental protection</b>	\$	205,878	\$	780,092	\$	601,827	\$	763,278	\$	892,384	\$	926,878
-Compliance-Emission and water	\$	154,891	\$	485,826	\$	333,132	\$	610,387	\$	645,000	\$	743,600
-Used oil, catalyst and others	\$	50,987	\$	294,266	\$	268,695	\$	152,891	\$	247,384	\$	183,278
<b>Fixed Management Fees (PMC)</b>	\$	2,374,098	\$	2,437,914	\$	2,503,454	\$	2,659,773	\$	2,769,766	\$	2,852,859
- Cabras 1 & 2	\$	1,709,563	\$	1,757,430	\$	1,806,639	\$	1,915,037	\$	1,972,488	\$	2,031,663
- CT	\$	664,535	\$	680,484	\$	696,815	\$	744,736	\$	797,278	\$	821,196
<b>Software &amp; Network Maintenance</b>	\$	1,302,682	\$	1,440,072	\$	1,282,300	\$	1,677,605	\$	2,147,624	\$	2,233,528
-Advance Grid Analysis (AGA)	\$	140,000	\$	140,000	\$	144,060	\$	140,000	\$	140,000	\$	145,600
-JDE license	\$	174,241	\$	179,468	\$	186,646	\$	194,112	\$	250,300	\$	260,312
-MDMS SW License Renewal & Software Maintenance	\$	81,933	\$	86,030	\$	91,125	\$	94,802	\$	95,000	\$	98,800
-Oracle DB license renewal for CC&B Database	\$	65,237	\$	67,194	\$	69,881	\$	72,677	\$	73,000	\$	75,920
-Oracle DB license renewal for CC&B Database-DR	\$	41,300	\$	42,539	\$	44,241	\$	46,011	\$	47,000	\$	48,880
-Universal Credits of CHATBot			\$	52,854	\$	32,000	\$	32,000	\$	32,000	\$	33,280
-CC&B SW Maintenance License fee renewal	\$	97,129	\$	100,043	\$	104,045	\$	108,057	\$	108,057	\$	112,380
-Other licenses	\$	702,842	\$	771,944	\$	610,301	\$	989,946	\$	1,402,267	\$	1,458,356
<b>Security Guard/Armored Car Services</b>	\$	897,478	\$	850,633	\$	835,664	\$	866,347	\$	1,028,000	\$	1,069,120
-Security Guard Services	\$	879,478	\$	832,633	\$	824,206	\$	843,347	\$	1,000,000	\$	1,040,000
-Armored Car Services	\$	18,000	\$	18,000	\$	11,458	\$	23,000	\$	28,000	\$	29,120
Audit Fee Financial	\$	112,115	\$	114,023	\$	114,023	\$	114,000	\$	125,000	\$	130,000
Building maintenance	\$	256,500	\$	375,270	\$	748,406	\$	531,129	\$	564,755	\$	587,348
Engineering Consultants	\$	830,840	\$	101,107	\$	34,788	\$	71,500	\$	93,500	\$	97,240
Grounds Maintenance	\$	316,893	\$	354,503	\$	340,245	\$	381,132	\$	412,360	\$	427,455
Heavy Equipment Maintenance	\$	37,000	\$	62,934	\$	45,675	\$	21,450	\$	35,150	\$	36,556
Heavy Equipment Rental	\$	99,030	\$	43,665	\$	30,115	\$	56,575	\$	67,450	\$	69,503
Land Lease	\$	134,800	\$	134,800	\$	134,800	\$	134,800	\$	134,800	\$	141,540
Legal Consultants	\$	1,641	\$	51,260	\$	1,200	\$	10,000	\$	30,000	\$	31,200
Light Vehicle Maintenance	\$	34,207	\$	34,716	\$	21,167	\$	19,200	\$	26,900	\$	27,976
Office Equipment Rental	\$	149,064	\$	249,513	\$	121,835	\$	111,835	\$	112,000	\$	116,480
<b>Other Contractual Services</b>												
- Regulatory consultant	\$	88,690	\$	129,546	\$	103,317	\$	108,000	\$	212,500	\$	221,000
-ESS					\$	-	\$	169,320	\$	86,000	\$	89,440
-GPS tracking	\$	67,540	\$	67,785	\$	74,050	\$	75,848	\$	88,800	\$	92,352
-Disposal of soot and used oil	\$	93,815	\$	124,222	\$	171,536	\$	120,000	\$	120,000	\$	120,000
-USDA snake control	\$	213,067	\$	198,885	\$	208,684	\$	245,939	\$	246,000	\$	258,300
-Fire suppression system inspection	\$	38,839	\$	43,324	\$	52,753	\$	70,527	\$	94,000	\$	96,820
-Others contractual services	\$	990,081	\$	1,932,196	\$	981,293	\$	609,695	\$	1,228,080	\$	1,289,488
<b>Other Maintenance</b>												
-Maintenance/Repair Fire Alarms & gas suppression systems	\$	45,611	\$	262,144	\$	130,894	\$	97,466	\$	128,000	\$	132,640
-Vegetation Management	\$	419,362	\$	100,068	\$	41,595	\$	94,417	\$	347,175	\$	499,062
-Surveillance camera	\$	20,620	\$	24,145	\$	19,545	\$	25,550	\$	30,000	\$	31,200
-Other maintenance	\$	17,423	\$	210,895	\$	67,435	\$	44,505	\$	277,808	\$	288,920
<b>Other Professional Services</b>												
-Consulting Services on Training and Assessment for Piti 7	\$	232,600	\$	210,000	\$	210,000	\$	246,860	\$	247,000	\$	256,880
-Technical Services - Cabras 1&2 Overhaul					\$		\$	56,772	\$	-	\$	-
-Milsoft Texting System-Outage reporting			\$	20,995	\$	18,087	\$	46,620	\$	47,000	\$	48,880
-Smart grid network system support	\$	53,052	\$	20,949	\$	36,909	\$	185,843	\$	185,000	\$	192,400
-ESS and Renewables Consultant					\$	147,643	\$	81,800	\$	100,000	\$	104,000
-Consent decree legal services	\$	173,870	\$	113,340	\$	256,451	\$	100,000	\$	100,000	\$	104,000
-CC&B technical support	\$	87,937	\$	370,421	\$	211,583	\$	427,400	\$	300,000	\$	312,000
-Bill Print & news letters	\$	353,372	\$	369,427	\$	354,690	\$	375,000	\$	375,000	\$	390,000
-Insurance Risk Engineer	\$	247,342	\$	285,595	\$	75,962	\$	-	\$	119,000	\$	123,760
-Other professional services	\$	587,709	\$	634,598	\$	817,612	\$	897,165	\$	2,057,708	\$	2,137,216
<b>Other Rental</b>	\$	218,415	\$	197,377	\$	166,974	\$	186,501	\$	220,600	\$	229,030
<b>Power Plant Accessory Equipment Maintenance</b>	\$	118,055	\$	77,468	\$	100,859	\$	132,945	\$	178,390	\$	182,589
<b>Radio Maintenance &amp; Repair</b>	\$	36,083	\$	50,131	\$	88,787	\$	60,670	\$	60,000	\$	62,400
<b>Rental of Building</b>	\$	62,012	\$	62,618	\$	58,938	\$	59,462	\$	79,200	\$	83,160
<b>Technical Fees</b>	\$	299,449	\$	266,691	\$	85,162	\$	126,937	\$	264,866	\$	273,451
<b>Total - Other Contracts</b>	\$	6,437,031	\$	7,294,607	\$	6,073,015	\$	6,096,863	\$	8,794,042	\$	9,284,286
<b>Total Contract</b>	\$	11,220,343	\$	12,807,585	\$	11,304,497	\$	12,068,003	\$	15,671,816	\$	16,418,271

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<b>Aggreko Units</b>	<b>\$</b>	<b>3,229,690</b>	<b>\$</b>	<b>3,183,115</b>	<b>\$</b>	<b>3,067,638</b>	<b>\$</b>	<b>3,398,423</b>	<b>\$</b>	<b>3,157,000</b>	<b>\$</b>	<b>3,314,850</b>
<b>Operating Supplies</b>												
Accessory Equipment	\$	160,792	\$	215,876	\$	159,126	\$	281,828	\$	246,500	\$	252,720
Boiler & Associated Eqpt Parts	\$	240,464	\$	425,765	\$	250,012	\$	255,000	\$	330,000	\$	333,000
Chemicals	\$	208,128	\$	176,359	\$	233,063	\$	166,760	\$	203,020	\$	206,829
Conductors, Poles & Line HW	\$	329,681	\$	984,670	\$	551,864	\$	427,079	\$	348,600	\$	361,682
Copier Supplies	\$	22,923	\$	22,064	\$	17,996	\$	26,360	\$	31,225	\$	32,360
Coveralls/Uniforms	\$	15,422	\$	60,242	\$	9,226	\$	59,853	\$	21,392	\$	22,192
Data Processing	\$	4,830	\$	-	\$	-	\$	-	\$	-	\$	-
Diesel Fuel	\$	100,876	\$	100,495	\$	77,686	\$	100,000	\$	100,000	\$	104,000
Diesel Plant Parts	\$	155,917	\$	119,448	\$	136,461	\$	80,928	\$	85,281	\$	88,642
EPA & Others	\$	88,061	\$	30,723	\$	270,194	\$	47,863	\$	61,875	\$	62,670
Gases	\$	207,197	\$	225,065	\$	97,729	\$	190,276	\$	203,716	\$	205,697
Gasoline fuel	\$	129,460	\$	113,291	\$	84,655	\$	100,000	\$	120,000	\$	124,800
Janitorial Supplies	\$	28,299	\$	44,960	\$	39,351	\$	45,000	\$	30,000	\$	31,200
Lead Seals	\$	-	\$	2,748	\$	-	\$	-	\$	3,000	\$	3,120
Lubrication	\$	206,989	\$	230,153	\$	157,856	\$	132,964	\$	208,645	\$	215,606
Meter Test Parts, Etc.	\$	11,050	\$	12,543	\$	25,134	\$	20,887	\$	16,125	\$	16,770
Other Materials	\$	300,116	\$	386,071	\$	376,786	\$	312,979	\$	333,799	\$	342,838
Other Parts	\$	177,269	\$	209,486	\$	289,461	\$	202,017	\$	261,600	\$	267,924
Other Supplies	\$	16,007	\$	13,125	\$	13,398	\$	24,394	\$	20,137	\$	20,286
Printed Forms	\$	10,694	\$	14,140	\$	8,690	\$	19,783	\$	26,015	\$	26,773
Safety Supplies	\$	107,007	\$	203,657	\$	115,449	\$	109,093	\$	129,593	\$	133,703
SCADA Parts & Accessory	\$	62,115	\$	82,759	\$	15,404	\$	36,634	\$	45,000	\$	46,800
Station Equipment Repair Parts	\$	25,600	\$	43,299	\$	38,725	\$	31,408	\$	41,800	\$	43,472
Tires	\$	41,001	\$	43,431	\$	23,222	\$	33,707	\$	40,000	\$	41,600
Tools	\$	178,427	\$	146,982	\$	86,385	\$	71,334	\$	85,237	\$	88,250
Transformer Repair Parts	\$	42,001	\$	33,173	\$	9,684	\$	15,174	\$	26,738	\$	27,808
Turbine & Associated Eqpt parts	\$	78,181	\$	25,670	\$	77,837	\$	80,000	\$	80,000	\$	80,000
Vehicle & Heavy Equipment Parts	\$	217,632	\$	188,863	\$	123,883	\$	129,600	\$	130,000	\$	135,200
<b>Total - Operating Supplies</b>	<b>\$</b>	<b>3,166,137</b>	<b>\$</b>	<b>4,155,056</b>	<b>\$</b>	<b>3,289,277</b>	<b>\$</b>	<b>3,000,919</b>	<b>\$</b>	<b>3,229,298</b>	<b>\$</b>	<b>3,315,942</b>
<b>Utilities - Water &amp; Communications</b>												
Courier Services	\$	46,775	\$	47,573	\$	37,349	\$	43,160	\$	57,000	\$	59,850
Postage	\$	284,396	\$	266,390	\$	254,666	\$	224,333	\$	275,000	\$	288,750
Telephone (Local)	\$	128,088	\$	134,155	\$	133,332	\$	143,762	\$	145,000	\$	152,250
Telephone (Overseas)	\$	3,358	\$	3,717	\$	3,717	\$	9,500	\$	9,500	\$	9,750
Utilities - Water	\$	2,203,269	\$	2,379,002	\$	1,770,347	\$	2,200,000	\$	2,501,000	\$	2,626,050
<b>Total - Utilities - Water &amp; Communications</b>	<b>\$</b>	<b>2,665,885</b>	<b>\$</b>	<b>2,830,837</b>	<b>\$</b>	<b>2,199,411</b>	<b>\$</b>	<b>2,620,755</b>	<b>\$</b>	<b>2,987,500</b>	<b>\$</b>	<b>3,136,650</b>
<b>Miscellaneous</b>												
Ads & Radio Announcements	\$	118,961	\$	147,535	\$	100,351	\$	111,000	\$	130,400	\$	136,920
Board Fees	\$	30,000	\$	30,000	\$	30,000	\$	30,000	\$	30,000	\$	31,500
Collection Fees	\$	1,088,397	\$	1,282,969	\$	1,346,148	\$	1,300,000	\$	1,300,000	\$	1,365,000
Dues & Subscription	\$	95,145	\$	106,057	\$	99,969	\$	95,584	\$	110,000	\$	115,500
P.U.C.	\$	145,428	\$	187,889	\$	201,218	\$	184,126	\$	200,000	\$	210,000
Trustee / Bank Commission Fees	\$	80,058	\$	102,564	\$	102,364	\$	96,000	\$	98,000	\$	102,900
<b>Total - Miscellaneous</b>	<b>\$</b>	<b>1,557,989</b>	<b>\$</b>	<b>1,857,014</b>	<b>\$</b>	<b>1,880,049</b>	<b>\$</b>	<b>1,816,710</b>	<b>\$</b>	<b>1,868,400</b>	<b>\$</b>	<b>1,961,820</b>
<b>Insurance</b>												
Property	\$	6,293,518	\$	4,455,000	\$	5,290,520	\$	5,424,574	\$	5,777,520	\$	6,066,396
General Liability	\$	88,277	\$	76,536	\$	76,536	\$	76,536	\$	76,536	\$	80,363
Auto Liability	\$	89,958	\$	64,020	\$	70,128	\$	106,000	\$	106,000	\$	111,300
Pollution	\$	450,000	\$	-	\$	-	\$	300,000	\$	150,000	\$	157,500
Professional Liability	\$	-	\$	102,000	\$	102,000	\$	102,000	\$	102,000	\$	107,100
Excess General Liability	\$	204,804	\$	204,804	\$	204,804	\$	204,804	\$	204,804	\$	215,044
Excess Workmen's Compensation	\$	15,236	\$	15,236	\$	15,236	\$	15,236	\$	15,236	\$	15,998
Crime	\$	38,700	\$	32,895	\$	32,895	\$	32,895	\$	32,895	\$	34,540
Directors & Officers	\$	68,229	\$	68,229	\$	68,229	\$	68,229	\$	68,229	\$	71,640
Aggreko Insurance	\$	-	\$	-	\$	-	\$	130,641	\$	220,000	\$	231,000
MEC Insurance	\$	-	\$	778,401	\$	799,987	\$	-	\$	-	\$	-
Notarial Bond Renewal	\$	200	\$	200	\$	-	\$	-	\$	-	\$	-
<b>Sub-Total: Property &amp; Liability</b>	<b>\$</b>	<b>7,248,922</b>	<b>\$</b>	<b>5,797,320</b>	<b>\$</b>	<b>6,660,336</b>	<b>\$</b>	<b>6,460,915</b>	<b>\$</b>	<b>6,753,220</b>	<b>\$</b>	<b>7,090,881</b>
Damage Claims	\$	29,595	\$	19,180	\$	11,772	\$	25,244	\$	50,000	\$	52,500
Workmen's Compensation (Safety)	\$	61,970	\$	67,328	\$	33,984	\$	52,270	\$	65,000	\$	68,250
<b>Total - Insurance</b>	<b>\$</b>	<b>7,340,487</b>	<b>\$</b>	<b>5,883,829</b>	<b>\$</b>	<b>6,706,092</b>	<b>\$</b>	<b>6,538,429</b>	<b>\$</b>	<b>6,868,220</b>	<b>\$</b>	<b>7,211,631</b>
Off-Island Training	\$	338,664	\$	380,114	\$	149,202	\$	20,390	\$	180,356	\$	187,570



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Training & Materials	\$	157,674	\$	213,455	\$	39,741	\$	41,779	\$	102,000	\$	161,560
Office Supplies	\$	142,877	\$	206,116	\$	142,808	\$	73,189	\$	100,000	\$	103,945
Other Admin	\$	50,868	\$	86,303	\$	27,557	\$	40,000	\$	65,000	\$	67,600
<b>Total Non-Labor</b>	<b>\$</b>	<b>29,870,614</b>	<b>\$</b>	<b>31,603,424</b>	<b>\$</b>	<b>28,806,272</b>	<b>\$</b>	<b>29,618,597</b>	<b>\$</b>	<b>34,229,590</b>	<b>\$</b>	<b>35,879,839</b>

**FY2022 - FY2023 CAPITAL IMPROVEMENT PROJECTS (CIP) - REVENUE FUNDED**

	FY2018 Actuals	FY2019 Actuals	FY2020 Actuals	FY2021 Projected Year End	CARRYOVER	FY2022 Proposed Budget	FY2023 Proposed Budget
Overhaul	\$ 2,847,123	\$ 1,870,874	\$ 1,728,431	\$ 3,111,476	\$ 4,337,725	\$ 14,900,505	\$ 8,491,359
Network - SCADA, Advanced Meter Infrastructure, E1 Enhancement and Disaster Recovery	2,849,611	1,543,193	2,404,975	884,344	324,000	3,390,508	1,380,800
Substation and Transmission Improvements	1,038,736	1,473,257	845,157	1,025,118	46,125	2,539,225	1,453,500
Water Well System Improvements	176,208	173,994	802,959	270,384	86,350	286,350	1,900,000
Heavy Equipment - Bucket trucks, Diggers	2,007,399	2,069,507	2,242,161	69,178	1,326,988	1,805,488	1,520,000
Other General	312,630	294,080	129,932	165,707	34,017	2,962,847	284,315
<b>General Plant</b>	<b>9,231,707</b>	<b>7,424,905</b>	<b>8,153,616</b>	<b>5,526,207</b>	<b>6,155,205</b>	<b>25,884,923</b>	<b>15,029,974</b>
Engineering Projects	4,091,885	2,943,770	864,751	3,352,275	1,167,765	2,192,765	2,750,000
Line Extensions	1,477,663	1,571,218	2,631,914	2,901,645	-	4,125,174	4,342,289
<b>Total - CIP</b>	<b>\$ 14,801,255</b>	<b>\$ 11,939,893</b>	<b>\$ 11,650,281</b>	<b>\$ 11,780,126</b>	<b>\$ 7,322,970</b>	<b>\$ 32,202,862</b>	<b>\$ 22,122,263</b>



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

## Issues for Decision

### Resolution No. 2021-24:

#### **Authorizing Management of GPA to Enter into a Memorandum of Agreement (MOA) with GDOE to Perform Engineering and Management Services**

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

The Guam Department of Education (GDOE) lacks sufficient internal engineering and management capabilities to implement projects necessary to upgrade its educational infrastructure throughout Guam. While GDOE works to build the necessary capacity, there is an immediate need for temporary assistance in helping to plan, review, implement and monitor near-term projects, which assistance would need to include planning experience and an engineering background.

GPA has proven expertise and experience implementing, completing, operating, and maintaining capital improvement projects. A GPA-GDOE partnership will assist GDOE with expertise and experience coupled with the substantial American Rescue Plan funding to improve the island-wide schools to infrastructure standards necessary and conducive for educating our children. GPA shall assist GDOE with Engineering and Management Services for implementing its maintenance and capital improvement programs, essentially serving as "Owner's Engineer" for the key projects and initiatives as follow:

##### GDOE PROJECTS:

1. New Simon Sanchez School Project
  - a. Final design, procurement and management most especially over the next (eight) 8 months
  - b. Review scope of work for construction and financing Request For Proposal (RFP)
2. Master Facilities Plan Participation
  - a. Participate in current Master Facilities Plan activities led by HHF Planners under US Corp of Engineers and US DOI
  - b. Review facility assessment of 41 schools by November 2021 to prioritize projects as part of a facilities plan that is to be finalized by Dec. 2021.
  - c. Prioritize, plan and execute capital improvement projects identified in the Master Facilities Planning Process utilizing funding from U.S. Department of Education through the American Rescue Plan (ARP).
3. DOI Grant Projects
  - a. Work with HHF Planners, US Army Corps of Engineers
  - b. Pursue other Federal Grants available to GDOE

**How much will it cost?**

GDOE has an opportunity to plan and execute up to \$250 million of Capital Improvement Projects (CIPs) over the next three years. The American Rescue Plan (ARP) project funding of \$170 million for CIPs are identified in the GDOE Master Facilities Plan.

**When will it be completed/effective?**

CIPs identified in the GDOE Master Facilities Plan must be obligated by September 2023 and completed by September 2024.

The partnership could begin this month (August 2021).

Term of this Agreement is for five (5) years and may be renewed upon termination. In the event that one or both parties should require termination of the agreement before the five (5) year period, a 30-day-minimum notification to both parties are required.



**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. 2021-24**

**RELATIVE TO AUTHORIZING MANAGEMENT OF GUAM POWER AUTHORITY TO ENTER INTO A  
MEMORANDUM OF AGREEMENT (MOA) WITH GUAM DEPARTMENT OF EDUCATION (GDOE)  
TO PERFORM ENGINEERING AND MANAGEMENT SERVICES**

**WHEREAS**, the Guam Department of Education (GDOE) lacks sufficient internal engineering and management capabilities to implement projects necessary to upgrade its educational infrastructure throughout Guam; and

**WHEREAS**, while GDOE works to build the necessary capacity, there is an immediate need for temporary assistance in helping to plan, review, implement and monitor near-term projects, which assistance would need to include planning experience and an engineering background; and

**WHEREAS**, GDOE has an opportunity to plan and execute up to \$250 million of Capital Improvement Projects (CIPs) over the next three years. The American Rescue Plan (ARP) project funding of \$170 million for CIPs identified in the GDOE Master Facilities Plan must be obligated by September 2023 and completed by September 2024; and

**WHEREAS**, GPA has proven expertise and experience implementing, completing, operating, and maintaining capital improvement projects; and

**WHEREAS**, a GPA-GDOE partnership will assist GDOE with expertise and experience coupled with the substantial American Rescue Plan funding to improve the island-wide schools to infrastructure standards necessary and conducive for educating our children; and

**WHEREAS**, GPA shall assist GDOE with Engineering and Management Services for implementing its maintenance and capital improvement programs, essentially serving as "Owner's Engineer" for the key projects and initiatives listed on **Exhibit A**; and

**WHEREAS**, GPA may be compensated for reasonable costs through identified, approved grant funding, subject to grant program conditions. The work shall be led and monitored by key professionals within the entities; and

1       **WHEREAS**, the Parties are responsible for the following:

- 2                   1. GDOE shall furnish GPA a list of prioritized infrastructure projects,  
3                   including approved scope of work, identified funding sources, and  
4                   associated deadlines.
- 5                   2. GPA will furnish GDOE proposed schedules or timelines for such  
6                   projects.
- 7                   3. GDOE shall review the proposed project schedules, make  
8                   amendments, and provide a final schedule that may be agreed upon  
9                   by the Parties.
- 10                  4. Grant Reports and Federal Forms shall be filled out collaboratively by  
11                  the Parties.
- 12                  5. Grant Report and Federal Forms shall be drafted and submitted by  
13                  GDOE to the respective Grant Manager.

14       **WHEREAS**, the Parties shall share and furnish all other information required, and shall  
15 ensure that all project activities will abide by the Grant Terms and Conditions; and

16       **WHEREAS**, both parties reserve the right to, upon mutual agreement, modify and make  
17 additions to the scope of work outlined herein; and

18       **WHEREAS**, the Term of this Agreement is for five (5) years and may be renewed upon  
19 termination. In the event that one or both parties should require termination of the agreement  
20 before the five (5) year period, a 30-day-minimum notification to both parties are required.  
21

22       **NOW, THEREFORE, BE IT RESOLVED**, by the Consolidated Commission on Utilities as  
23 follows:  
24

- 25                  1. GPA is approved to enter into a Memorandum of Agreement (MOA) with Guam  
26                  Department of Education (GDOE) to Perform Engineering and Management Services.
- 27                  2. The Memorandum of Agreement (MOA) shall be effective once signatures are  
28                  obtained by all authorized parties to the MOA.
- 29                  3. The Term of this Agreement is for five (5) years and may be renewed upon  
30                  termination. In the event that one or both parties should require termination of the  
31                  agreement before the five (5) year period, a 30-day-minimum notification to both  
32                  parties are required.  
33

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

**DULY AND REGULARLY ADOPTED AND APPROVED THIS 24TH DAY OF AUGUST, 2021.**

Certified by:

Attested by:

\_\_\_\_\_  
JOSEPH T. DUENAS  
Chairperson  
Consolidated Commission on Utilities

\_\_\_\_\_  
MICHAEL T. LIMTIACO  
Secretary  
Consolidated Commission on Utilities

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

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

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Abstain: \_\_\_\_\_

## EXHIBIT A

### GDOE PROJECTS:

1. New Simon Sanchez School Project
  - a. Final design, procurement and management most especially over the next (eight) 8 months
  - b. Review scope of work for construction and financing Request For Proposal (RFP)
2. Master Facilities Plan Participation
  - a. Participate in current Master Facilities Plan activities led by HHF Planners under US Corp of Engineers and US DOI
  - b. Review facility assessment of 41 schools by November 2021 to prioritize projects as part of a facilities plan that is to be finalized by Dec. 2021.
  - c. Prioritize, plan and execute capital improvement projects identified in the Master Facilities Planning Process utilizing funding from U.S. Department of Education through the American Rescue Plan (ARP).
3. DOI Grant Projects
  - a. Work with HHF Planners, US Army Corps of Engineers
  - b. Pursue other Federal Grants available to GDOE



**MEMORANDUM OF AGREEMENT**  
**GUAM DEPARTMENT OF EDUCATION**  
**ASSISTANCE WITH ENGINEERING AND MANAGEMENT SERVICES**

- 1) **Parties.** This Memorandum of Agreement (the “Agreement” or “MOA”) is between Guam Power Authority (“GPA”), a public corporation of the Government of Guam organized and existing under the laws of Guam, and the Guam Department of Education (“GDOE”). GPA and GDOE shall also be referred to collectively as the “Parties”.
- 2) **Purpose.** The Parties are entering into this Agreement will collaboratively perform engineering and management services to implement projects necessary to upgrade the educational infrastructure throughout the island.

The collaborative effort will enhance and broaden GDOE’s capability to sustain and maintain future complex education infrastructure improvement projects, including but not limited to: long term infrastructure CIP plan, energy and water use efficiency programs, renewable energy projects, cost reduction programs, maximized grant opportunities, and infrastructure financing capability.

3) **Recitals.**

Whereas, GDOE lacks sufficient internal engineering and management capabilities to implement projects necessary to upgrade its educational infrastructure throughout Guam. While GDOE works to build the necessary capacity, there is an immediate need for temporary assistance in helping to plan, review, implement and monitor near-term projects. Such assistance would need to include planning experience and an engineering background; and

Whereas, GDOE has an opportunity to plan and execute up to \$250 million of capital improvement projects over the next three years. The American Rescue Plan (ARP) projected funding of \$170M for CIPs identified in the GDOE Master Facilities Plan must be obligated by September 2023 and completed by September 2024; and

Whereas, GPA has proven expertise and experience implementing, completing, operating, and maintaining capital improvement projects; and

Whereas, a GPA-GDOE partnership will provide GDOE the expertise and the necessary experience coupled with the substantial American Rescue Plan funding to improve the island-wide schools to infrastructure standards necessary and conducive for educating our children.

- 4) **Scope of Work.** Based on the recitals above and the agreed upon consideration, the Parties agree as follows:

GPA shall assist GDOE with Engineering and Management Services for implementing its maintenance and capital improvement programs, essentially serving as “Owner’s Engineer” for the key projects and initiatives listed on Exhibit A. GPA may be compensated for reasonable costs through identified, approved grant funding, subject to grant program conditions.

- a) The Parties are responsible to execute the following:
  - i) GDOE shall furnish GPA a list of prioritized infrastructure projects, including approved scope of work, identified funding sources, and associated deadlines.
  - ii) GPA will furnish GDOE proposed schedules or timelines for such projects.
  - iii) GDOE shall review the proposed project schedules, make amendments, and provide a finalized schedule that may be agreed upon by the Parties.
  - iv) Grant Reports and Federal Forms shall be filled out collaboratively by the Parties.
  - v) Grant Report and Federal Forms shall be drafted and submitted by GDOE to the DOI, and/or FEMA Grant Manager.
- b) The Parties shall share and furnish all other information required by the Department of Interior and/or FEMA.
- c) The Parties shall ensure that all project activities will abide by the Grant Terms and Conditions furnished to both Parties by DOI and/or FEMA.
- d) The work shall be led and monitored by key professionals within the entities.

**5) Modifications to Scope of Work.**

Both parties reserve the right to, upon mutual agreement, modify and make additions to the scope of work outlined herein.

**6) Indemnification.**

Guam Department of Education. GDOE assumes no liability for any accident, loss, claim, judgment, action or injury that may occur to the Guam Power Authority (GPA) and their Contractors/Consultants and/or the Contractor's/Consultant's officers, directors, agents, servants, subcontractors and/or employees, and/or to the personal property of any such person or entity, arising out of the performance of services under this Memorandum of Agreement except to the extent caused or contributed to by the negligent act or omission of GDOE. In addition, no Board member, officer, agent, or employee of GDOE shall be liable personally under or by reason of this Memorandum of Agreement or any of its provisions. In addition, GDOE assumes no liability for any accident or injury that may occur to GPA, their contractor's/consultant's officers, directors, employees, agents, or dependents while traveling to and from Guam in furtherance of this Agreement. Furthermore, GPA, their Contractors/Consultants shall maintain at their expense all necessary insurance for its employees including but not limited to Worker's Compensation, Errors and Omissions, and liability insurance for each employee as required under U.S. and Guam Law and mandates of this Agreement. GPA, their Contractors/Consultants agrees to hold harmless and indemnify GDOE, its officers, directors, employees, agents, representatives, successors and assigns, for any and all claims, demands, costs, losses, fees, penalties, interest, or damages, including attorney's fees, which may be brought or asserted due to (a) any injury, death, or property damage arising from the negligence or other wrongful or tortuous acts of GPA, or Contractors/Consultants employees, officers, subcontractors, directors, agents, representatives, successors, or assigns, or (b) failure to comply with terms of this indemnification.

GDOE reserves the right to refuse any GPA employee/volunteer/worker to enter GDOE property if they violate any Guam Laws, GDOE policies or procedures. Parties agree to these terms to the extent allowable by Guam Law.

Guam Power Authority. GPA assumes no liability for any accident, loss, claim, judgment, action or injury that may occur to the Guam Department of Education (GDOE) and their officers, directors, agents, servants, subcontractors and/or employees, and/or to the personal property of any such person or entity, arising out of the performance of services under this Memorandum of Agreement except to the extent caused or contributed to by the negligent act or omission of GPA. In addition, no Board member, officer, agent, or employee of GPA shall be liable personally under or by reason of this Memorandum of Agreement or any of its provisions. GDOE agrees to hold harmless and indemnify GPA, its officers, directors, employees, agents, representatives, successors and assigns, for any and all claims, demands, costs, losses, fees, penalties, interest, or damages, including attorney's fees, which may be brought or asserted due to (i) any injury, death, or property damage arising from the negligence or other wrongful or tortuous acts of GDOE employees, officers, subcontractors, directors, agents, representatives, successors, or assigns, or (ii) failure to comply with terms of this indemnification.

**7) Laws and Statutes.**

Parties agree to the terms within this agreement to the extent allowable by Guam Law and applicable U.S. federal laws.

**8) Disputes.**

In the event of a dispute which arises from this Agreement, both parties agree in good faith to informally resolve the matter before resorting to legal remedies.

**9) Term of this Agreement.**

The Term of this Agreement for five (5) years and may be renewed upon termination.

**10) Termination.**

In the event that one or both parties should require termination of the agreement before the five (5) year period, a 30-day-minimum notification to both parties are required.

**The Parties hereby agree to the terms and conditions set forth above, effective \_\_\_\_\_, 2021.**

**GUAM POWER AUTHORITY**

**GUAM DEPARTMENT OF EDUCATION**

\_\_\_\_\_  
John M. Benavente, P.E.  
General Manager  
Guam Power Authority

\_\_\_\_\_  
Jon J.P. Fernandez  
Superintendent of Education  
Guam Department of Education

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

## EXHIBIT A

### GDOE PROJECTS:

- 1. New Simon Sanchez School Project**
  - a.** Final design, procurement and management most especially over the next (eight) 8 months
  - b.** Review scope of work for construction and financing Request For Proposal (RFP)
- 2. Master Facilities Plan Participation**
  - a.** Participate in current Master Facilities Plan activities led by HHF Planners under US Corp of Engineers and US DOI
  - b.** Review facility assessment of 41 schools by November 2021 to prioritize projects as part of a facilities plan that is to be finalized by Dec. 2021.
  - c.** Prioritize, plan and execute capital improvement projects identified in the Master Facilities Planning Process utilizing funding from U.S. Department of Education through the American Rescue Plan (ARP).
- 3. DOI Grant Projects**
  - a.** Work with HHF Planners, US Army Corps of Engineers
  - b.** Pursue other Federal Grants available to GDOE

# ISSUES FOR DISCUSSION

## 1. Memorandum of Agreement (MOA) GDOE/GPA Partnership



# **Memorandum of Agreement (MOA) GDOE/GPA Partnership**



# Memorandum of Agreement (MOA)

## GDOE/GPA Partnership

3

### Statement of Need

- GDOE is in need of engineering and management services to implement projects necessary to upgrade the educational infrastructure throughout the island. GDOE has reached out to the utilities for assistance, understanding the utilities' expertise and experience in implementing, operating, and maintaining capital improvement programs.
- A Utilities-GDOE partnership will benefit Guam's school children by matching the utilities' capabilities and capacities with the substantial American Rescue Plan funding and to be available to GDOE, to improve the overall infrastructure of island-wide schools thus providing a conducive learning environment for education of our children.
- The utilities have substantial engineering and construction experience to ensure the projects are successfully completed. The teams would consist of GDOE, GPA and GWA personnel under the leadership of key professionals within the entities.

# Memorandum of Agreement (MOA)

## GDOE/GPA Partnership

4

### Scope of Assistance

GPA to assist GDOE with Engineering and management services for implementing its maintenance and capital improvement programs, including:

#### **New Simon Sanchez HS Project**

- Assist in final design, procurement and management most especially over next eight (8) months
- Review scope of work for construction and financing Request for Proposal (RFP)

#### **Master Facilities Plan Participation**

- Participate in current master plan activities led by HHF Planners under US Army Corps of Engineers – DOI grant
- Review facility assessment of 41 schools by November 2021 to prioritize projects as part of a facilities plan that is to be finalized by December 2021.
- Prioritize, plan and executive CIPs Identified in the Master Facilities Planning process utilizing funding from USDOE thru American Rescue Plan (ARP).

#### **DOI Grant Projects**

- Work with HHF Planners (US Army Corps of Engineers)

#### **Other Federal Grants**

- Team would also pursue grants opportunities available to GDOE

#### **ARP Projects**

- Projected funding of about \$170M for CIP's – Requires, planning and implementing projects which need to be obligated by September 2023 and completed by September 2024

Total funding available and anticipated anywhere from \$250M to \$420M





# Memorandum of Agreement (MOA) GDOE/GPA Partnership

5

The Utilities-GDOE Partnership will also provide the opportunity to grow GDOE's capacity and sustained expertise to plan and implement their future needs including:

- Performance Management Team
- Master Plan
- 10- to 20-Year Infrastructure CIP plan
- Energy and Water-Use Efficiency Programs
- Renewable Energy Projects
- Cost Reduction Programs
- Maximize Grant Opportunities
- Infrastructure Financing Capability



# Memorandum of Agreement (MOA) GDOE/GPA Partnership

6

- The GDOE/Utilities Partnership will be established through a Memorandum of Agreement (MOA) to achieve the objectives noted herein.
- The partnership could begin this month (August 2021)
- The MOA would be consistent with the utilities efforts in assisting GDOE over the past few years which included:
  - Contributing \$500K for an energy and water efficiency study of all schools
  - Providing consumption tools to monitor school usage
  - Obtaining and implementing several millions in federal grants for lighting upgrades



# Management Report

## GPWA CCU Board Meeting, August 24, 2021



### GWA Workforce availability as of August 11, 2021

Healthy	357	97.0%
Sick, not COVID-19 related	3	0.8%
Employee with COVID-19, active case	1	0.3%
Military Leave	6	1.6%
LTD	1	0.3%
	368	100%

Total		
Healthy/Reporting for duty at worksite	350	95.1%
Healthy/Reporting for duty - Part Teleworking and Part Reporting for duty at worksite	1	0.3%
Healthy/Reporting for duty - Teleworking	6	1.6%
Employee with COVID-19, active case	1	0.3%
Employee sick - symptoms unrelated to COVID-19	3	0.8%
Military Leave	6	1.6%
LTD/Workers Comp	1	0.3%
	368	100%

### GWA Workforce Vaccine Status as of August 11, 2021

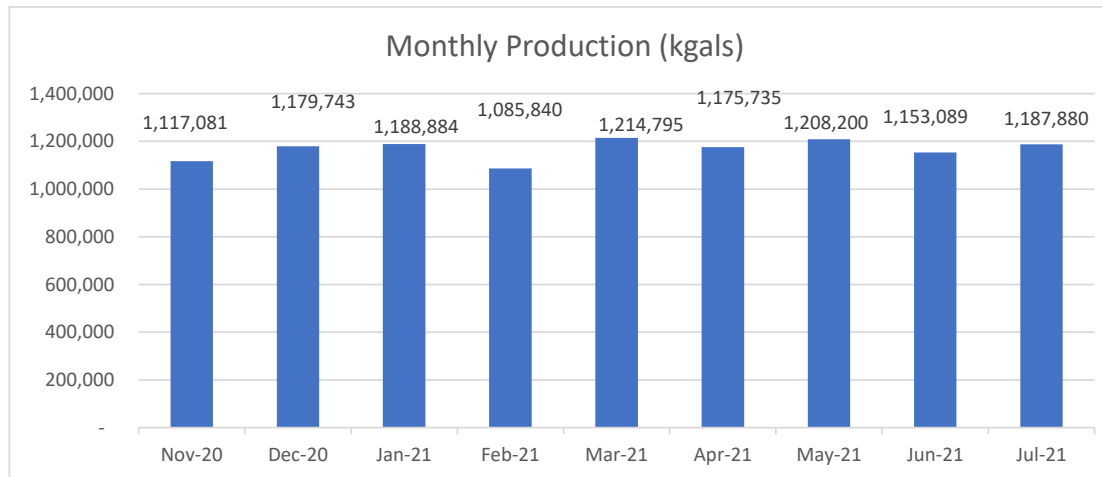
One Shot Remaining	2	0.54%
Fully Vaccinated	286	77.72%
Did Not Receive Shot	80	21.74%
	368	100.00%

## Operations Update

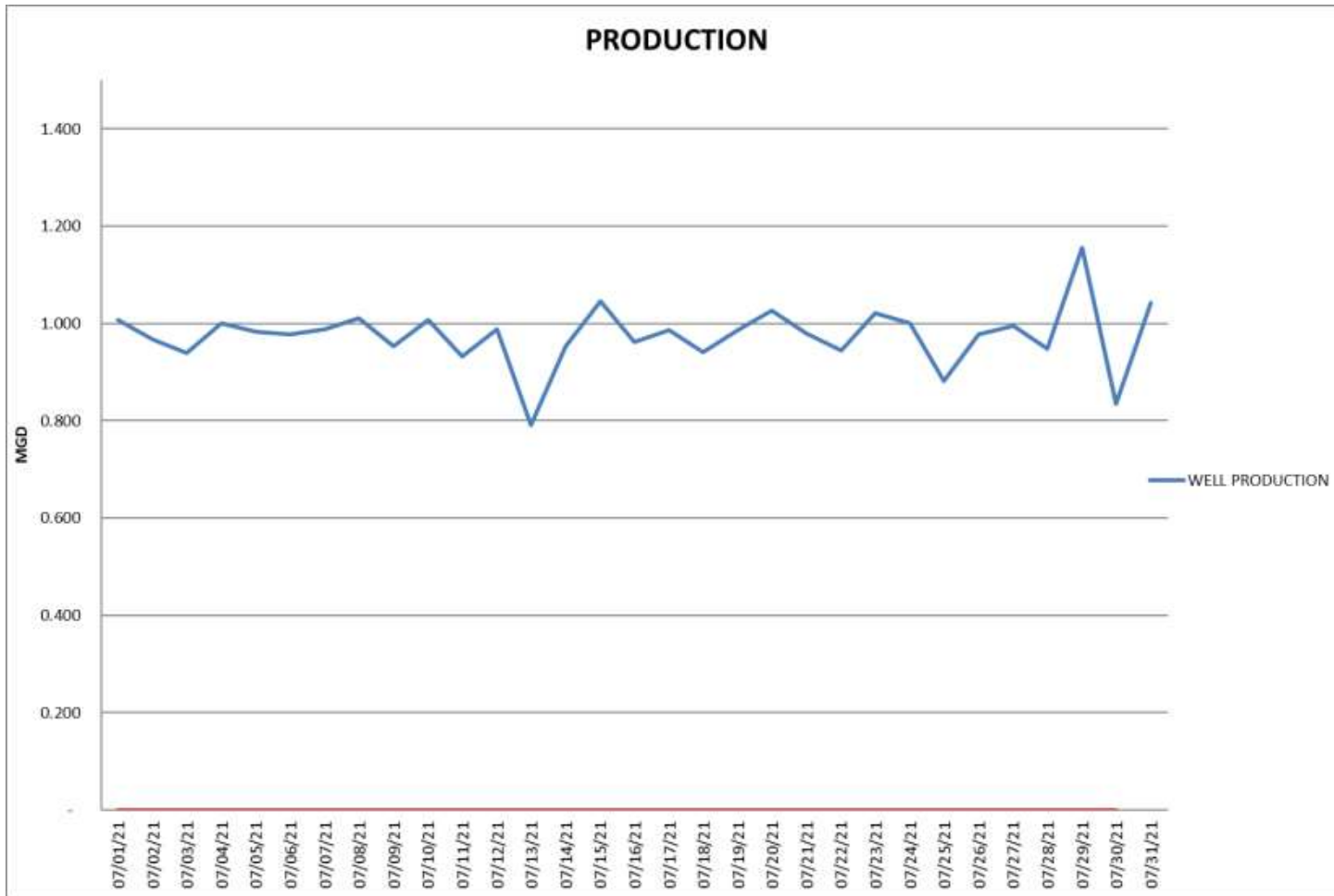
## Production (July 2021)

Monthly Production Summary - July 2021				
Deep Wells			35.1 MGD	
Active wells =	94	of 120		
Avg days in operation =	31	days		
Total Production =	1,086,633	Kgals		
Springs			0.22 MGD	
Avg days in operation =	31	days		
Total Production =	6909	Kgals		
Ugum Surface Water Plant			2.1 MGD	
Avg days in operation =	31	days		
Total Production =	64,106	Kgals		
Tumon Maui Well			0.98 MGD	
Avg days in operation =	31	days		
Total Production =	30,232	Kgals		
			1,187,880	38.3 MGD

DW Status as of 7/31/2021		
Active	94	
Grounded motor or Pump Failure	13	A26-D01-D03-D18B-F06-F07-F10-F13-F15-F19-M17A-Y16-Y20
Out of commission	8	A02-A07-A28-D05-D13-M14-MJ01-MJ05
Temporarily Secured - PFO	2	A23-A25
Standby	3	A29-Y01-Y02
TOTAL	120	

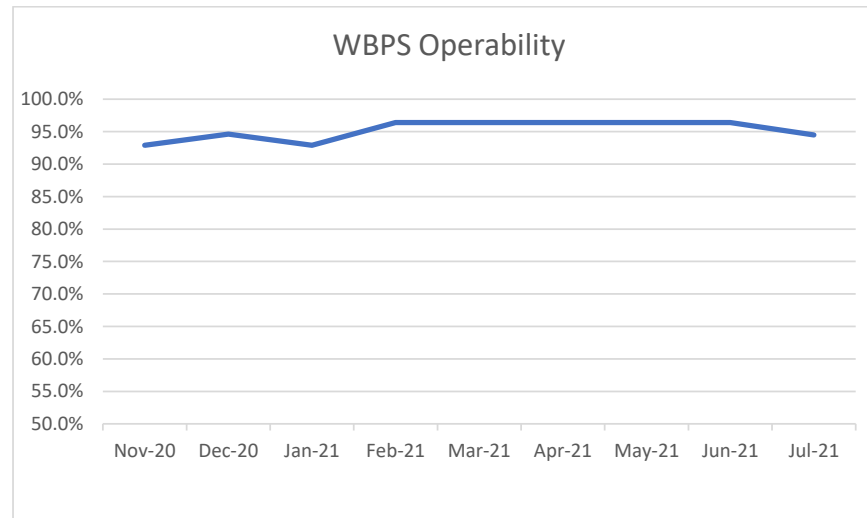


Tumon Maui Well Production (July 2021)

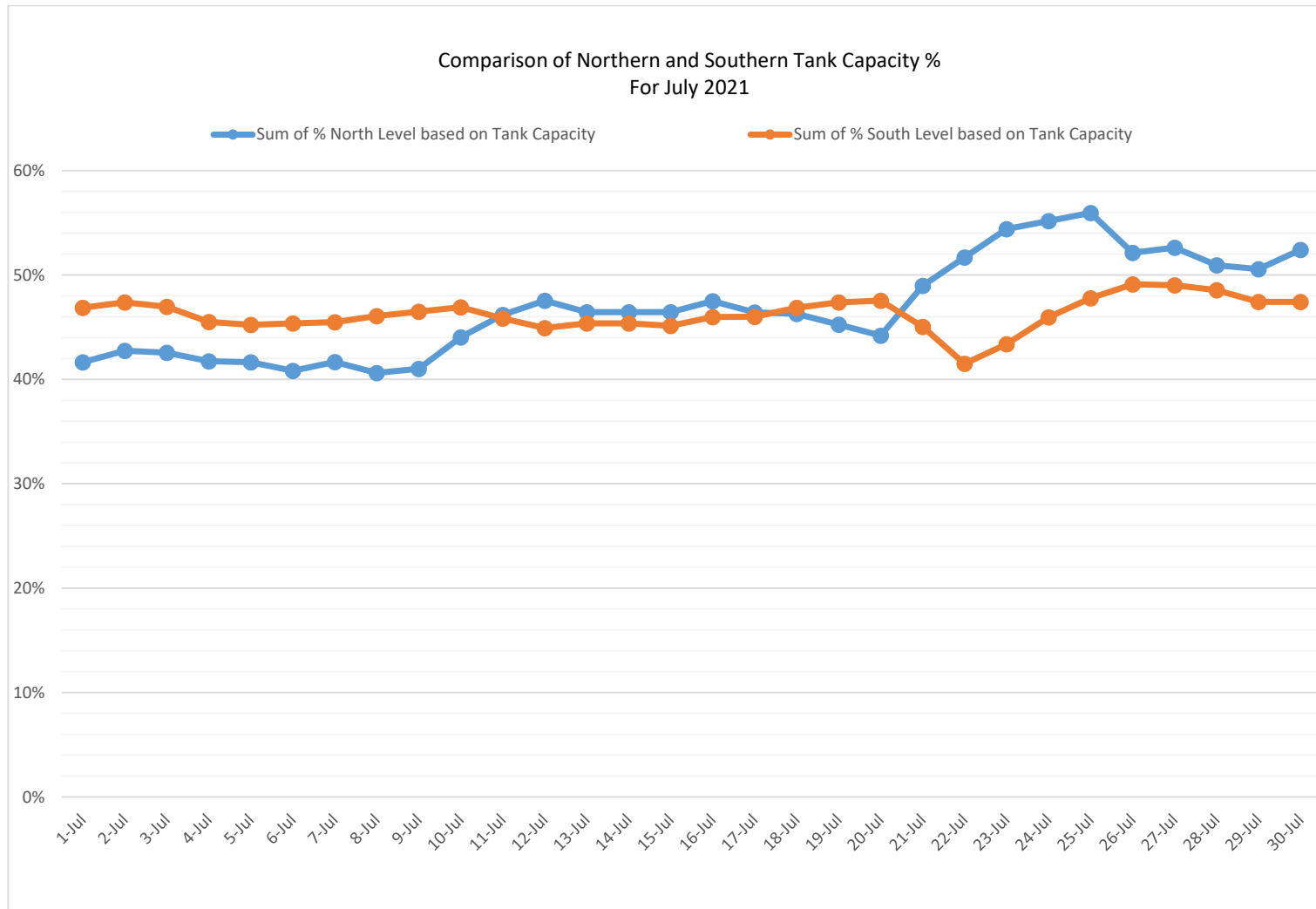


## Distribution (July 2021)

Monthly Distribution Summary - July 2021					
Water Booster Pump Stations					
	District	No. of Stations	Total Pumps	Pumps Operating	% Operational
	Northern	13	26	25	96.2%
	Central	7	14	12	85.7%
	Southern	7	15	15	100.0%
		27	55	52	94.5%

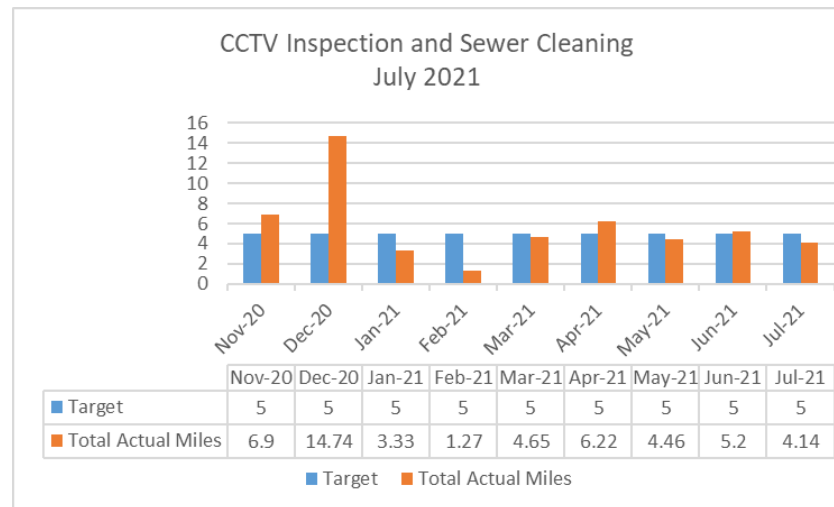
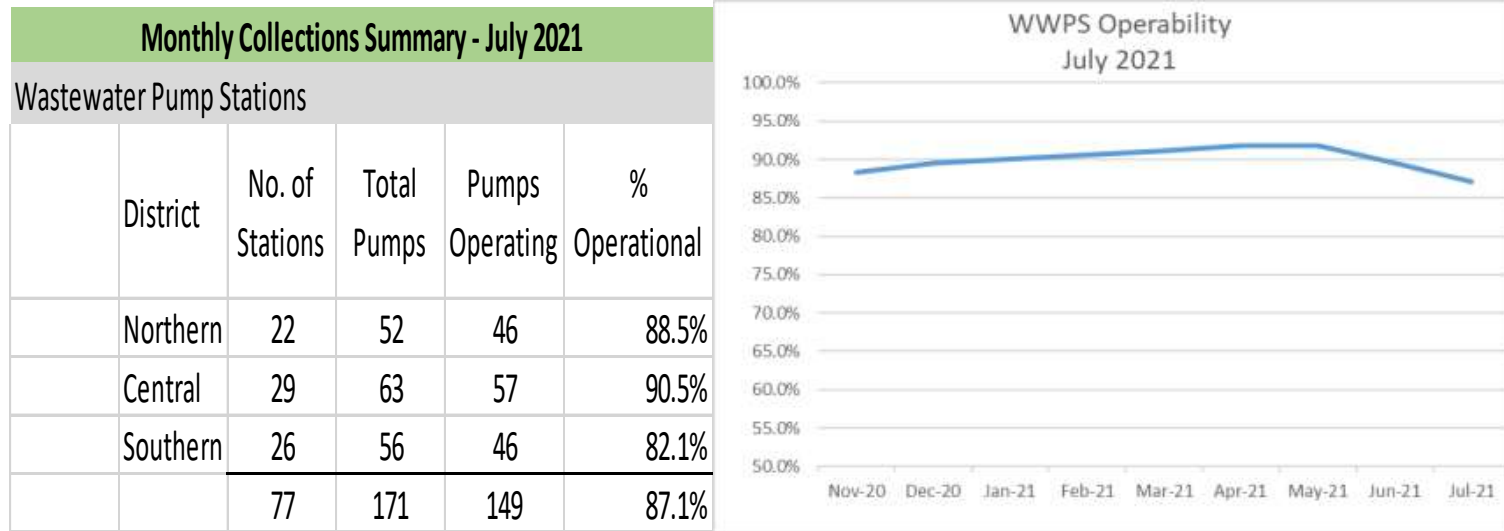


Distribution – Tank Levels (July 2021)



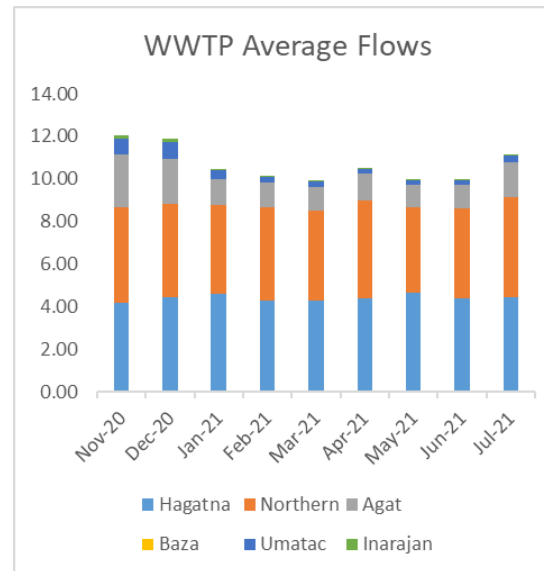


## Wastewater Collections (July 2021)



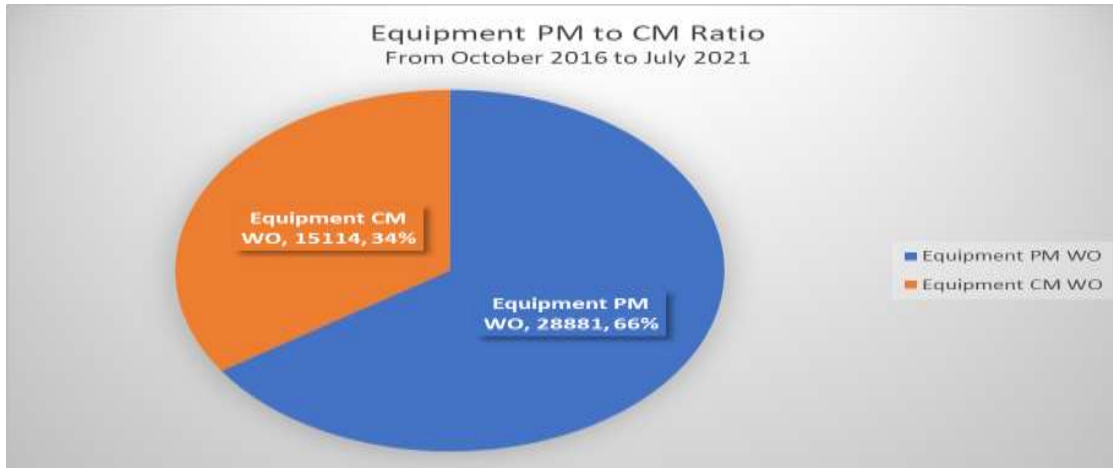
## Wastewater Treatment (July 2021)

Monthly Wastewater Treatment Summary - July 2021				
WW Treatment Plants - Flows				
	Facility	Avg. Daily Flows	Sludge (lbs)	Sludge Disp. (\$)
	Hagatna	4.46	272,620	\$ 24,536
	Northern	4.67	983,220	\$ 88,490
	Agat	1.63	56,020	\$ 5,042
	Baza	0		
	Umatac	0.33		
	Inarajan	0.08		
		11.17	1,311,860	\$ 118,068

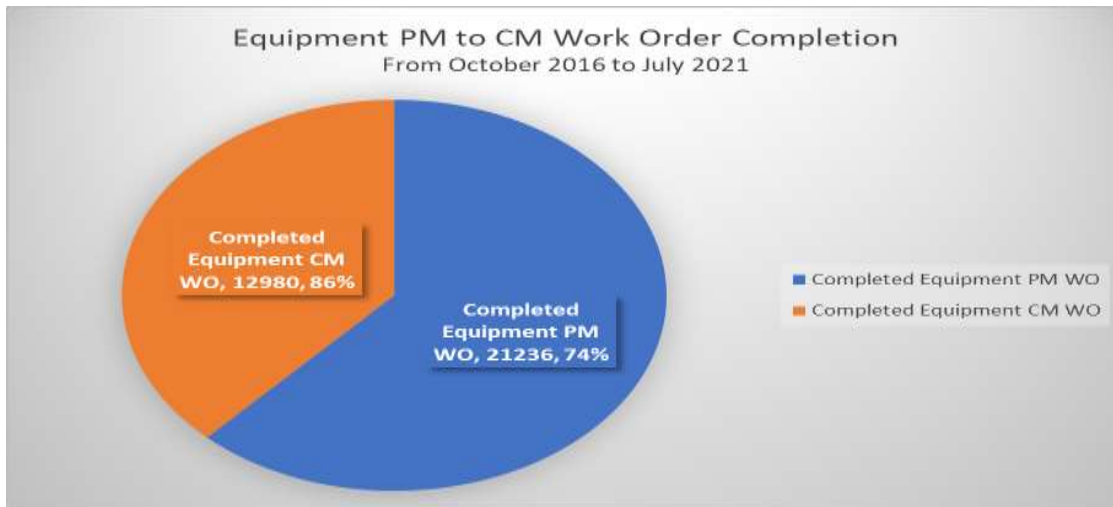


Asset Management (through July 2021)

I. Equipment Preventive Maintenance to Corrective Maintenance *Ratio*

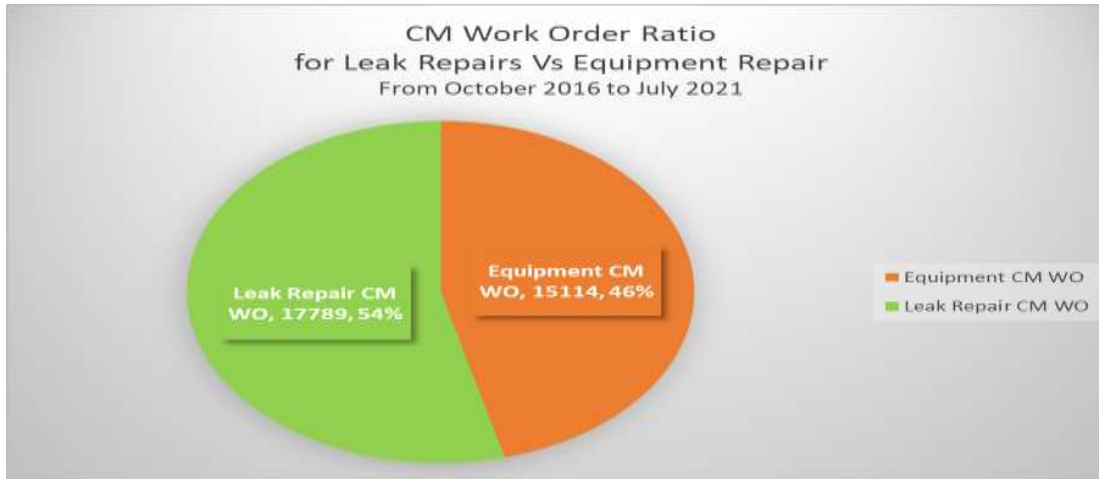


II. Equipment Preventive Maintenance to Corrective Maintenance *Work Order Completion*

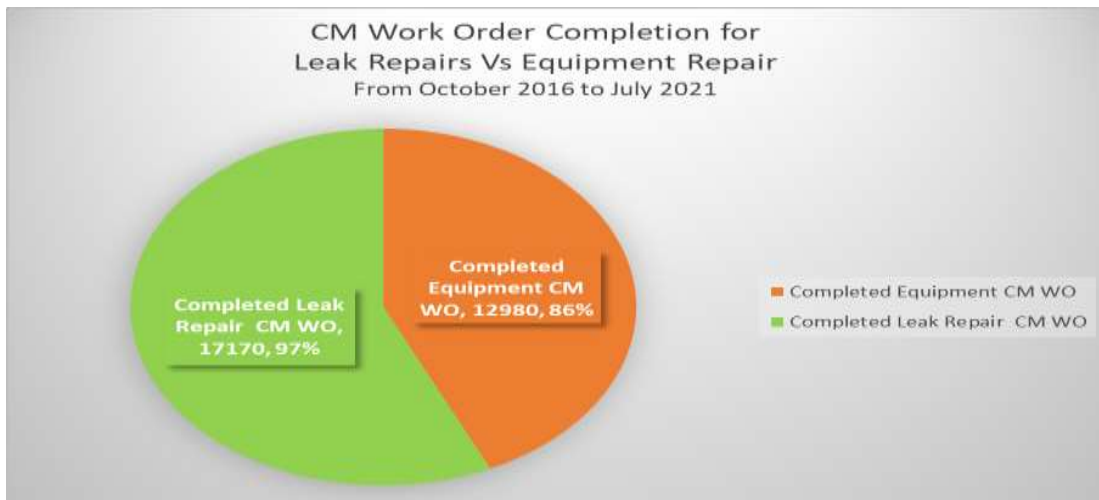


Asset Management (through July 2021)

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



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



## One Guam Update (through August 2021)

### **Tumon Maui Well**

- Still waiting on AAFB approval to increase the pumping rates to be consistent with the GEPA well permit.
- The sign for the TMW has been replaced.

### **OEA Projects**

- Observation Wells/NGLA
  - DoD is working to resolve ownership issue w/ adjacent landowner; GWA still needs to access BPM-1 site in Mangilao for rehabilitation project.
  - DoD issued license/right-of-entry document for BPM-1 for construction purposes
  - Contractor in process of getting drilling permits for expansion wells.
  - DoD access for contractor is being coordinated for expansion wells.

### **Water for Camp Blaz**

- No update

### **Strategy/Framework Discussion**

- Santa Rosa Intertie – Still pending approval by Andersen leadership (as with TMW/AG-1); all sent up together so expect response by Aug. 13.
- Route 16 Intertie – Maria stated they still need NBG to concur with the intertie. Cesar is still awaiting response from Installation to his email; will follow up next week.

### **Property Transfers**

- Transfer of Navy Laterals at Murray Road to GWA - No new update
- Transfer of ACEORP Tunnel – No new update; waiting for GovGuam to sign.
- Easement on Marbo property for Sewer Line - GWA request for easement/relocation was delivered to DOD. Waiting on response

### **Other**

- AWWA Local Conference at Westin
  - Operator Certification workshop is scheduled for Sep. 27 and 28; Sep. 29 and 30 is the technical part and a field trip day potentially to Umatac-Merizo Wastewater Treatment Plant

## Court Order Summary (July 2021 – no changes)



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

## Court Order – Status Information (July 2021)

- No CO delays due to approval of CO extension.
  - Final Date to complete CO 29(b) is June 30, 2023.
- Overflow or Bypass events reported to USEPA (for May, June and up to July 11, 2021):
  - SSO #442, July 23, 2021 - ET Memorial Way, Tamuning – FOG
  - SSO #444, July 31, 2021 - Santa Ana, Asan, sewer overflow – FOG
  - SSO #446, Aug. 5, 2021 - Marine Corps Drive, Tamuning – FOG.
  - SSO #447, Aug. 4, 2021 - Chalan Pago-Ordot – FOG

## Land Acquisition Summary (for July 2021)

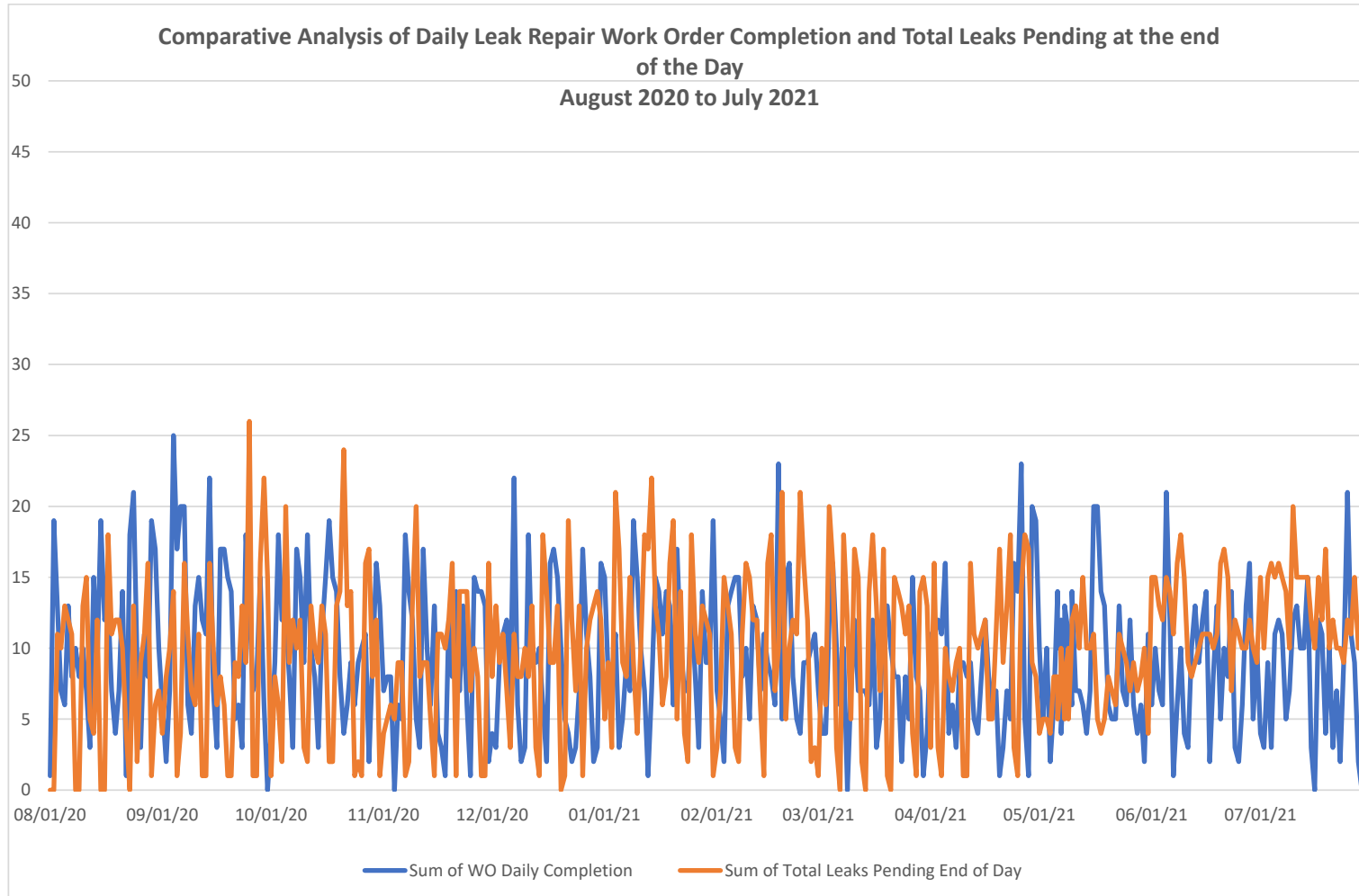
GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Tanks	Astumbo	Gov't. - CLTC	Petition of Land Registration package forwarded to Attorney General by DLM 11/04/19. 3 <sup>rd</sup> follow up update status request emailed to DLM 12/14/2020. Land Registration process is still pending from AG office per DLM 04/09/2021. <b>AG pending court filing 06/30/2021.</b>
	Piti	Private	Received final comments from DoAg. Waiting on the archaeological report before we can submit 299 form. Waiting for permission from NPS to access the lot and perform the Archeological survey.
	Airport	Private	<b>Return of Sale of Real Property and Petition for Confirmation of Sale - Notice of Hearing via telecom on August 18, 2021 at 2:00 p.m.</b>
Deep Wells	AG-12	Dept. of Agriculture / Manhita Farms	Right of Entry Agreement sent to Dept of AG for signature 05/24/18. 2 <sup>nd</sup> follow up sent on 09/12/18. 3 <sup>rd</sup> follow up sent on 04/10/19. Retracement Survey Property Map filed and recorded at DLM 7/10/19. DCA to proceed with survey work for parceling of AG-12 property 01/25/2021.
Booster Pump Station	Agfayan	Private	TGE working on structural design for pump station area for L28, B19, T3734, Inarajan 11/07/19. Letter of Decision received by CLTC 06/09/2021.

## Land Acquisition Summary (for July 2021 – continuation)

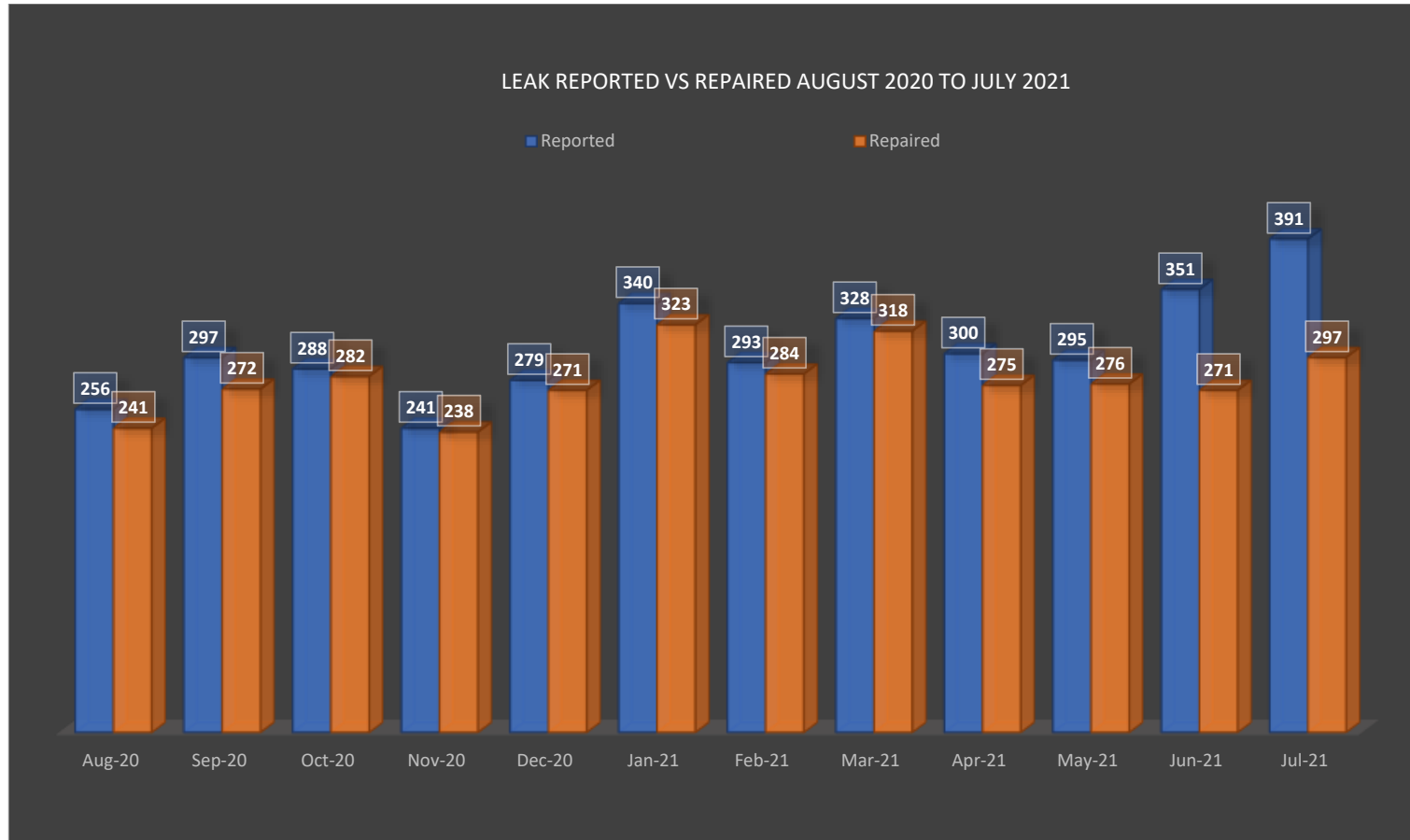
GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Asan Springs	Asan	Federal	<p>In order for NPS to issue a land ROW agreement with GWA, NPS has to complete NEPA first. GWA has HDR under contract to perform this work and an Environmental Assessment (EA) will be developed. The permit for the biological survey was submitted on 6/12/2020 and was signed by NPS on 1/22/2021. Further coordination between NPS and SHPO is pending to determine necessary approach for an archaeological survey. <b>New Chief of Resources for War in the Pacific National Historical Park, Timothy Clark, hired. Replacing Tahzay Jones, who was previously working with us. HDR following up with Tim Clark to get him up to speed on things.</b></p> <p><u>Biological Survey:</u></p> <ul style="list-style-type: none"> <li>Fieldwork completed, 2/10/2021. Based on a preliminary finding by HDR's biologist they have found snails close to the site, and within NPS proposed ROW, and outside the proposed ROW. Draft report submitted to NPS, 4/1/2021.</li> <li>Comments received from NPS, 6/4/2021.</li> <li>Final Report submitted to NPS, 6/12/2021.</li> </ul> <p><u>DOAG Environmental Consultation Letter:</u></p> <ul style="list-style-type: none"> <li>HDR sent Request letter sent to DOAG (Dep of Ag) on 3/15/2021.</li> <li>GWA followed up with DOAG on 6/25/2021.</li> <li>DOAG responded on 7/1/2021, but did not reach GWA Eng. until 8/4/2021; HDR review response letter and will respond soon.</li> </ul> <p>Pending archaeological survey requirements from SHPO. SHPO Letter sent to NPS for review, 5/29/2021. <b>Received first comments on letter on 7/1/2021; submitted revised letter on 7/12/2021.</b></p>



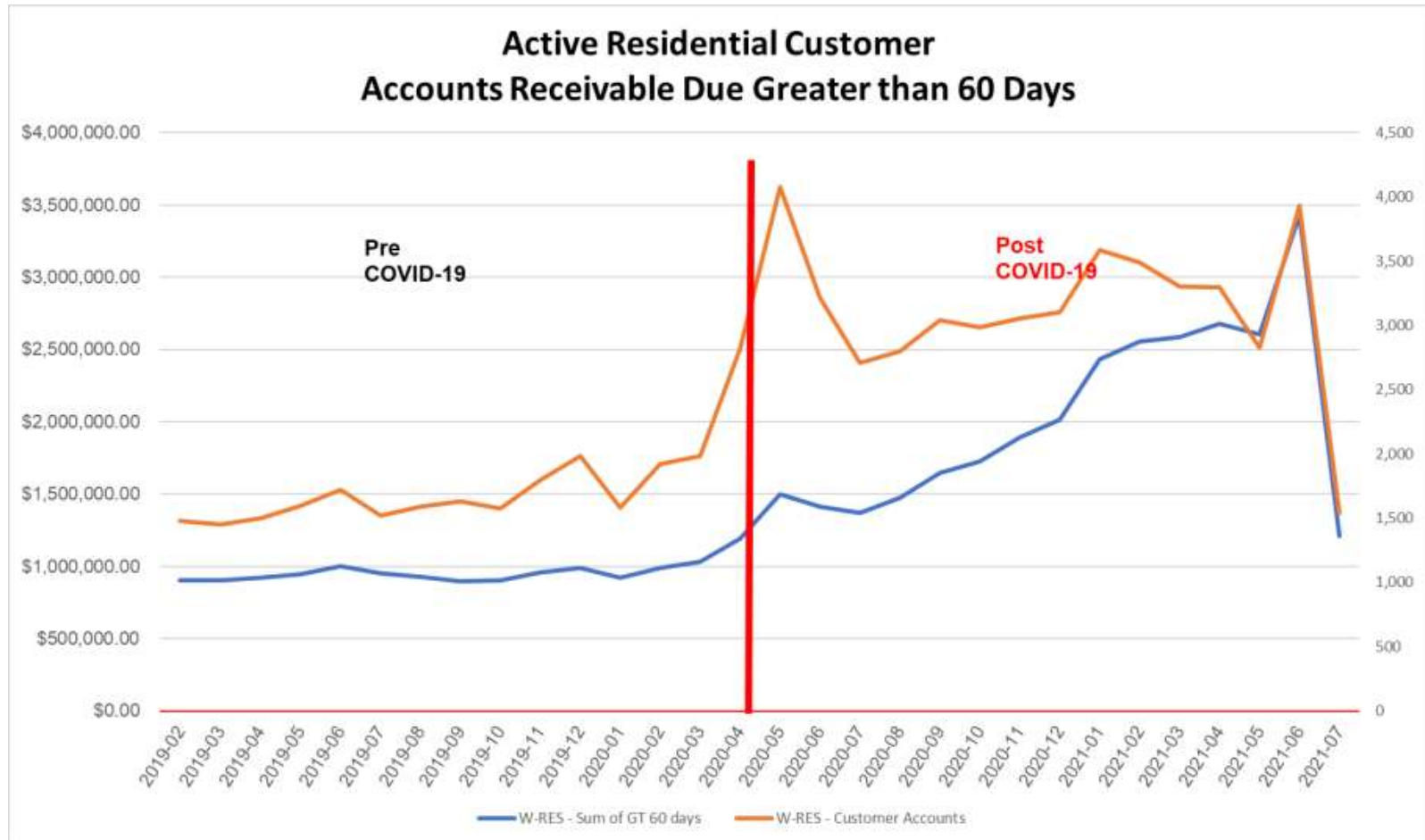
Leak Repair Summary (through July 2021)



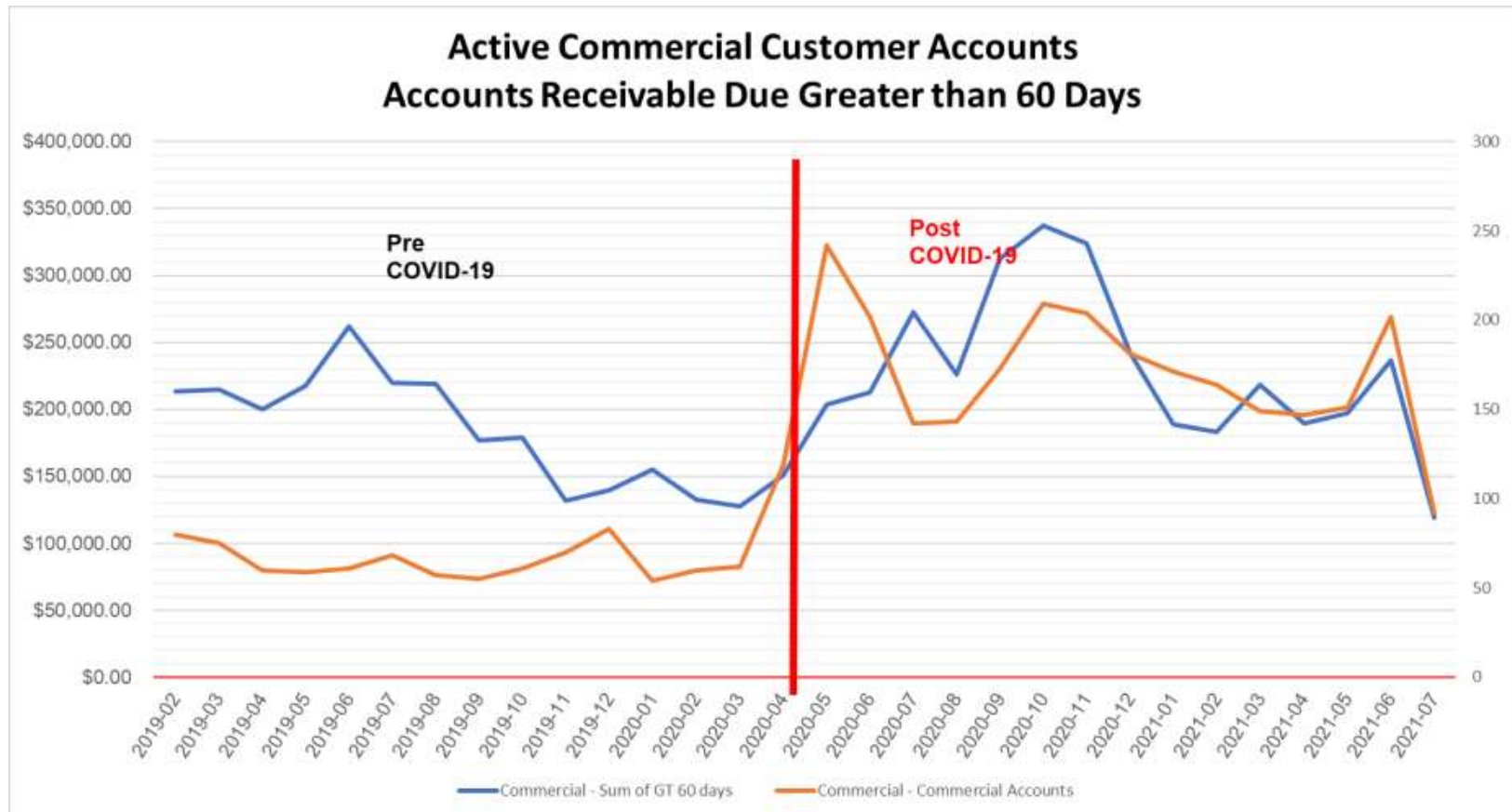
Comparison of Leaks Reported vs. Leaks Repaired (through July 2021)



Accounts Receivables Due Greater than 60 Days (through July 2021)



Accounts Receivables Due Greater than 60 Days (through July 2021)





# GWA Financial Overview

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JULY 2021





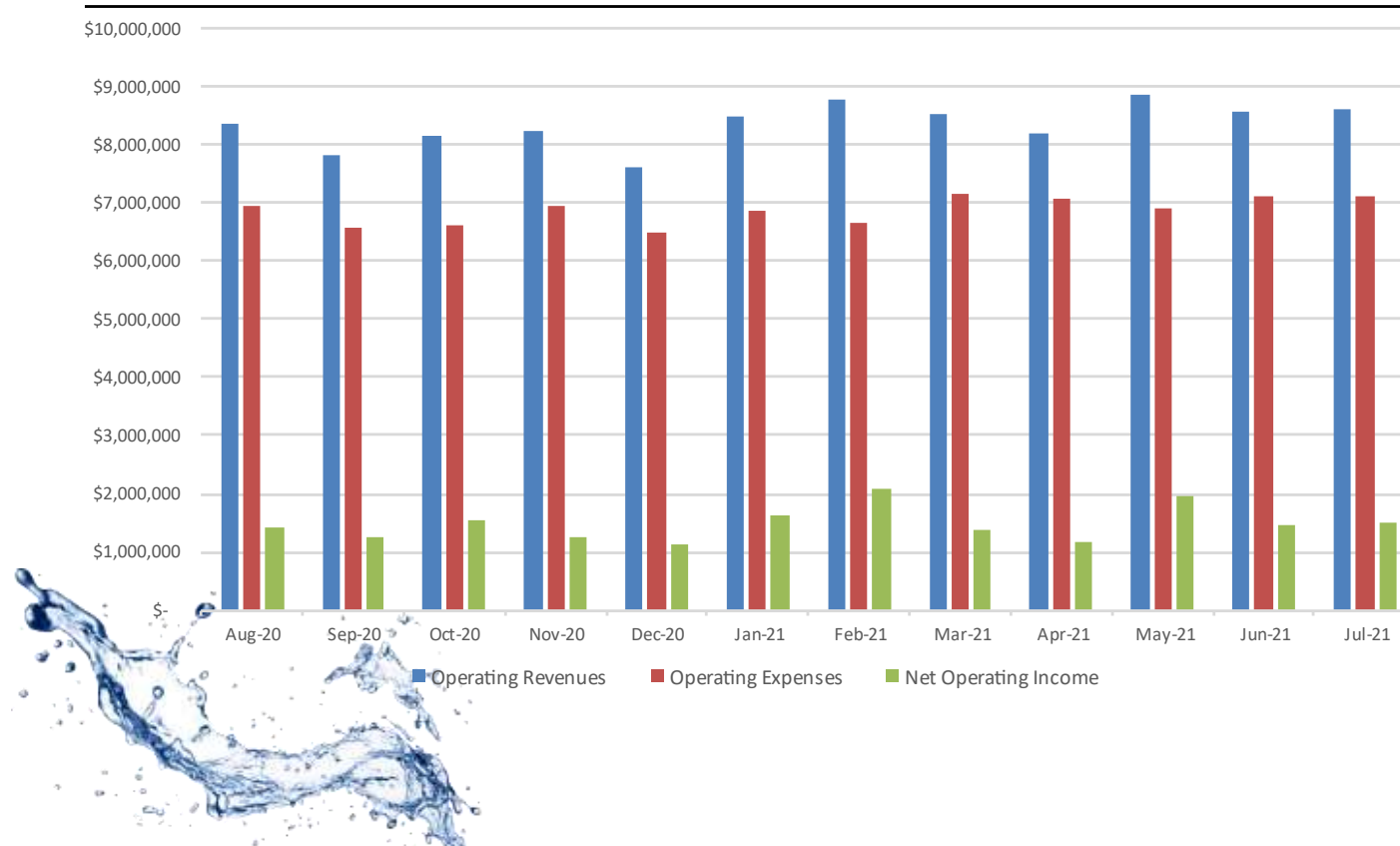
## Key Financial Indicators

Indicator	Target	Jun-21	Jul-21
DSC YTD			
• Per Section 6.12 of Indenture	1.25	1.34	1.35
• Per PUC / CCU	1.40	1.34	1.35
Days - Cash on Hand	120 days	306 days	297 days
Collection Ratio			
• Month to Date	99%	108%	107%
• Year to Date	99%	98%	98%
Days Billed	30 days	30 days	30 days
Account Receivable Days	30 days	44 days	45 days
Account Payable Days	45 days	30 days	39 days
Employee Count	400 FTE	361 FTE	363 FTE
Water Demand			
• Month to Date	478,754	455,272	437,884
• Year to Date	4,787,542	4,008,145	4,444,009
Wastewater Flow			
• Month to Date	356,472	315,154	311,764
• Year to Date	3,564,723	2,829,368	3,141,131
Water Customers	42,839	43,157	43,258
Wastewater Customers	29,805	29,998	29,885



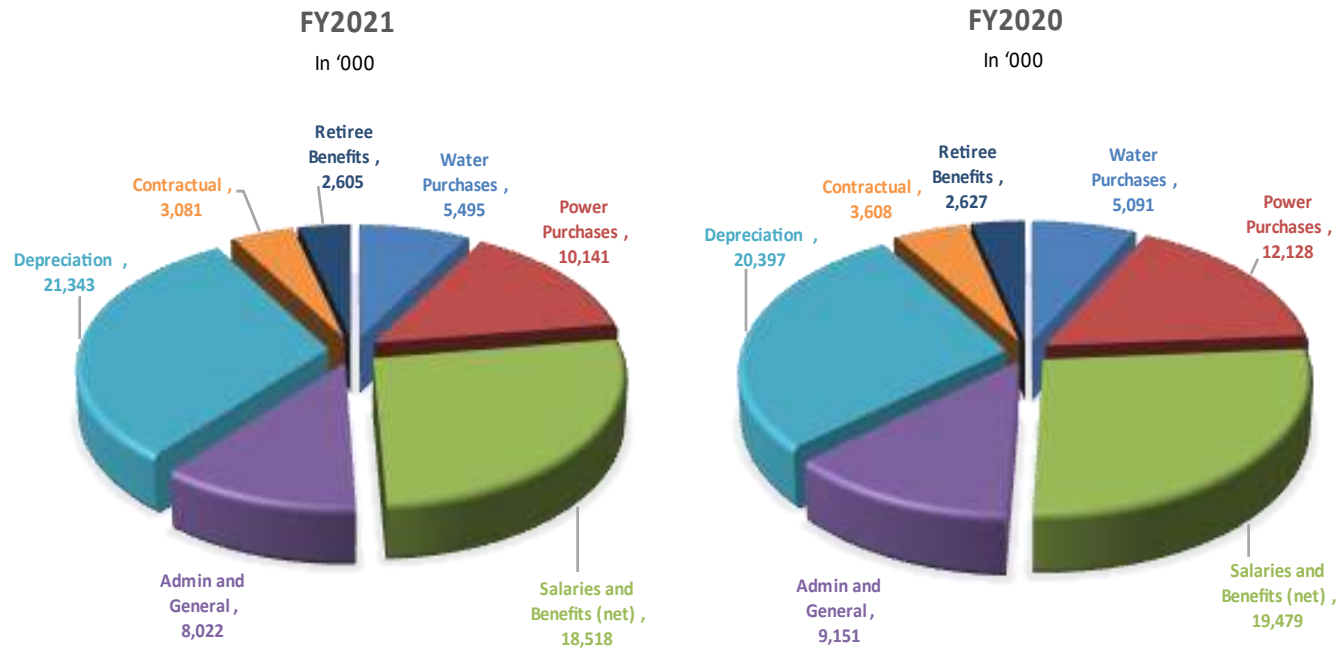


## Income Statement





## JULY 2021 YTD Expenses by Categories

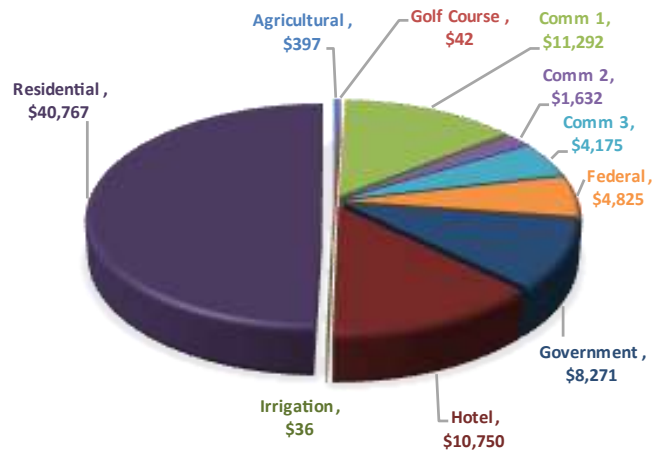




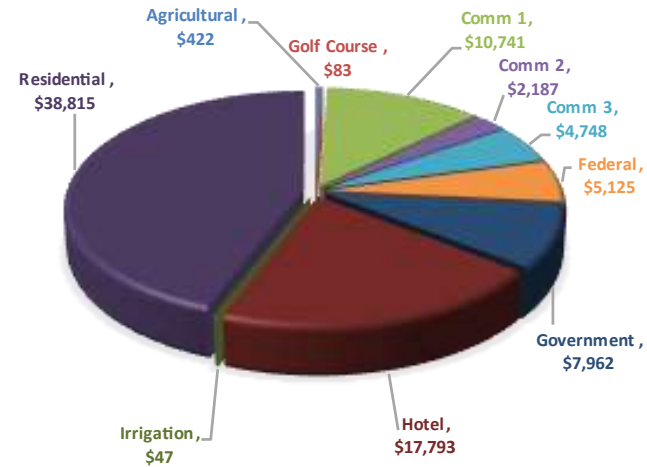


## JULY 2021 YTD Revenues by Rate Class

FISCAL YEAR 2021 (in '000)



FISCAL YEAR 2020 (in '000)



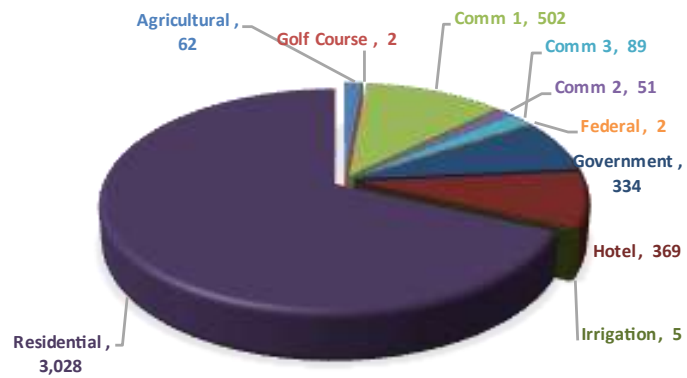


## JULY 2021 YTD Demand & Flow

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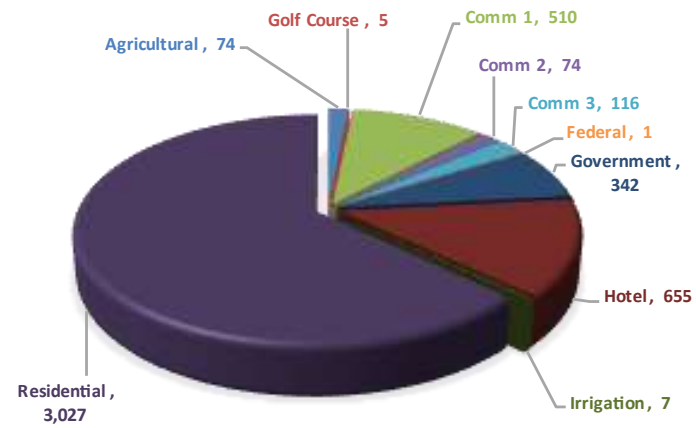
**FISCAL YEAR 2021**

in mGals



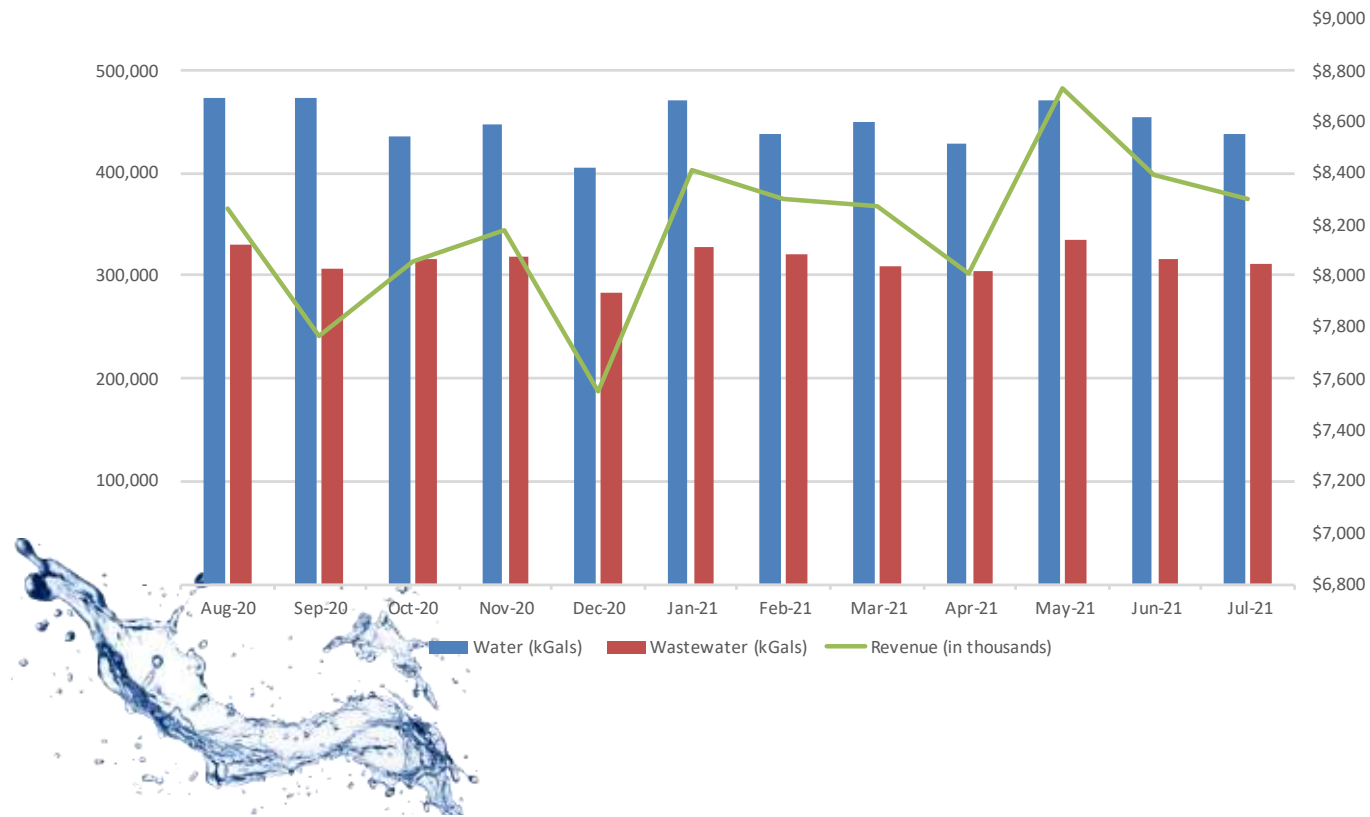
**FISCAL YEAR 2020**

in mGals





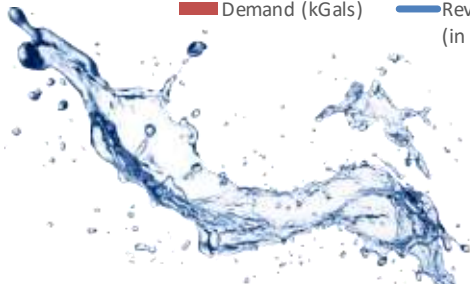
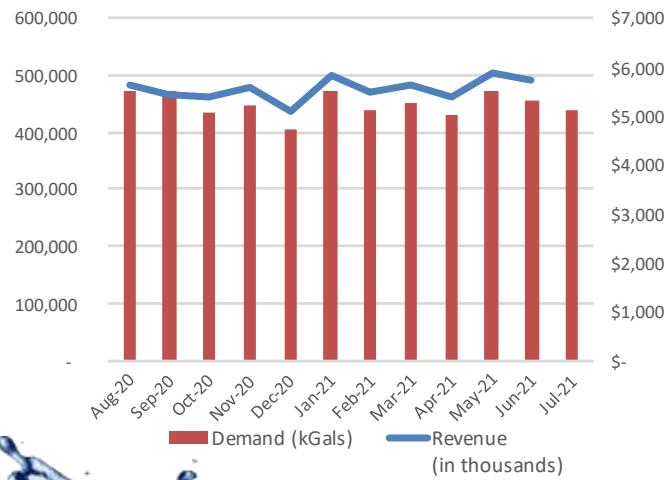
## Overall Revenues and Demand



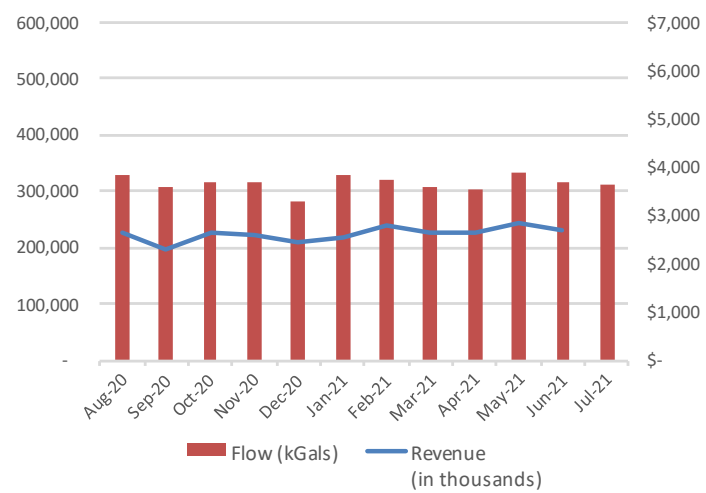


## Revenues and Demand

Water Revenue and Demand

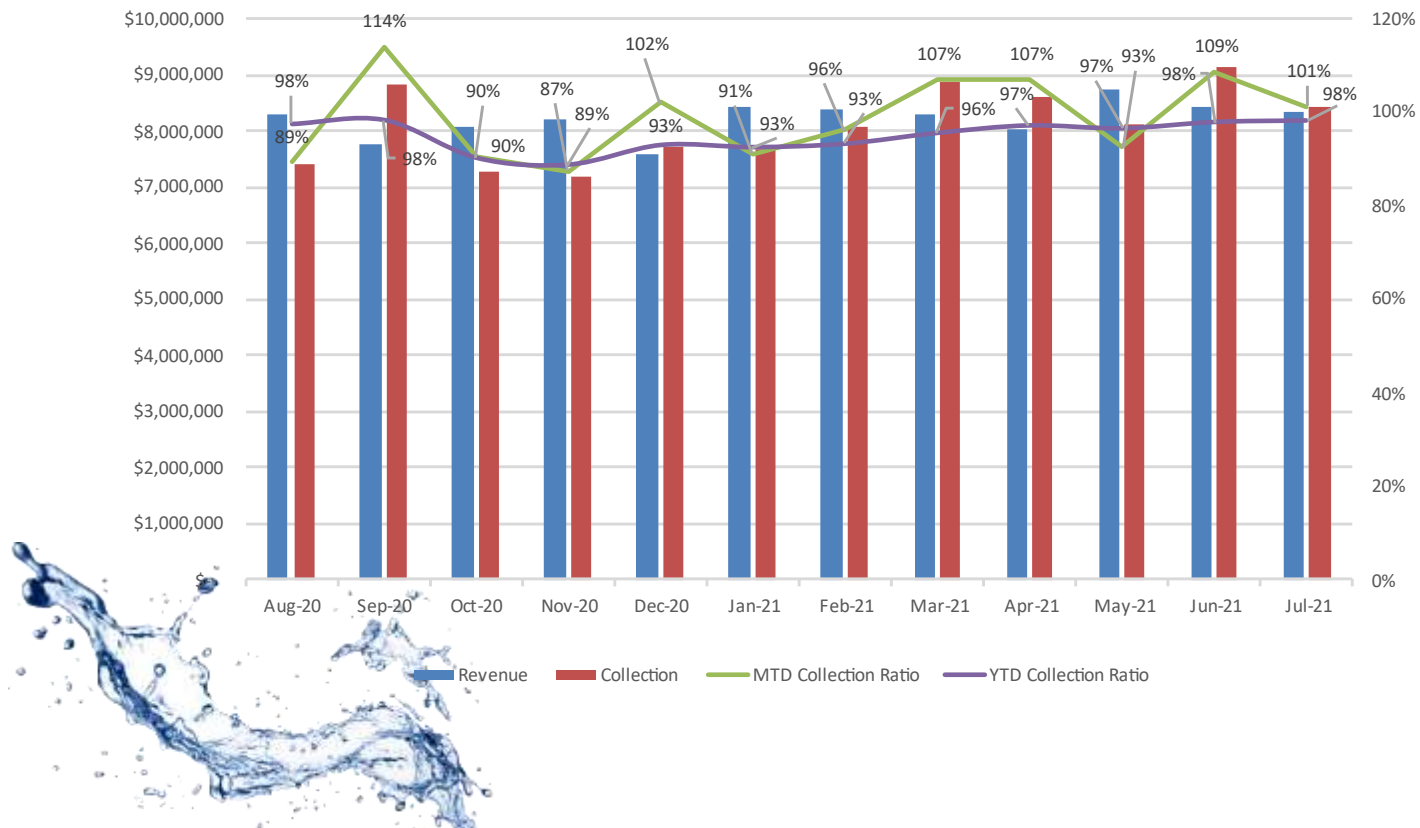


Wastewater Revenue and Flow



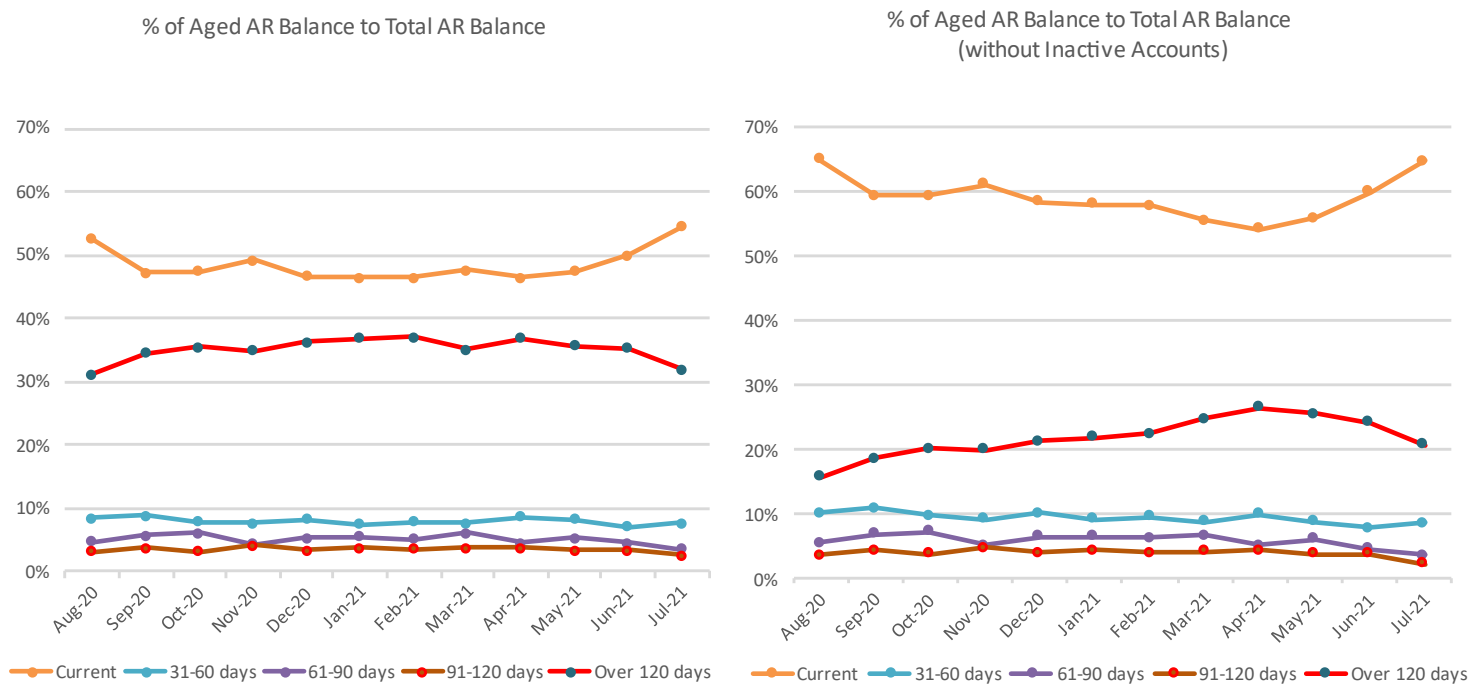


## Overall Revenues and Collections





## Overall – AR Aging





## Financial Statement Overview July 2021

There were 184 COVID-19 positive tests and 3 COVID-related fatalities reported during the month of July. Executive Order 2021-16 extended the public health emergency to August 30, 2021. While the island successfully vaccinated 80% of the adult population in July, the Island currently remains in PCOR 3. Except for the mask mandate, many of the mandates put in place as a result of the pandemic have been lifted.

By the end of July, Guam had received 233,450 vaccines, 185,289 or 79.37% were administered, and 102,780 persons fully immunized. Through July, Guam Army National Guard (National Guard) has been administering vaccines at the UOG fieldhouse. Vaccines were also provided at various locations throughout the island, including village locations, the Micronesia Mall and through certain clinics and pharmacies. Clinics will continue to be available in August, albeit in a more limited fashion.

On July 30, 2021, the island's COVID Area Risk (CAR) score was at .5 and testing was available to the public at no charge at various locations throughout the island.

On August 6, 2021, the average daily positive test rate for August was 22 and the CAR score was at 5.4. As a result, on August 6, 2021, the Governor issued Executive Order 2021-17, effective August 9, 2021, mandating Government of Guam executive branch employees receive the COVID-19 vaccine, or they will be required to test weekly for COVID-19. These workers must be fully vaccinated by September 24, 2021. She has encouraged all other GovGuam agencies and branches and local businesses to follow suit.

Despite the pandemic, a little more than a third of payments continue to be made in person. Beginning in August, ratepayers will be able to access one of the walkup windows in Upper Tumon to make payments; the drive through will continue to remain open.

Using social media, GWA continues to encourage customers to conduct business online or via the phone. Additionally, an automated customer service online support portal is available on the GWA website for permits, submissions related to backflow testing, payment plans, and other customer related requests.

On April 28, 2020, CCU Resolution 24-FY2020 granted the lifting of credit card limits on payments for non-residential accounts. To date, approximately 44% of payments made in FY21 were made with credit cards. Below is a summary of payments made exceeding the limit. and related fees.

Month	Customer Count	Amount Paid	Fees	% Of Fees to Payments
May – September 2020	140	\$241,335	\$4,952	2.05%
October – December 2020	100	\$194,764	\$3,916	2.01%
January – March 2021	122	\$272,887	\$5,487	2.01%
April – June 2021	150	\$333,368	\$6,703	2.01%
July 2021	50	\$160,497	\$2,141	2.01%

Since disconnections resumed in June, the Upper Tumon office has opened Saturday mornings to take payments. For the Saturdays In July, there were 300 GWA payments, or an average of 60 per day, and 315



GPA payments, or an average of 63 per day. A total of \$28.7K in GWA payments and \$76.6K in GPA payments were accepted during Saturdays in July.

For the month of July, Finance posted \$102,126.34 in utility payments from the Department of Administration (DOA) for eligible renters as part of the Emergency Rental Assistance Program funded through the second federal relief act. Customer Service is working with DOA to ensure that residents who qualify for the program are not disconnected while payments are in process. Once funding becomes available, DOA will also administer the homeowner assistance program which also includes assistance for utilities.

GWA was recently advised that it could not directly administer the Low-Income Household Water Assistance Program funded by US Department of Health and Human Services. The Governor will need to redesignate a lead agency. While utility assistance programs will likely be available for ratepayers through next year, September 4 will mark the end of the federal-funded Pandemic Unemployment Assistance and Federal Pandemic Unemployment Compensation programs.

Compared to last year, water consumption is down 10% and wastewater flows are down 8% for the month of July. Water consumption decreased in the residential class and increased in Commercial 1 & 3, Hotels, and GovGuam, as businesses reopen and employees return to their work sites; wastewater flows followed similar patterns.

Both Year to Date (YTD) water and wastewater demand were down 8% and 7% respectively compared to last year. Residential water demand was about the same as last year while, except for the Federal Government, demand in all other customer classes decreased. Wastewater flows decreased for most customer classes with the exception of residential and GovGuam. Note that the number of YTD billing days for 2021 is 5 days less than 2020.

YTD average daily water consumption for the period is down 6% from 15,880 to 14,913 kgals. YTD average daily water consumption for the residential class increased by 2%, from 9,991 to 10,160 kgals. The largest drop in YTD average daily water consumption was in the hotel class, a 74% drop going from 2,161 to 1,239 kgals. While the average daily consumption drop for Golf Courses was 138%, this drop was 10 kgals, from 17 to 7 kgals.

The first day of school of the 2021-2022 school year is scheduled to be August 12, 2021. GDOE anticipates a return by a majority of students to the classroom with the CDC recommending a return to face-to-face classes. While GCC will resume in person classes, UOG will continue virtual classes. See Schedule K for Water Demand for FY2015 to FY2021.

The Guam Visitors Bureau kicked off its Air V&V (Vaccination and Vacation) program to entice visitors (US citizens, green card holders, and non-citizens) to Guam. Participating hotels will assist with scheduling the vaccine and PCR tests. International travelers must provide a negative PCR test before boarding their flight to Guam, will receive a COVID-19 test the day following their arrival, and must undergo a 7-day self-paid quarantine. Additionally, to assist with their return, travelers will get a PCR test no more than 72 hours prior to departure.

The first direct flight from Taiwan in more than a year and a half arrived on July 6<sup>th</sup> with 153 passengers. GVB is providing free trolley service for island residents and visitors through the month of August. Flights from Korea to Guam will resume in August.

As the recovery of Guam's economy is slower than expected, revenues are coming in below projections. A cost containment plan is in place to respond to the revenue reductions. While sufficient cash reserves are in





place, management will continue to assess the situation and make any course corrections required to ensure continuity of services to our customers while keeping the safety of our staff the highest priority.

The system upgrade, moving from JD Edwards World to JD Edwards Enterprise 1 (E1), occurred on May 10. Employees are now able to update work orders in the field using a mobile application integrated with both E1 and CC&B, our customer information system. Staff has begun to meet weekly to ensure the system is working as expected. Phase II of the implementation will start in the near future.

The GWA Comprehensive Review and Update of its Five-Year Financial Plan & Capital Improvement Program (Financial Plan Update) and related Rate Application Model (RAM) were delivered to the PUC as required on May 1, 2021. Additionally, other analytical study related excel models were also provided. A scheduling order was issued by the Administrative Law Judge (ALJ) on May 3, 2021, and amended on May 4, 2021.

In July, GWA responded to the second set of Requests for Information from the Navy and the PUC Consultant (Consultant). The Consultant filed a Request for Relief on June 17 and an amended Request for Relief on July 18, 2021, suggesting that the excel models provided by GWA do not allow the Consultant to adequately perform analyses. GWA has taken exception to that position and has conducted several workshops on the models in which GWA clearly demonstrated that all concerns raised by the PUC consultants are without merit.

On July 15, GWA reached out to the Consultant regarding settlement discussions; the Consultant has taken the position that an ALJ ruling on their Requests for Relief is required before any settlement discussions are possible. On August 5<sup>th</sup>, the ALJ ordered that any password protections on the submitted models be removed.

While the amended scheduling order calendared the evidentiary hearings in early September and the ALJ Report and Proposed Order by September 17, 2021, in time for the PUC to address the Financial Plan Update at its September 30, 2021, meeting, on August 12<sup>th</sup>, the ALJ conducted a teleconference to determine scheduling changes. It is anticipated the ALJ will release an amended schedule the week of August 16, 2021.

#### ***Balance Sheet (Schedule A)***

- Total Assets & Deferred Outflows of Resources of \$1.152B in September 2020 increased by \$22.8M or 2% in July 2021 to \$1.175B. Current Assets decreased by \$659K primarily due to reductions in receivables and prepaid expenses offset by increases in cash. Property, Plant and Equipment increased by \$51.3M. Other Noncurrent Assets decreased by \$27.2M due to reductions in restricted cash and investments. Days Cash on Hand was calculated at 297 days. Schedule G contains a schedule of restricted and unrestricted cash and investments.
- Liabilities & Deferred Inflow of Resources of \$889.1M in September 2020 decreased by \$20M or 2% to \$869M in July 2021 primarily due to reductions in contractors payable, bonds payable and interest payable offset by an increase in trade accounts payable.
- Accounts Receivable days were 45 days in July, up one day compared to June 2021. Accounts Payable days were 39 days in July, up 9 days from June 2021. Schedule I presents Accounts Receivable Aging by Customer Class and Schedule H contains a breakdown of Government Receivables. Schedule J reports Accounts Payable Aging.

#### ***Statement of Operations and Retained Earnings (Schedules B-E)***

- Total Operating Revenues for July 2021 of \$8.6M were 9% or \$848K less than budget of \$9.5M. Operating Revenues for July 2001 were 1% or \$112K more than July 2020's \$8.5M as businesses begin to open due to the relaxation of public health emergency restrictions as well as the 5% rate increase effective in October 2020.



- Year to Date Operating Revenues as of July 2021 of \$84.1M were 11% or \$10.7M below budget of \$94.8M and \$5M or 6% below Year-to-Date Operating Revenues in July 2020 of \$89.1M.
- Below are the percentages of operating revenues (water and wastewater) contributed by GWA's customer classes for FY2021 and FY2020 Year to Date as of July as well as the revenue totals:

Customer Class	FY2021		FY2020	
o Residential	\$40,766,735	49.60%	\$38,815,024	44.15%
o Commercial	\$17,098,849	20.80%	\$17,676,768	20.10%
o Hotel	\$10,750,108	13.08%	\$17,793,174	20.24%
o Government of Guam	\$8,271,162	10.06%	\$7,961,881	9.06%
o Federal Government	\$4,824,932	5.87%	\$5,125,236	5.83%
o Agriculture, Golf Course, Irrigation	\$475,005	.58%	\$551,469	.63%

- Total Operating Expenses for July 2021 of \$7.1M were \$360K or 5% lower than budget of \$7.5M. Total Operating Expenses for July 2021 were 1% or \$39K more than June 2020's \$7.07M.
- Year to Date Operating Expenses in July 2021 of \$69.2M were \$5.5M or 7% lower than budget of \$74.7M. Year to Date Operating Expenses in July 2021 were \$3.3M or 5% less than last year's \$72.5M.
- Earnings from Operations for July 2021 of \$1.5M were 24% or \$488K less than the budget of \$2M and 5% or \$73K more than July 2020's \$1.5M. Change in Net Assets for July 2021 of \$8.7M was 212% or \$5.9M more than the \$2.8M budget and \$1.2M or 16% more than July 2020's \$7.5M.
- Year to Date Earnings from Operations as of July 2021 of \$14.9M were 26% or \$5.2M less than budget of \$20.1M and 10% or \$1.7M less than YTD Earnings of \$16.6M as of July 2020. Year to Date Change in Net Assets as of July 2021 of \$42.9M were \$14.95M or 54% more than budget of \$27.9M. Year to Date Change in Net Assets as of July 2021 were \$2.8M or 6% less than YTD as of July 2020 of \$45.7M.

**Key Financial Indicators**

Indicator	Target	June 2021	July 2021
DSC YTD			
• Per Section 6.12 of Indenture	1.25	1.34	1.35
• Per PUC / CCU	1.40	1.34	1.35
Days – Cash on Hand	120 days	306 days	297 days
Collection Ratio			
• Month to Date	99%	108%	107%
• Year to Date	99%	98%	98%
Days Billed	30 days	30 days	30 days
Account Receivable Days	30 days	44 days	45 days
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Employee Count	400 FTE	361 FTE	363 FTE
Water Demand			
• Month to Date	478,754	455,272	437,864
• Year to Date	4,787,542	4,006,145	4,444,009
Wastewater Flow			
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Water Customers	42,839	43,157	43,258
Wastewater Customers	29,805	29,998	29,885

**GUAM WATERWORKS AUTHORITY**  
**July 31, 2021**  
**FINANCIAL AND RELATED REPORTS**  
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**GUAM WATERWORKS AUTHORITY**  
**Balance Sheet**  
**July 31, 2021**

**SCHEDULE A**

<b>ASSETS AND DEFERRED OUTFLOWS of RESOURCES</b>	<b>Unaudited July 31, 2021</b>	<b>Audited September 30, 2020</b>	<b>Increase (Decrease)</b>
<u><b>Current Assets</b></u>			
Cash			
Unrestricted (Schedule G)	44,726,634	42,479,412	2,247,222
Restricted Funds (Schedule G)	30,899,449	30,072,502	826,948
Accounts Receivable Trade, Net of Allowance for Doubtful Receivables of \$8,229,726 at Jul 31, 2021 and \$8,027,857 at Sep 30, 2020	11,906,505	12,562,296	(655,791)
Federal Receivable	6,429,796	8,168,373	(1,738,578)
Other Receivable	837,714	902,423	(64,710)
Prepaid Expenses	1,167,720	2,615,782	(1,448,061)
Materials & Supplies Inventory, Net of Allowance for Obsolescence of \$64,131 at Jul 31, 2021 and \$64,131 at Sep 30, 2020	4,978,221	4,804,466	173,755
<b>Total Current Assets</b>	<b>100,946,039</b>	<b>101,605,252</b>	<b>(659,214)</b>
<u><b>Property, Plant and Equipment</b></u>			
Utility plant in service			
Water system	403,634,411	378,498,710	25,135,701
Wastewater system	493,264,365	481,549,640	11,714,725
Non-utility property	29,496,744	25,752,939	3,743,805
<b>Total property</b>	<b>926,395,520</b>	<b>885,801,289</b>	<b>40,594,231</b>
Less: Accumulated Depreciation	(364,168,067)	(343,128,759)	(21,039,308)
Land	5,240,187	5,240,187	-
Construction Work in Progress	182,025,753	150,323,347	31,702,406
<b>Property, Plant and Equipment, net</b>	<b>749,493,394</b>	<b>698,236,064</b>	<b>51,257,329</b>
<u><b>Noncurrent assets</b></u>			
Restricted cash (Schedule G)	196,295,197	219,203,039	(22,907,841)
Investments (Schedule G)	62,288,008	66,616,997	(4,328,988)
<b>Total other noncurrent assets and deferred charges</b>	<b>258,583,206</b>	<b>285,820,035</b>	<b>(27,236,829)</b>
<b>Total Assets</b>	<b>1,109,022,638</b>	<b>1,085,661,352</b>	<b>23,361,286</b>
<b>Deferred outflows of resources</b>			
Regulatory Assets	1,610,021	430,962	1,179,059
Debt defeasance due to bond refunding	31,630,831	33,351,801	(1,720,970)
Deferred outflows from pension	12,393,137	12,393,137	-
Deferred outflows from OPEB	20,526,945	20,526,945	-
<b>Total Assets and Deferred Outflows of Resources</b>	<b>1,175,183,572</b>	<b>1,152,364,198</b>	<b>22,819,375</b>
<b>LIABILITIES, DEFERRED INFLOWS of RESOURCES AND NET ASSETS</b>			
<u><b>Current Liabilities</b></u>			
Current maturities of long-term debt			
Series 2013 Revenue Bond	2,840,000	2,840,000	-
Series 2014 Refunding Bond	530,000	530,000	-
Series 2016 Revenue Bond	3,860,000	3,860,000	-
Series 2017 Refunding Bond	2,040,000	2,040,000	-
Accounts Payable -Trade	4,096,347	2,701,944	1,394,403
Accrued and Other Liabilities	1,304,543	1,238,863	65,680
Interest Payable	2,441,367	6,304,598	(3,863,231)
Accrued Payroll and Employee Benefits	1,014,743	354,780	659,963
Current portion of employee annual leave	572,761	572,761	-
Contractors' Payable	15,422,718	23,311,295	(7,888,577)
Customer and Other Deposits	2,395,363	2,199,462	195,900
<b>Total Current Liabilities</b>	<b>36,517,841</b>	<b>45,953,702</b>	<b>(9,435,861)</b>
<u><b>Long Term Debt, less current maturities</b></u>			
Series 2013 Revenue Bond	21,660,000	24,500,000	(2,840,000)
Series 2014 Refunding Bond	64,080,000	64,610,000	(530,000)
Series 2016 Revenue Bond	135,170,000	139,030,000	(3,860,000)
Series 2017 Refunding Bond	103,285,000	105,325,000	(2,040,000)
Series 2020A Revenue Bond	134,000,000	134,000,000	-
Series 2020B Refunding Bond	166,075,000	166,075,000	-
Unamortized Bond Premium/Discount	40,967,033	42,515,523	(1,548,490)
Net pension liability	54,387,676	54,387,676	-
Net OPEB obligation	84,163,331	84,163,331	-
Employee Annual Leave, Less Current Portion	1,222,548	1,222,548	-
Employee Sick Leave	1,226,702	1,226,702	-
<b>Total Liabilities</b>	<b>842,755,131</b>	<b>863,009,482</b>	<b>(20,254,351)</b>
<b>Deferred inflows of resources:</b>			
Contribution in Aid of Construction	245,557	67,608	177,948
Deferred inflows from pension	1,010,540	1,010,540	-
Deferred inflows from OPEB	25,015,789	25,015,789	-
<b>Total Liabilities and Deferred Inflows of Resources</b>	<b>869,027,017</b>	<b>889,103,419</b>	<b>(20,076,403)</b>
<b>Net Assets</b>	<b>306,156,556</b>	<b>263,260,778</b>	<b>42,895,778</b>
<b>Total Liabilities, Deferred Inflows of Resources and Net Assets</b>	<b>1,175,183,572</b>	<b>1,152,364,198</b>	<b>22,819,375</b>

**GUAM WATERWORKS AUTHORITY**  
**Statement of Operations and Retained Earnings**  
**Comparative Budget vs. Actual for the period ending July 31, 2021**

**SCHEDULE B**

	Month to Date		Variance
	Actual (Unaudited)	Budget*	Favorable /
	July-21	July-21	(Unfavorable)
<b>OPERATING REVENUES</b>			
Water Revenues	5,358,900	5,863,373	(504,473)
Wastewater Revenues	2,693,468	3,226,426	(532,957)
Legislative Surcharge	246,174	274,214	(28,040)
Other Revenues	41,911	35,895	6,016
System Development Charge	288,640	77,442	211,198
<b>Total Operating Revenues</b>	<b>8,629,093</b>	<b>9,477,350</b>	<b>(848,257)</b>
<b>OPERATING AND MAINTENANCE EXPENSES</b>			
Water Purchases	693,967	718,609	24,642
Power Purchases	1,067,955	1,082,131	14,177
Total Utility Costs	1,761,922	1,800,740	38,818
Salaries and Wages	1,577,709	1,769,221	191,512
Pension and Benefits	609,527	606,991	(2,536)
Total Salaries and Benefits	2,187,237	2,376,212	188,975
Capitalized Labor and Benefits	(302,527)	(308,333)	(5,806)
Net Salaries and Benefits	1,884,709	2,067,879	183,169
<b>Administrative and General Expenses</b>			
Sludge removal	103,958	131,907	27,949
Chemicals	138,360	160,696	22,335
Materials & Supplies	136,530	175,935	39,405
Transportation	32,554	37,298	4,744
Communications	7,979	14,528	6,550
Claims	12,116	12,181	65
Insurance	86,938	87,685	748
Training & Travel	499	2,521	2,022
Advertising	2,334	10,346	8,012
Miscellaneous	114,821	115,396	575
Regulatory Expense	8,958	24,155	15,196
Bad Debts Provision	165,491	165,913	422
Total Administrative and General Expense	810,538	938,561	128,023
<b>Depreciation Expense</b>	<b>2,141,736</b>	<b>1,855,919</b>	<b>(285,817)</b>
<b>Contractual Expense</b>			
Audit & Computer Maintenance	63,318	91,904	28,586
Building rental	41,692	42,352	660
Equipment rental	12,653	87,524	74,871
Legal	-	563	563
Laboratory	28,990	35,382	6,392
Other	104,506	267,774	163,268
Total Contractual Expense	251,159	525,500	274,340
Retiree Supp. Annuities and health care costs	210,066	233,386	23,320
Contribution to Government of Guam	50,333	48,546	(1,787)
Total Retiree Benefits	260,399	281,932	21,533
<b>Total Operating Expenses</b>	<b>7,110,463</b>	<b>7,470,530</b>	<b>360,068</b>
<b>Earnings (Loss) from Operations</b>	<b>1,518,631</b>	<b>2,006,820</b>	<b>(488,189)</b>
Interest Income - 2010/13/14/16/17/20 Series Bond	2,456	128,299	(125,844)
Interest Income - Other Funds	1,187	29,550	(28,364)
Interest Income - SDC	363	2,488	(2,124)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,441,367)	(2,638,329)	196,962
AFUDC	508,331	-	508,331
Amortization of Discount, Premium and Issuance Costs	156,349	(23,078)	179,427
Defeasance due to bond refunding	(172,097)	(22,439)	(149,658)
Prior Year Adjustment	(143,361)	-	(143,361)
Total non-operating revenues (expenses)	(2,088,139)	(2,523,508)	435,369
<b>Net Income (Loss) before capital contributions</b>	<b>(569,508)</b>	<b>(516,688)</b>	<b>(52,820)</b>
<b>Capital Contributions</b>			
Grants from US Government	9,293,992	3,311,071	5,982,920
Total Capital Contributions	9,293,992	3,311,071	5,982,920
<b>Change in Net Assets</b>	<b>8,724,483</b>	<b>2,794,383</b>	<b>5,930,100</b>
<b>Debt Service Calculation</b>			
Earnings From Operations	1,518,631	2,006,820	
System Development Charge	(288,640)	(77,442)	
Retiree COLA	50,333	48,546	
Interest/Investment Income	1,187	29,550	
Depreciation	2,141,736	1,855,919	
<b>Balance Available for Debt Service per Section 6.12</b>	<b>3,423,247</b>	<b>3,863,393</b>	
<b>Debt Service</b>			
Principal	772,500	772,500	
Interest	1,847,251	1,996,663	
<b>Total</b>	<b>2,619,751</b>	<b>2,769,163</b>	
<b>Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)</b>	<b>1.31</b>	<b>1.40</b>	
<b>Debt Service Coverage (1.40X) inclusive of reserves (PUC)</b>	<b>1.31</b>	<b>1.40</b>	

\*Adjusted budget

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**GUAM WATERWORKS AUTHORITY**  
**Statement of Operations and Retained Earnings**  
**Comparative for the period ending July 31, 2021 and 2020**

SCHEDULE C

	Month to Date		Variance
	Actual (Unaudited)	Actual (Unaudited)	Increase /
	July-21	July-20	(Decrease)
<b>OPERATING REVENUES</b>			
Water Revenues	5,358,900	5,532,300	(173,400)
Wastewater Revenues	2,693,468	2,659,186	34,282
Legislative Surcharge	246,174	249,680	(3,505)
Other Revenues	41,911	15,742	26,168
System Development Charge	288,640	59,848	228,792
<b>Total Operating Revenues</b>	<b>8,629,093</b>	<b>8,516,756</b>	<b>112,337</b>
<b>OPERATING AND MAINTENANCE EXPENSES</b>			
Water Purchases	693,967	831,550	(137,583)
Power Purchases	1,067,955	1,002,658	65,296
Total Utility Costs	1,761,922	1,834,208	(72,287)
Salaries and Wages	1,577,709	1,623,271	(45,562)
Pension and Benefits	609,527	561,182	48,346
Total Salaries and Benefits	2,187,237	2,184,453	2,784
Capitalized Labor and Benefits	(302,527)	(299,410)	(3,118)
Net Salaries and Benefits	1,884,709	1,885,043	(334)
<b>Administrative and General Expenses</b>			
Sludge removal	103,958	100,712	3,246
Chemicals	138,360	140,337	(1,976)
Materials & Supplies	136,530	108,749	27,782
Transportation	32,554	24,741	7,813
Communications	7,979	11,246	(3,267)
Claims	12,116	17,999	(5,883)
Insurance	86,938	78,369	8,569
Training & Travel	499	-	499
Advertising	2,334	9,901	(7,567)
Miscellaneous	114,821	88,415	26,406
Regulatory Expense	8,958	510	8,448
Bad Debts Provision	165,491	168,264	(2,772)
Total Administrative and General Expense	810,538	749,241	61,297
<b>Depreciation Expense</b>	<b>2,141,736</b>	<b>2,108,913</b>	<b>32,823</b>
<b>Contractual Expense</b>			
Audit & Computer Maintenance	63,318	77,105	(13,787)
Building rental	41,692	26,418	15,274
Equipment rental	12,653	8,996	3,657
Laboratory	28,990	11,131	17,859
Other	104,506	104,915	(408)
Total Contractual Expense	251,159	228,564	22,595
Retiree Supp. Annuities and health care costs	210,066	214,779	(4,713)
Contribution to Government of Guam	50,333	50,333	0
Total Retiree Benefits	260,399	265,112	(4,713)
<b>Total Operating Expenses</b>	<b>7,110,463</b>	<b>7,071,082</b>	<b>39,381</b>
<b>Earnings (Loss) from Operations</b>	<b>1,518,631</b>	<b>1,445,675</b>	<b>72,956</b>
Interest Income - 2010/13/14/16/17/20 Series Bond	2,456	3,157	(702)
Interest Income - Other Funds	1,187	1,419	(232)
Interest Income - SDC	363	5,072	(4,709)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,441,367)	(2,087,892)	(353,475)
Federal Expenditures	-	(27,842)	27,842
AFUDC	508,331	-	508,331
Amortization of Discount, Premium and Issuance Costs	156,349	(417,730)	574,079
Defeasance due to bond refunding	(172,097)	(68,976)	(103,121)
Prior Year Adjustment	(143,361)	(98,320)	(45,041)
Total non-operating revenues (expenses)	(2,088,139)	(2,691,111)	602,972
<b>Net Income (Loss) before capital contributions</b>	<b>(569,508)</b>	<b>(1,245,436)</b>	<b>675,928</b>
<b>Capital Contributions</b>			
Grants from US Government	9,293,992	8,754,403	539,589
Grants from GovGuam & Others	-	19,726	(19,726)
Total Capital Contributions	9,293,992	8,774,128	519,864
<b>Change in Net Assets</b>	<b>8,724,483</b>	<b>7,528,692</b>	<b>1,195,791</b>
<b>Debt Service Calculation</b>			
Earnings From Operations	1,518,631	1,445,675	
System Development Charge	(288,640)	(59,848)	
Retiree COLA	50,333	50,333	
Interest/Investment Income	1,187	1,419	
Depreciation	2,141,736	2,108,913	
<b>Balance Available for Debt Service per Section 6.12</b>	<b>3,423,247</b>	<b>3,546,491</b>	
<b>Debt Service</b>			
Principal	772,500	730,833	
Interest	1,847,251	2,117,099	
<b>Total</b>	<b>2,619,751</b>	<b>2,847,932</b>	
<b>Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)</b>	<b>1.31</b>	<b>1.25</b>	
<b>Debt Service Coverage (1.40X) (PUC)</b>	<b>1.31</b>	<b>1.25</b>	

**GUAM WATERWORKS AUTHORITY**  
**Statement of Operations and Retained Earnings**  
**Comparative Budget vs. Actual for the period ending July 31, 2021**

SCHEDULE D

	Year to Date Actual (Unaudited) July-21	Budget* July-21	Variance Favorable / (Unfavorable)
<b>OPERATING REVENUES</b>			
Water Revenues	53,800,281	58,633,732	(4,833,451)
Wastewater Revenues	25,962,615	32,264,257	(6,301,642)
Legislative Surcharge	2,423,907	2,742,142	(318,235)
Other Revenues	413,509	358,948	54,562
System Development Charge	1,497,699	774,420	723,279
<b>Total Operating Revenues</b>	<b>84,098,011</b>	<b>94,773,498</b>	<b>(10,675,487)</b>
<b>OPERATING AND MAINTENANCE EXPENSES</b>			
Water Purchases	5,494,951	7,186,088	1,691,137
Power Purchases	10,141,142	10,821,314	680,172
Total Utility Costs	15,636,093	18,007,403	2,371,309
Salaries and Wages	15,608,026	17,692,207	2,084,181
Pension and Benefits	5,963,618	6,069,913	106,295
Total Salaries and Benefits	21,571,644	23,762,120	2,190,477
Capitalized Labor and Benefits	(3,053,842)	(3,083,333)	(29,491)
Net Salaries and Benefits	18,517,801	20,678,787	2,160,986
<b>Administrative and General Expenses</b>			
Sludge removal	1,269,827	1,319,071	49,244
Chemicals	1,255,030	1,696,955	441,925
Materials & Supplies	1,157,641	1,739,353	581,713
Transportation	370,026	372,977	2,951
Communications	123,688	128,783	5,096
Claims	67,706	68,307	601
Insurance	796,715	797,853	1,138
Training & Travel	27,680	239,109	211,429
Advertising	63,124	113,460	50,336
Miscellaneous	982,494	983,961	1,467
Regulatory Expense	264,529	264,647	118
Bad Debts Provision	1,643,256	1,661,132	17,876
Total Administrative and General Expense	8,021,715	9,385,609	1,363,894
<b>Depreciation Expense</b>	<b>21,343,083</b>	<b>18,559,193</b>	<b>(2,783,890)</b>
<b>Contractual Expense</b>			
Audit & Computer Maintenance	941,261	942,040	779
Building rental	414,049	414,519	471
Equipment rental	222,470	874,242	651,773
Legal	-	5,627	5,627
Laboratory	242,970	353,823	110,852
Other	1,259,846	2,664,744	1,404,898
Total Contractual Expense	3,080,595	5,254,995	2,174,400
Retiree Supp. Annuities and health care costs	2,101,264	2,333,857	232,592
Contribution to Government of Guam	503,333	485,460	(17,874)
Total Retiree Benefits	2,604,598	2,819,317	214,719
<b>Total Operating Expenses</b>	<b>69,203,885</b>	<b>74,705,303</b>	<b>5,501,418</b>
<b>Earnings (Loss) from Operations</b>	<b>14,894,126</b>	<b>20,068,195</b>	<b>(5,174,069)</b>
Interest Income - 2010/13/14/16/17/20 Series Bond	24,301	1,282,994	(1,258,693)
Interest Income - Other Funds	10,229	295,504	(285,275)
Interest Income - SDC	11,989	24,875	(12,886)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(25,003,786)	(26,383,292)	1,379,506
Contributions from Federal Government	188,768	-	188,768
Federal Expenditures	(130,939)	-	(130,939)
Loss on Asset Disposal	28,991	-	28,991
AFUDC	5,085,371	-	5,085,371
Amortization of Discount, Premium and Issuance Costs	1,561,740	(230,775)	1,792,515
Defeasance due to bond refunding	(1,720,970)	(224,386)	(1,496,584)
Prior Year Adjustment	96,817	-	96,817
Total non-operating revenues (expenses)	(19,847,489)	(25,235,079)	5,387,590
<b>Net Income (Loss) before capital contributions</b>	<b>(4,953,363)</b>	<b>(5,166,884)</b>	<b>213,521</b>
<b>Capital Contributions</b>			
Grants from US Government	47,842,035	33,110,714	14,731,321
Grants from GovGuam & Others	7,106	-	7,106
Total Capital Contributions	47,849,140	33,110,714	14,738,426
<b>Change in Net Assets</b>	<b>42,895,778</b>	<b>27,943,830</b>	<b>14,951,948</b>
<b>Debt Service Calculation</b>			
Earnings From Operations	14,894,126	20,068,195	
System Development Charge	(1,497,699)	(774,420)	
Retiree COLA	503,333	485,460	
Interest/Investment Income	10,229	295,504	
Depreciation	21,343,083	18,559,193	
<b>Balance Available for Debt Service per Section 6.12</b>	<b>35,253,072</b>	<b>38,633,932</b>	
<b>Debt Service</b>			
Principal	7,725,000	7,725,000	
Interest	18,472,514	19,966,625	
<b>Total</b>	<b>26,197,514</b>	<b>27,691,625</b>	
<b>Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)</b>	<b>1.35</b>	<b>1.40</b>	
<b>Debt Service Coverage (1.40X) inclusive of reserves (PUC)</b>	<b>1.35</b>	<b>1.40</b>	

\*Adjusted budget



**GUAM WATERWORKS AUTHORITY**  
**Statement of Operations and Retained Earnings**  
**Comparative for the period ending July 31, 2021 and 2020**

SCHEDULE E

	Year to Date		Variance
	Actual (Unaudited)	Actual (Unaudited)	Increase /
	July-21	July-20	(Decrease)
<b>OPERATING REVENUES</b>			
Water Revenues	53,800,281	55,420,696	(1,620,414)
Wastewater Revenues	25,962,615	29,811,719	(3,849,104)
Legislative Surcharge	2,423,907	2,691,138	(267,231)
Other Revenues	413,509	549,293	(135,783)
System Development Charge	1,497,699	617,818	879,881
<b>Total Operating Revenues</b>	<b>84,098,011</b>	<b>89,090,664</b>	<b>(4,992,652)</b>
<b>OPERATING AND MAINTENANCE EXPENSES</b>			
Water Purchases	5,494,951	5,090,545	404,407
Power Purchases	10,141,142	12,127,625	(1,986,482)
Total Utility Costs	15,636,093	17,218,169	(1,582,076)
Salaries and Wages	15,608,026	17,117,293	(1,509,267)
Pension and Benefits	5,963,618	5,361,844	601,774
Total Salaries and Benefits	21,571,644	22,479,137	(907,493)
Capitalized Labor and Benefits	(3,053,842)	(3,000,421)	(53,421)
Net Salaries and Benefits	18,517,801	19,478,716	(960,914)
<b>Administrative and General Expenses</b>			
Sludge removal	1,269,827	1,243,836	25,991
Chemicals	1,255,030	1,737,234	(482,204)
Materials & Supplies	1,157,641	1,590,545	(432,904)
Transportation	370,026	449,389	(79,363)
Communications	123,688	129,510	(5,823)
Claims	67,706	123,352	(55,647)
Insurance	796,715	780,530	16,185
Training & Travel	27,680	117,519	(89,839)
Advertising	63,124	45,407	17,716
Miscellaneous	982,494	904,152	78,343
Regulatory Expense	264,529	271,574	(7,045)
Bad Debts Provision	1,643,256	1,758,431	(115,175)
Total Administrative and General Expense	8,021,715	9,151,478	(1,129,764)
<b>Depreciation Expense</b>	<b>21,343,083</b>	<b>20,397,313</b>	<b>945,770</b>
<b>Contractual Expense</b>			
Audit & Computer Maintenance	941,261	611,827	329,433
Building rental	414,049	364,952	49,097
Equipment rental	222,470	664,480	(442,011)
Legal	-	28,477	(28,477)
Laboratory	242,970	170,220	72,751
Other	1,259,846	1,767,994	(508,147)
Total Contractual Expense	3,080,595	3,607,950	(527,354)
Retiree Supp. Annuities and health care costs	2,101,264	2,124,003	(22,738)
Contribution to Government of Guam	503,333	503,334	(1)
Total Retiree Benefits	2,604,598	2,627,337	(22,739)
<b>Total Operating Expenses</b>	<b>69,203,885</b>	<b>72,480,963</b>	<b>(3,277,078)</b>
<b>Earnings (Loss) from Operations</b>	<b>14,894,126</b>	<b>16,609,701</b>	<b>(1,715,575)</b>
Interest Income - 2010/13/14/16/17/20 Series Bond	24,301	983,694	(959,393)
Interest Income - Other Funds	10,229	272,611	(262,382)
Interest Income - SDC	11,989	89,557	(77,568)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(25,003,786)	(21,644,282)	(3,359,504)
Interest Expense - ST BOG	-	(38,188)	38,188
Contributions from Federal Government	188,768	-	188,768
Federal Expenditures	(130,939)	(144,643)	13,704
Loss on Asset Disposal	28,991	(254,364)	283,355
AFUDC	5,085,371	-	5,085,371
Amortization of Discount, Premium and Issuance Costs	1,561,740	116,945	1,444,795
Defeasance due to bond refunding	(1,720,970)	(689,756)	(1,031,215)
Prior Year Adjustment	96,817	(168,221)	265,038
Total non-operating revenues (expenses)	(19,847,489)	(21,476,645)	1,629,157
<b>Net Income (Loss) before capital contributions</b>	<b>(4,953,363)</b>	<b>(4,866,944)</b>	<b>(86,418)</b>
<b>Capital Contributions</b>			
Grants from US Government	47,842,035	50,420,981	(2,578,947)
Grants from GovGuam & Others	7,106	130,329	(123,224)
Total Capital Contributions	47,849,140	50,551,311	(2,702,171)
<b>Change in Net Assets</b>	<b>42,895,778</b>	<b>45,684,367</b>	<b>(2,788,589)</b>
<b>Debt Service Calculation</b>			
Earnings From Operations	14,894,126	16,609,701	
System Development Charge	(1,497,699)	(617,818)	
Retiree COLA	503,333	503,334	
Interest/Investment Income	10,229	272,611	
Depreciation	21,343,083	20,397,313	
<b>Balance Available for Debt Service per Section 6.12</b>	<b>35,253,072</b>	<b>37,165,141</b>	
<b>Debt Service</b>			
Principal	7,725,000	7,308,333	
Interest	18,472,514	21,170,990	
<b>Total</b>	<b>26,197,514</b>	<b>28,479,323</b>	
<b>Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)</b>	<b>1.35</b>	<b>1.30</b>	
<b>Debt Service Coverage (1.40X) (PUC)</b>	<b>1.35</b>	<b>1.30</b>	

**Guam Waterworks Authority**  
**System Development Charges Project Status**  
**As of July 31, 2021**

**SCHEDULE F**

**Funding Summary**

Total available project funds	\$ 14,727,095
Total project expenditures and encumbrances	10,420,561
Total unobligated project funds	<b>\$ 4,306,534</b>

**Projects Funded**

<b>Project Description</b>	<b>Expenditures</b>	<b>Outstanding Encumbrances</b>	<b>Expenditures and Encumbrances</b>
Agat-Santa Rita Wastewater Treatment Plant Replacement	1,202,006	-	1,202,006
Baza Gardens Wastewater Cross Island Pumping & Conveyance	1,150,881	3,090	1,153,971
Central Guam Reservoirs	274,240	5,800	280,040
Line Replacement Phase IV	256,937	-	256,937
Northern DWWTP	610,395	4,842,224	5,452,619
Northern DWWTP (Land Purchase)	1,000,000	-	1,000,000
Route 4 Relief Sewerline Rehab & Replacement	519,227	74,641	593,869
South Paulino Heights Waterline Upgrade	84,056	4,714	88,770
Talofofo Sewer Improvement	-	241,142	241,142
Groundwater Well Production Meter Rep.	-	151,207	151,207
	<b>\$ 5,097,743</b>	<b>\$ 5,322,818</b>	<b>\$ 10,420,561</b>

**Future planned projects**

	<b>FY2021-2025</b>
Water Wells	1,000,000
Water Dist Sys Pipe Replacement & Upgrades	1,500,000
Capacity Enhancements - Well Dvlp and Construction Prg	394,000
Well Repair Program	200,000
	<b>\$ 3,094,000</b>

**GUAM WATERWORKS AUTHORITY**  
**Restricted and Unrestricted Cash Summary**  
**FY2021**

**SCHEDULE G**

Description	Unaudited July 31, 2021	Unaudited September 30, 2020	Increase (Decrease)
<b>UNRESTRICTED</b>			
Change Fund	2,000	2,000	-
Petty Cash	4,430	4,450	(20)
BOG Deposit Accounts	9,649,886	5,561,165	4,088,721
BOG O & M Reserve	25,262,162	25,689,390	(427,228)
BOG CapEx Fund	9,808,156	11,222,407	(1,414,251)
<b>Sub-total Unrestricted</b>	<b>44,726,634</b>	<b>42,479,412</b>	<b>2,247,222</b>
<b>RESTRICTED</b>			
ANZ Bank	1,265	-	1,265
Bank Pacific	14,983	29,243	(14,260)
Bank of Hawaii	243,058	191,250	51,808
Community First FCU	5,108	1,976	3,132
First Hawaiian Bank	25,535	43,451	(17,916)
Bank Pacific Surcharge	1,771,626	420,680	1,350,946
Bank Pacific Escrow Deposit	921,662	842,331	79,331
BOG Customer Refunds	2,154,433	2,063,361	91,072
BOG Emergency Reserve Fund	6,245	6,243	-
BOG Sewer Hookup Revolving Fund	60,823	67,809	(6,985)
BOG Operation and Maintenance Fund	2,100,849	3,083,482	(982,633)
BOG Revenue Trust	559,009	254,619	304,389
BOG Revenue Trust Fund	7,732,142	7,929,291	(197,149)
BOG Capital Improvement Revenue Fund	5,356,264	5,361,363	(5,099)
	<b>20,953,003</b>	<b>20,295,100</b>	<b>657,901</b>
BOG - SDC Deposit	5,446,446	3,527,401	1,919,045
BOG - SDC CDs	4,500,000	6,250,000	(1,750,000)
<b>Total SDC</b>	<b>9,946,446</b>	<b>9,777,401</b>	<b>169,045</b>
<b>Total Restricted</b>	<b>30,899,449</b>	<b>30,072,502</b>	<b>826,946</b>
<b>Reserve Funds</b>			
BOG Series 2013 Construction Fund	4,442,356	8,647,934	(4,205,578)
BOG Series 2014 Refunding Construction Fund	219,131	219,099	32
BOG Series 2016 Construction Fund	58,047,055	68,518,206	(10,471,151)
BOG Series 2017 Refunding Construction Fund	5,348,700	6,206,732	(858,032)
BOG Series 2020A Construction Fund	122,653,471	-	122,653,471
BOG Series 2020A Capitalized Interest Fund	5,584,484	123,277,054	(117,692,569)
BOG Series 2020A Cost of Issuance Fund	-	12,283,633	(12,283,633)
B20B- BOG COI Fund 184000	-	50,382	(50,382)
<b>Total Restricted - Held by Trustee</b>	<b>196,295,197</b>	<b>219,203,039</b>	<b>(22,907,841)</b>
BOG OMRRRF Fund	17,423,213	17,423,213	-
USB Series 2013 Debt Service Fund	688,767	1,810,544	(1,121,777)
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	-
USB Series 2014 Refunding Debt Service Fund	417,156	1,048,374	(631,218)
USB Series 2014 Refunding Debt Service Reserve Fund	7,736,420	7,735,395	1,025
USB Series 2016 Debt Service Fund	982,181	2,815,863	(1,833,682)
USB Series 2016 Debt Service Reserve Fund	7,591,999	7,591,999	-
USB Series 2010 Debt Service Fund	31,558	31,556	-
USB Series 2017 Refunding Debt Service Reserve Fund	7,566,460	7,566,460	-
USB Series 2017 Debt Service Fund	667,897	1,902,205	(1,234,308)
USB Series 2020A Debt Service Fund	-	-	-
USB Series 2020A Debt Service Reserve Fund	6,659,700	6,659,700	-
USB Series 2020B Debt Service Reserve Fund	490,970	-	490,970
<b>Total Investments</b>	<b>62,288,008</b>	<b>66,616,997</b>	<b>(4,328,990)</b>
<b>Total Restricted and Unrestricted Cash</b>	<b>334,209,289</b>	<b>358,371,949</b>	<b>(24,162,663)</b>

Guam Waterworks Authority  
Accounts Receivable - Government (Active)  
July 31, 2021

SCHEDULE H

A G I N G									
Customer Name	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
<b>Autonomous Agencies (Active)</b>									
Guam Int'l Airport Authority	7	\$ 27,805	\$ 19,712	\$ 6,451	\$ 6,451	\$ 236,826	\$		297,245
Guam Memorial Hospital Authority	3	42,881	38,968	44,450	150	13,705			140,155
Guam Power Authority	25	138,560	-	-	-	-			138,560
Guam Housing & Urban Renewal Authority	9	8,494	389	330	281	932			10,427
Port Authority of Guam	5	1,408	-	-	-	-			1,408
Guam Visitors Bureau	1	305	-	-	-	-			305
Guam Housing Corporation	1	40	-	-	-	-			40
<b>Total Autonomous Agencies</b>	<b>51</b>	<b>\$ 219,493</b>	<b>\$ 59,069</b>	<b>\$ 51,232</b>	<b>\$ 6,882</b>	<b>\$ 251,464</b>	<b>\$</b>	<b>588,140</b>	
		37.32%	10.04%	8.71%	1.17%	42.76%			100.00%
<b>Line Agencies</b>									
Department of Education	52	\$ 359,604	\$ 314,761	\$ 2,797	\$ -	\$ -	\$		677,162
Mayors Council of Guam	61	18,061	9,167	4,477	860	96,768			129,333
Department of Corrections	8	51,408	22,049	-	-	-			73,457
Department of Parks & Recreation	14	38,147	24,014	1,365	279	2,819			66,624
Department of Public Works	12	27,315	2,037	94	90	7,024			36,559
Guam Police Department	8	5,283	5,069	4,473	3,176	3,236			21,236
Department of Chamorro Affairs	7	9,541	1,293	-	-	-			10,834
University of Guam	48	9,656	-	-	-	-			9,656
Department of Public Health & Social Services	8	3,056	1,646	538	165	905			6,310
Guam Fire Department	11	4,286	614	-	-	-			4,901
Department of Military Affairs/Guarnrg	1	3,537	-	-	-	-			3,537
Office of Technology	1	105	117	2,296	850	-			3,368
Sanctuary, Inc.	1	2,674	-	-	-	-			2,674
Department of Youth Affairs	3	995	1,134	-	-	-			2,129
New Guam Mental Health	1	1,546	-	-	-	-			1,546
Guam Veterans Affairs office	2	634	496	-	-	-			1,130
Office of Civil Defense	2	441	614	-	-	-			1,055
Department of Agriculture	6	964	-	-	-	-			964
Office of The Governor	2	961	-	-	-	-			961
Division of Senior Citizens, DPHSS	2	255	336	184	-	-			775
Department of Mental Health	2	762	-	-	-	-			762
Guam Public Library	6	672	-	-	-	-			672
Guam Solid Waste Authority	2	569	-	-	-	-			569
Guam Police Department	2	217	216	48	-	-			481
Department of Customs & Quarantine	1	389	-	-	-	-			389
Guam Energy Office	1	256	-	-	-	-			256
Department of Administration	3	243	-	-	-	-			243
Guam Environmental Protection Agency	2	152	-	-	-	-			152
Agat Mayor's Office	1	81	53	-	-	-			134
The Office of The Dededo Mayor	1	121	-	-	-	-			121
Merizo Mayor	1	62	-	-	-	-			62
<b>Total Line Agencies</b>	<b>270</b>	<b>\$ 541,810</b>	<b>\$ 383,615</b>	<b>\$ 16,272</b>	<b>\$ 5,420</b>	<b>\$ 110,751</b>	<b>\$</b>	<b>1,058,051</b>	
		51.21%	36.26%	1.54%	0.51%	10.47%			100.00%
<b>Total as of July 31, 2021 (Active)</b>	<b>321</b>	<b>\$ 761,304</b>	<b>\$ 442,684</b>	<b>\$ 67,503</b>	<b>\$ 12,302</b>	<b>\$ 362,215</b>	<b>\$</b>	<b>1,646,192</b>	
		46.25%	26.89%	4.10%	0.75%	22.00%			100.00%

GUAM WATERWORKS AUTHORITY  
Accounts Receivable Aging Summary by Rate Class  
As of July 31, 2021

SCHEDULE I

## ACTIVE AND INACTIVE

Rate Class	A G I N G							
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
GOVERNMENT	433	\$ 2,914,956	\$ 423,493	\$ 66,626	\$ 10,992	\$ 450,389	\$ 3,866,457	19%
AGRICULTURE	402	36,368	7,640	5,461	3,729	31,140	84,339	0%
COMMERCIAL I	2,613	1,308,113	95,568	49,966	93,183	396,624	1,943,453	10%
COMMERCIAL II	33	126,543	1,149	182	-	-	127,874	1%
COMMERCIAL III	302	559,854	27,441	14,725	(77,598)	324,821	849,243	4%
GOLF COURSE	16	3,867	-	-	-	-	3,867	0%
HOTEL	58	1,373,863	140,662	72,663	78,311	595,766	2,261,266	11%
IRRIGATION	33	3,529	253	372	250	1,765	6,168	0%
RESIDENTIAL	47,848	4,643,858	858,681	484,279	381,883	4,624,865	10,993,563	55%
	<b>51,738</b>	<b>10,970,951</b>	<b>1,554,887</b>	<b>694,273</b>	<b>490,751</b>	<b>6,425,372</b>	<b>20,136,231</b>	<b>100%</b>
		54%	8%	3%	2%	32%		
Less Allowance for Doubtful Accounts: (8,229,726)								
Net Accounts Receivable: 11,906,505								
Days Receivables Outstanding 45								

As of June 30, 2021

Rate Class	A G I N G							
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
GOVERNMENT	431	\$ 2,274,660	\$ 430,075	\$ 49,255	\$ 18,315	\$ 441,561	\$ 3,213,866	17%
AGRICULTURE	402	39,428	11,377	5,097	3,458	30,604	89,964	0%
COMMERCIAL I	2,608	1,372,609	76,886	102,207	50,133	380,455	1,982,290	10%
COMMERCIAL II	33	120,546	615	-	-	-	121,161	1%
COMMERCIAL III	298	505,094	(78,666)	22,766	16,320	320,228	785,742	4%
GOLF COURSE	16	5,200	-	-	-	-	5,200	0%
HOTEL	58	1,276,819	139,306	155,576	143,965	681,608	2,397,274	12%
IRRIGATION	33	2,951	372	326	348	1,651	5,648	0%
RESIDENTIAL	47,705	4,063,497	767,696	517,648	417,794	4,988,051	10,754,685	56%
	<b>51,584</b>	<b>9,660,804</b>	<b>1,347,662</b>	<b>852,875</b>	<b>650,334</b>	<b>6,844,158</b>	<b>19,355,830</b>	<b>100%</b>
		50%	7%	4%	3%	35%		
Less Allowance for Doubtful Accounts: (7,983,400)								
Net Accounts Receivable: 11,372,430								
Days Receivables Outstanding 44								

## ACTIVE ONLY

Rate Class	A G I N G							
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
GOVERNMENT	433	\$ 2,914,956	\$ 423,493	\$ 66,626	\$ 10,992	\$ 450,389	\$ 3,866,457	24%
AGRICULTURE	384	35,210	6,832	4,616	2,931	6,617	56,206	0%
COMMERCIAL I	2,459	1,298,801	87,862	49,966	47,437	285,675	1,769,741	11%
COMMERCIAL II	32	126,543	58	182	-	-	126,783	1%
COMMERCIAL III	288	554,264	27,441	14,725	(81,299)	279,483	794,614	5%
GOLF COURSE	16	3,867	-	-	-	-	3,867	0%
HOTEL	56	1,373,863	140,662	72,663	78,311	471,456	2,136,955	13%
IRRIGATION	32	3,529	253	372	250	470	4,873	0%
RESIDENTIAL	39,950	4,286,426	728,325	385,731	298,334	1,905,398	7,604,214	46%
	<b>43,650</b>	<b>10,597,459</b>	<b>1,414,926</b>	<b>594,879</b>	<b>356,958</b>	<b>3,399,488</b>	<b>16,363,710</b>	<b>100%</b>
		65%	9%	4%	2%	21%		
Less Allowance for Doubtful Accounts: (8,229,726)								
Net Accounts Receivable: 8,133,984								

As of June 30, 2021

Rate Class	A G I N G							
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
GOVERNMENT	431	\$ 2,274,660	\$ 430,075	\$ 49,255	\$ 18,315	\$ 441,561	\$ 3,213,866	20%
AGRICULTURE	389	39,428	11,377	4,674	3,458	8,519	67,457	0%
COMMERCIAL I	2,458	1,360,481	76,809	56,384	49,763	263,898	1,807,336	11%
COMMERCIAL II	32	119,454	615	-	-	-	120,069	1%
COMMERCIAL III	285	505,068	(78,694)	19,040	16,294	268,509	730,217	5%
GOLF COURSE	16	5,200	-	-	-	-	5,200	0%
HOTEL	56	1,276,819	139,306	155,576	143,965	557,298	2,272,964	14%
IRRIGATION	32	2,951	372	326	348	356	4,353	0%
RESIDENTIAL	40,034	3,951,064	660,132	428,279	363,588	2,303,775	7,706,838	48%
	<b>43,733</b>	<b>9,535,126</b>	<b>1,239,992</b>	<b>713,534</b>	<b>595,732</b>	<b>3,843,916</b>	<b>15,928,300</b>	<b>100%</b>
		60%	8%	4%	4%	24%		
Less Allowance for Doubtful Accounts: (7,983,400)								
Net Accounts Receivable: 7,944,900								

**GUAM WATERWORKS AUTHORITY**  
**Accounts Payable Aging**

**SCHEDULE J**

As of	AGING							Days Payable Outstanding
	Current	31 - 60 Days	61 - 90 Days	91 - 120 Days	> 120 Days	Total		
July 31, 2021	\$ 2,034,738 50%	\$ 1,476,814 36%	\$ 154,873 4%	\$ 64,741 2%	\$ 365,181 9%	\$ 4,096,347 100%	39	
June 30, 2021	\$ 1,834,416 73%	\$ 287,079 11%	\$ 59,596 2%	\$ 56,773 2%	\$ 273,477 11%	\$ 2,511,340 100%	30	
May 31, 2021	\$ 1,678,365 64%	\$ 361,067 2%	\$ 250,039 24%	\$ 40,791 0%	\$ 261,513 9%	\$ 2,591,775 100%	30	

GUAM WATERWORKS AUTHORITY  
WATER DEMAND BY RATE CLASS  
FY2015 - FY2021

SCHEDULE K

		AUDITED							UNAUDITED		
		FY2015 TOTAL CONSUMPTION (kGal)	FY2016 TOTAL CONSUMPTION (kGal)	FY2017 TOTAL CONSUMPTION (kGal)	FY2018 TOTAL CONSUMPTION (kGal)	FY2019 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	FY2020 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	FY2021 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)
CLASS											
R	Residential	3,415,662	3,429,689	3,206,811	3,313,613	3,359,905	1%	3,712,723	11%	3,633,464	-2%
C	Commercial	1,020,089	1,022,890	964,639	910,905	906,192	-1%	822,029	-9%	770,709	-6%
F	Federal	1,168	1,180	2,508	1,813	1,602	-12%	1,338	-16%	1,894	42%
G	Government	515,974	475,366	448,430	450,165	405,980	-10%	408,502	1%	400,625	-2%
H	Hotel	999,116	1,008,087	1,004,525	989,723	1,079,919	9%	714,161	-34%	442,980	-38%
G	Golf	6,850	6,770	5,252	2,741	2,793	2%	5,835	109%	2,508	-57%
A	Agriculture	67,376	78,628	69,482	81,127	90,803	12%	84,492	-7%	74,950	-11%
I	Irrigation	10,385	11,351	10,143	8,504	7,896	-7%	8,654	10%	5,681	-34%
GRAND TOTAL		6,036,620	6,033,960	5,711,790	5,758,590	5,855,091	2%	5,757,733	-2%	5,332,810	-7%



### **Issues for Decision**

#### **GWA Resolution No. 25-FY2021 / GPA Resolution No. 2021-22**

Relative to Requiring GPWA Employees to be Fully Vaccinated Against SARS-CoV-2

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

The objective of this resolution is to address the recent surge in positive cases island-wide, align GPWA's protective health & safety measures with federal guidance, and comply with the Occupational Safety and Health Administration's (OSHA) General Duty Clause which protects workers from serious and recognized workplace hazards even where there is no standard. The policy is also necessary and urgent to ensure no disruptions to the Power, Water and Wastewater systems and to protect GPWA personnel and the public who are visiting GPWA facilities from contracting COVID-19.

#### **Where is the location?**

This action affects GPWA employees in all locations.

#### **How much will it cost?**

There is no financial impact from mandating employee COVID-19 vaccinations.

#### **When will it be completed?**

Compliance with the mandatory vaccination policy is required of all GPWA employees by October 1, 2021.

#### **What is the funding source?**

N/A

#### **The RFP/BID responses (if applicable):**

N/A





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

**GWA RESOLUTION NO. 25-FY2021  
GPA RESOLUTION NO. 2021-22**

**RELATIVE TO REQUIRING GPWA EMPLOYEES TO BE FULLY VACCINATED  
AGAINST SARS-CoV-2**

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

**WHEREAS**, pursuant to Public Law 28-159 and Title 12, Chapter 14 of the Guam Code Annotated, the Consolidated Commission on Utilities has the power and authority to establish policies for the Guam Power Authority and the Guam Waterworks Authority (“GPWA”) which includes terms and conditions of employment applicable to all Certified, Technical and Professional employees; and

**WHEREAS**, the Guam Power Authority and the Guam Waterworks Authority are Guam Public Corporations established and existing under the laws of Guam; and

**WHEREAS**, the island of Guam achieved the community goal of 80% adult vaccinations, which allowed for the reopening of the island's economy, removing social gathering limitations and capacity limitations at local establishments, while maintaining a mask mandate; and

**WHEREAS**, notwithstanding the achievement of this goal, tens of thousands of individuals remain unvaccinated, which renders them still vulnerable to infection, to suffering severe symptoms once infected, and to infecting others; and

//

//

1       **WHEREAS**, notwithstanding the high level of vaccinations within the community, there  
2 is a surge in positive cases on the island, with daily new cases averaging 24 during the last 14 days;  
3 and  
4

5       **WHEREAS**, unvaccinated individuals in Guam presently test positive for COVID- 19 at  
6 a rate that is thirteen (13) times higher than fully vaccinated individuals; and  
7

8       **WHEREAS**, the Centers for Disease Control and Prevention (CDC) cites growing  
9 evidence indicates that people fully vaccinated are less likely than unvaccinated persons to acquire  
10 SARS-CoV-2 or to transmit it to others; and  
11

12       **WHEREAS**, on May 28, 2021, the U.S. Equal Employment Opportunity Commission  
13 ("EEOC") issued technical guidance clarifying that federal EEO laws do not prevent employers  
14 from requiring all employees physically entering the workplace to be vaccinated for COVID-19,  
15 subject to reasonable accommodations as provided in Title VII of the Americans with Disabilities  
16 Act and other federal employment discrimination laws, which may require an employer to provide  
17 reasonable accommodations for employees who do not get vaccinated for COVID- 19 because of  
18 a disability or a sincerely held religious belief, practice or observance; and  
19

20       **WHEREAS**, on July 26, 2021, the U.S. Department of Justice issued a Memorandum  
21 Opinion concluding that Section 564 of the Federal Food, Drug and Cosmetic Act permits public  
22 and private employers alike to impose the COVID-19 vaccination as a condition of employment  
23 even when the vaccine is subject to Emergency Use Authorization; and  
24

25       **WHEREAS**, multiple attempts through the judicial process to prevent both an employer  
26 and university from mandating vaccinations have failed, reinforcing the guidance provided by the  
27 U.S. Department of Justice; and  
28

29 //

30 //

31 //

**WHEREAS**, on August 23, 2021 the U.S. Food and Drug Administration (FDA) granted full approval to Pfizer-BioNTech for their COVID-19 Vaccine for use in persons aged 16 and older, and in an official statement said about the Pfizer-BioNTech vaccine: “as the first FDA-approved COVID-19 vaccine, the public can be very confident that this vaccine meets the high standards for safety, effectiveness, and manufacturing quality the FDA requires of an approved product;” and

**WHEREAS**, GPWA is obligated to maintain compliance with the Occupational Safety and Health Administration’s (OSHA) General Duty Clause which protects workers from serious and recognized workplace hazards even where there is no standard; and,

**WHEREAS**, the sixteen percent (16%) of GPA personnel and the twenty-two percent (22%) of GWA personnel remain unvaccinated and pose a risk to system operations should a COVID-19 outbreak occur within any section; and

**WHEREAS**, a mandatory vaccination policy is necessary to ensure no disruptions to the Power, Water and Wastewater systems and to protect GPWA personnel and the public who are visiting GPWA facilities from contracting COVID-19.

**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. GPWA Management shall immediately develop a Mandatory Vaccination Policy for implementation that aligns with Government of Guam Executive Order 2021-17, federal technical guidance and U.S. Department of Justice memoranda.
3. GPWA Personnel must be in compliance with the Mandatory Vaccination Policy by October 1, 2021.

//

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

3  
4       **DULY AND REGULARLY ADOPTED**, this 24<sup>th</sup> day of August, 2021.

5       Certified by:

Attested by:

6  
7       \_\_\_\_\_  
8       **JOSEPH T. DUENAS**  
9       Chairperson

\_\_\_\_\_  
**MICHAEL T. LIMTIACO**  
Secretary

10  
11                               **SECRETARY'S CERTIFICATE**

12  
13       I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as  
14 evidenced by my signature above do hereby certify as follows:

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

19  
20       AYES: \_\_\_\_\_

21       NAYS: \_\_\_\_\_

22       ABSENT: \_\_\_\_\_

23       ABSTAIN: \_\_\_\_\_

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## 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. 26-FY2021**

Relative to the Adoption of Guam Waterworks Authority Interim Fiscal Year 2022 Operating Budget

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

The purpose of this resolution is to provide an interim budget for Fiscal Year 2022 in anticipation of delay by the Public Utilities Commission in acting on the CCU-approved FY2022 Comprehensive Review and Update to GWA's Five-Year Financial Plan ("Financial Plan Update"). The interim FY2022 Operating Budget will rollover the Fiscal Year 2021 Operating Budget to FY2022 and is intended to remain in place until the Public Utility Commission ("PUC") acts on the FY2022 Financial Plan Update which was approved by the Consolidated Commission on Utilities on April 27, 2021, in Resolution 18-FY2021 and submitted to the PUC on May 1, 2021.

#### **How much will it cost?**

The Interim Fiscal Year 2022 Budget totals \$89 million. Operating costs are earmarked at approximately \$25 million in salaries and benefits; \$13 million in power purchases; \$9 million in water purchases; \$11 million in administrative and general expenses; \$6 million in contractual expenses; \$22 million in depreciation and \$3 million in retiree supplemental annuities and health care.

#### **When will it be completed?**

GWA anticipates that the PUC will act on the Financial Plan Update in the first quarter of Fiscal Year 2022. A teleconference was conducted with the PUC Administrative Law Judge on August 12<sup>th</sup> at which the ALJ indicated an amended Scheduling Order for review and action on the Financial Plan Update would be issued this week.

#### **What is the funding source?**

The Interim FY22 budget recommended for approval projects operating revenue of \$113 million derived from \$70 million in water revenues; \$39 million in wastewater revenue; \$3 million in Legislative surcharges; \$430 thousand in other revenue; and \$920 thousand in system development charges.



**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. 26-FY2021**

**RELATIVE TO THE ADOPTION OF GUAM WATERWORKS AUTHORITY  
INTERIM FISCAL YEAR 2022 OPERATING BUDGET**

**WHEREAS**, Section 8104 (c), Chapter 8 and Section 14104 (c) Chapter 14 of Title 12 of the Guam Code Annotated authorizes the Guam Waterworks Authority to establish its internal organization and management and adopt regulations for the administration of its operations; and

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

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

**WHEREAS**, the Guam Public Utilities Commission (“PUC”) FY20 Rate Decision and Order issued on February 27, 2020, delineated proforma rates for FY2022, FY2023 and FY2024 and required an FY2022 Comprehensive Review and Update of GWA’s Five-Year Financial Plan (“Financial Plan Update”); and

**WHEREAS**, the PUC FY20 Rate Decision and Order required GWA to undertake various analytical studies, namely (1) Demand Forecasting, (2) Water Loss Reduction, (3) Cost of Service / Rate Design, (4) Affordability, (5) Capital Financing Alternatives, (6) Capitalized Labor, and (7) Cesspool and Septic Tank Elimination, and to submit the studies by March 31, 2021, and incorporate the same into the Financial Plan Update; and

//

1       **WHEREAS**, the CCU approved the Financial Plan Update on April 27, 2021, in  
2 Resolution 18-FY2021, and management submitted the approved Financial Plan Update to the  
3 PUC on May 1, 2021; and

4  
5       **WHEREAS**, the PUC will determine final rates for FY2022, FY2023, and FY2024  
6 based on the results of the studies and the Financial Plan Update; and

7  
8       **WHEREAS**, the Financial Plan Update addresses for FY2022-FY2024: (1) estimated  
9 annual budgets for operations, maintenance, and repair of GWA's water and wastewater system,  
10 including capital improvement projects; and (2) a descriptive plan for raising sufficient revenue  
11 to meet the projected costs set forth in the budgets; and

12  
13       **WHEREAS**, the PUC Administrative Law Judge (ALJ) issued an amended scheduling  
14 order for GWA Docket 19-08 on May 4, 2021, which calendared the ALJ Report and Proposed  
15 Order no later than September 22, 2021; and

16  
17       **WHEREAS**, on August 12, 2021, the ALJ conducted a teleconference to discuss changes  
18 to the scheduling order requested by PUC consultants which will impact when the PUC acts on  
19 the rate increases and resulting revenue projections on which the CCU approved FY2022 budget  
20 is based; and

21  
22       **WHEREAS**, given the uncertainty created by this delay, it would be prudent to continue  
23 the cost containment measures until the PUC orders the final rates for FY2022; and

24  
25       **WHEREAS**, the adjusted FY2021 budget as adopted in CCU Resolution 38-FY2020  
26 represents management's best estimates of resources required during the interim period between  
27 the end of FY2021 and the anticipated date of action on requested FY2022 rate adjustments,  
28 considering the uncertainty of actions of the PUC; and

29  
30       **WHEREAS**, the Interim FY2022 budget recommended for approval projects operating  
31 revenue of \$113 million derived from \$70 million in water revenues; \$39 million in wastewater  
32

1 revenue; \$3 million in Legislative surcharges; \$430 thousand in other revenue; and \$920  
2 thousand in system development charges; and

3  
4 **WHEREAS**, operating costs are earmarked at approximately \$25 million in salaries and  
5 benefits; \$13 million in power purchases; \$9 million in water purchases; \$11 million in  
6 administrative and general expenses; \$6 million in contractual expenses; \$22 million in  
7 depreciation and \$3 million in retiree supplemental annuities and health care for a combined total  
8 of \$89 million; and

9  
10 **WHEREAS**, the Interim FY2022 budget allows GWA a staff level of 400 full time  
11 employees (FTE), excluding any temporary interns, to meet O&M activities; and

12  
13 **WHEREAS**, it is the General Manager's desire to be granted continued budget  
14 transfer authority each fiscal year to modify budget amounts up to 10%, among and between  
15 budget expense categories, to address changing conditions during any fiscal period to meet  
16 critical demands; and

17  
18 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities  
19 does hereby approve and authorize the items listed herein:

20  
21 **Section 1.** The foregoing recitals hereby constitute the findings of the CCU.

22 **Section 2.** GWA adopt and implement the Interim Fiscal Year 2022 Proposed Budget  
23 of \$113 million and \$89 million of operating revenues and expenses, respectively, until such  
24 time the PUC acts on the Financial Plan Update.

25 **Section 4.** Upon the action of the PUC, GWA will adjust revenue projections and  
26 expenses for FY2022 as authorized by the PUC.

27 **Section 3.** For FY2022, the General Manager is initially authorized a staff level not to  
28 exceed the existing authorization of 400 full- time employees until such time as the PUC acts  
29 on the Financial Plan Update.

30 **Section 5.** The General Manager is authorized to transfer funds up to 10% between and  
31 among O&M Budget expenses, as necessary to meet the mission of GWA during each fiscal  
32 period. Any transfer(s) greater than 10% requires CCU approval.



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

**DULY AND REGULARLY ADOPTED**, this 24th day of August 2021.

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: \_\_\_\_\_

ABSENT: \_\_\_\_\_

ABTAIN: \_\_\_\_\_

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### **Issues for Decision**

#### **Resolution No. 27-FY2021**

Relative to Amending the Guam Waterworks Authority Overtime Policy

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

The objective of this resolution is to amend CCU Resolution No. 14-FY2021 for the following reasons:

- 1) to correct a typographical error in CCU Resolution No. 14-FY2021 resolve clause #2.
- 2) to authorize the General Manager to update Appendix A of CCU Resolution No. 14-FY2021 when new positions are created for both Non-Exempt and Exempt positions.
- 3) Authorize the General Manager to approve compensation for Exempt employees at the rate of 1 time the regular rate of pay for each hour, or portion of the hour worked in excess of 40-hours per week for whom GWA is reimbursed for the cost of said hours by a third party.
- 4) Authorize the General Manager to approve compensation for Exempt employees at the rate of 1 time the regular rate of pay for each hour, or portion of the hour worked in excess of 40-hours per week when employee assumes the role of a Non-Exempt employee during scheduled days off or during a 2nd or 3rd shift.

#### **Where is the location?**

This action affects GWA employees in all locations. The authorization and application of overtime policies for all GWA employees holding CTP positions based on the Fair Labor Standards Act definitions of Non-Exempt and Exempt employees. GWA positions are identified and Non-Exempt or Exempt in Appendix A.

#### **How much will it cost?**

This action will have no financial impact.

#### **When will it be completed?**

Effective upon approval of this CCU Resolution and the issuance of a guidance memo by the GWA General Manager.

#### **What is the funding source?**

Operations and Maintenance

#### **The RFP/BID responses (if applicable):**

N/A



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

**GWA RESOLUTION NO. 27-FY2021**

**RELATIVE TO AMENDING THE GWA OVERTIME POLICY**

**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**, pursuant to Public Law 28-159 and Title 12, Chapter 14 of the Guam Code Annotated, the Consolidated Commission on Utilities has the power and authority to establish policy for the Guam Waterworks Authority (“GWA”) which includes terms and conditions of employment applicable to all to all Certified, Technical and Professional employees; and

**WHEREAS**, the Guam Waterworks Authority is a Guam Public Corporation established and existing under the laws of Guam; and

**WHEREAS**, the Fair Labor Standards Act (FLSA), as amended in December 2019, and effective 16 January 2020; enforces the payment of overtime to employees meeting established criteria of positions deemed Exempt and Non-Exempt; and

**WHEREAS**, the CCU agrees with GWA Management that all employees holding CTP positions listed on appendix A as Non-Exempt be authorized overtime payment subject to proper budget authority and other GWA policies in place; and

**WHEREAS**, CCU Resolution No. 14-FY2021 (Exhibit “A”) authorized that only GWA Non-Exempt employees be allowed to earn overtime under any circumstances subject to proper budget authority and other GWA policies in place; and

1       **WHEREAS**, the first resolve clause in CCU Resolution No. 14-FY2021 erroneously cited  
2 Resolution 90-FY2010 instead of Resolution 09-FY2010; and

3  
4       **WHEREAS**, the fourth resolve clause in CCU Resolution No. 14-FY2021 only allows the  
5 GWA General Manager to append Appendix A, Position Inventory for newly created Non-Exempt  
6 positions but not newly created Exempt positions; and

7  
8       **WHEREAS**, prior to Resolution No. 14-FY2021, private contractors agreed to reimburse  
9 GWA for overtime incurred by GWA employees, primarily Engineers, who perform after hours  
10 inspections of their construction projects; and

11  
12       **WHEREAS**, private contractors are being negatively impacted by CCU Resolution No.  
13 14-FY2021 because GWA employees now perform inspections during the work day which reduces  
14 private contractors' productivity; and

15  
16       **WHEREAS**, GWA is part of the Government of Guam Comprehensive Emergency  
17 Response Plan which includes GWA employee's participation as an Emergency Coordination  
18 Officer (ECO); and

19  
20       **WHEREAS**, during emergency situations such as a typhoon, ECO's work extended shifts  
21 before, during and after the emergency, often incurring significant amounts of overtime for which  
22 GWA is reimbursed by the Federal Emergency Management Agency (FEMA); and

23  
24       **WHEREAS**, the positions appointed by GWA to be ECO's are generally Exempt making  
25 them ineligible to receive overtime pay and denying GWA the opportunity to be reimbursed for  
26 the hours worked by ECO's; and

27  
28       **WHEREAS**, the age of GWA infrastructure results in occasional line breaks causing  
29 service outages and environment hazards. During 2<sup>nd</sup> and 3<sup>rd</sup> shift outages and emergencies,  
30 supervisors are often challenged by insufficient human resources necessary to ensure expeditious  
31 completion of service repairs; thus, they proceed to assume the duties of Non-Exempt employees  
32 for the benefit of the mission to deliver the highest level of service to ratepayers.

**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. This resolution shall amend Resolution 14-FY2021 (Exhibit "A") resolve clause #2 to read "This Resolution shall supersede the previous policy contained in Resolution 09-FY2010."
3. This resolution shall amend Resolution 14-FY2021 resolve clause #4 to read "The CCU hereby authorizes GWA General Manager to further designate newly created positions as necessary, pursuant to applicable FLSA criteria for subsequent inclusion in the GWA Position Inventory shown in Appendix A."
4. This resolution shall amend Resolution 14-FY2021, by adding a new resolve clause #5 to read "The GWA General Manager is authorized to approve compensation for Exempt employees at the rate of 1 time the regular rate of pay for each hour, or portion of the hour worked in excess of 40-hours per week for whom GWA is reimbursed for the cost of said hours by a third party."
5. This resolution shall amend Resolution 14-FY2021, by adding a new resolve clause #6 to read "The GWA General Manager is authorized to approve compensation for Exempt employees at the rate of 1 time the regular rate of pay for each hour, or portion of the hour worked in excess of 40-hours per week when employee assumes the role of a Non-Exempt employee during scheduled days off or during a 2<sup>nd</sup> or 3<sup>rd</sup> shift."

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

**DULY AND REGULARLY ADOPTED**, this 24<sup>th</sup> day of August, 2021.

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: \_\_\_\_\_

ABSENT: \_\_\_\_\_

ABSTAIN: \_\_\_\_\_

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EXHIBIT A



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

**GWA RESOLUTION NO. 14-FY2021 (AMENDED)**

**RELATIVE TO UPDATING THE GWA OVERTIME POLICY  
FOR EXEMPT EMPLOYEES**

**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**, pursuant to Public Law 28-159 and Title 12, Chapter 14 of the Guam Code Annotated, the Consolidated Commission on Utilities has the power and authority to establish policy for the Guam Waterworks Authority (“GWA”) which includes creating policies applicable to all Certified, Technical and Professional employees; and

**WHEREAS**, the Guam Waterworks Authority is a Guam Public Corporation established and existing under the laws of Guam; and

**WHEREAS**, the Fair Labor Standards Act (FLSA), as amended in December 2019, and effective 16 January 2020; enforces the payment of overtime to employees meeting established criteria of positions deemed Exempt and Non-Exempt; and

**WHEREAS**, the CCU agrees with GWA Management that all employees holding CTP positions listed on appendix A as Non-Exempt be authorized overtime payment subject to proper budget authority and other GWA policies in place; and

**WHEREAS**, CCU Resolution No. 09-FY2010 authorized that all GWA Exempt employees be allowed to earn overtime under any circumstances subject to proper budget authority and other GWA policies in place; and

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

- 3           1. The recitals set forth above hereby constitute the findings of the CCU.
- 4           2. This Resolution shall supersede the previous policy contained in Resolution  
5           ~~0990~~-FY2010.
- 6           3. The CCU finds that GWA Management desires to enhance compliance with the  
7           FLSA, as amended in December 2019 and effective 16 January 2020, by  
8           allowing overtime payment to its employees holding CTP positions deemed as  
9           Non-Exempt in Appendix A.
- 10          4. The CCU hereby authorizes GWA General Manager to further designate newly  
11          created positions as necessary, pursuant to applicable FLSA criteria, ~~as meeting~~  
12          ~~non-exempt status~~ for subsequent inclusion in the GWA Position Inventory  
13          shown in Appendix A.
- 14          5. ~~The GWA General Manager is authorized to approve compensation for Exempt~~  
15          ~~employees at the rate of 1 time the regular rate of pay for each hour, or portion~~  
16          ~~of the hour worked in excess of 40-hours per week for whom GWA is~~  
17          ~~reimbursed for the cost of said hours by a third party.~~
- 18          4.6. ~~The GWA General Manager is authorized to approve compensation for Exempt~~  
19          ~~employees at the rate of 1 time the regular rate of pay for each hour, or portion~~  
20          ~~of the hour worked in excess of 40-hours per week when employee assumes the~~  
21          ~~role of a Non-Exempt employee during scheduled days off or during a 2<sup>nd</sup> or 3<sup>rd</sup>~~  
22          ~~shift.~~

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

25  
26       **DULY AND REGULARLY ADOPTED**, this ~~24<sup>th</sup>~~ ~~23<sup>rd</sup>~~ day of ~~August~~ ~~March~~, 2021.

27  
28       Certified by:

29       Attested by:

30  
31       \_\_\_\_\_  
32       JOSEPH T. DUENAS  
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: \_\_\_\_\_

ABSENT: \_\_\_\_\_

ABSTAIN: \_\_\_\_\_

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## GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Non-Exempt	0.230	Legal Secretary III	1
Non-Exempt	0.431	Utility Payroll Clerk II	1
Non-Exempt	0.432	Utility Payroll Clerk III	1
Non-Exempt	0.434	Utility Cashier I	1
Non-Exempt	0.435	Utility Cashier II	1
Non-Exempt	0.512	Computer Operator I	1
Non-Exempt	0.515	Computer Operator II	1
Non-Exempt	0.518	Computer Operator III	1
Non-Exempt	1.112	Utility Administrative Aide	1
Non-Exempt	1.117	Customer Service Representative	1
Non-Exempt	1.133	Utility Administrative Assistant	1
Non-Exempt	1.220	Land Agent I	1
Non-Exempt	1.221	Land Agent II	1
Non-Exempt	1.222	Land Agent III	1
Non-Exempt	1.433	Utility Storekeeper I	1
Non-Exempt	1.434	Utility Storekeeper II	1
Non-Exempt	1.445	Buyer I	1
Non-Exempt	1.446	Buyer II	1
Non-Exempt	2.387	Utility Accounting Technician I	1
Non-Exempt	2.388	Utility Accounting Technician II	1
Non-Exempt	2.389	Utility Accounting Technician III	1
Non-Exempt	2.509	Utility Personnel Assistant I	1
Non-Exempt	2.510	Utility Personnel Assistant II	1
Non-Exempt	2.640	Programmer Analyst I	1
Non-Exempt	2.641	Programmer Analyst II	1
Non-Exempt	2.685	GIS Analyst I	1
Non-Exempt	2.686	GIS Analyst II	1
Non-Exempt	2.687	GIS Analyst III	1
Non-Exempt	2.805	Legal Secretary I	1
Non-Exempt	2.806	Legal Secretary II	1
Non-Exempt	4.120	Safety Inspector I	1
Non-Exempt	4.121	Safety Inspector II	1
Non-Exempt	4.122	Safety Inspector III	1
Non-Exempt	4.242	Utility Compliance Inspector I	1
Non-Exempt	4.243	Utility Compliance Inspector II	1
Non-Exempt	4.244	Utility Compliance Inspector Leader	1
Non-Exempt	6.205	Construction Inspector I	1
Non-Exempt	6.206	Construction Inspector II	1
Non-Exempt	6.209	Construction Inspector III	1
Non-Exempt	9.305	Building Custodian	1
Non-Exempt	9.499	Trouble Dispatcher	1
Non-Exempt	9.521	Equipment Operator I	1
Non-Exempt	9.522	Equipment Operator II	1
Non-Exempt	9.523	Equipment Operator III	1
Non-Exempt	9.524	Equipment Operator IV	1
Non-Exempt	9.525	Equipment Operator Leader I	1
Non-Exempt	9.526	Equipment Operator Leader II	1
Non-Exempt	9.610	Shop Planner	1
Non-Exempt	9.740	Water Meter Maintenance & Repair Worker I	1
Non-Exempt	9.741	Water Meter Maintenance & Repair Worker II	1

## GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Non-Exempt	9.770	Water Meter Reader I	1
Non-Exempt	9.771	Water Meter Reader II	1
Non-Exempt	9.772	Water Meter Reader Leader	1
Non-Exempt	10.161	Automotive Mechanic I	1
Non-Exempt	10.162	Automotive Mechanic II	1
Non-Exempt	10.171	Heavy Equipment Mechanic I	1
Non-Exempt	10.172	Heavy Equipment Mechanic II	1
Non-Exempt	10.175	Heavy Equipment Mechanic Leader	1
Non-Exempt	10.208	Utility Trades Helper	1
Non-Exempt	10.251	Water / Sewer Maintenance Worker I	1
Non-Exempt	10.252	Water / Sewer Maintenance Worker II	1
Non-Exempt	10.255	Water / Sewer Maintenance Leader	1
Non-Exempt	10.261	Carpenter I	1
Non-Exempt	10.262	Carpenter II	1
Non-Exempt	10.265	Carpenter Leader	1
Non-Exempt	10.281	Electrician I	1
Non-Exempt	10.282	Electrician II	1
Non-Exempt	10.285	Electrician Leader	1
Non-Exempt	10.411	Pumping Station Operator I	1
Non-Exempt	10.412	Pumping Station Operator II	1
Non-Exempt	10.415	Pumping Station Leader	1
Non-Exempt	10.421	Sewer Plant Operator I	1
Non-Exempt	10.422	Sewer Plant Operator II	1
Non-Exempt	10.425	Sewer Plant Leader	1
Non-Exempt	10.431	Wastewater Maintenance Mechanic I	1
Non-Exempt	10.432	Wastewater Maintenance Mechanic II	1
Non-Exempt	10.435	Wastewater Maintenance Mechanic Leader	1
Non-Exempt	10.451	Water Plant Operator I	1
Non-Exempt	10.452	Water Plant Operator II	1
Non-Exempt	10.455	Water Plant Leader	1
Non-Exempt	10.461	Plant Electrical Instrument Technician I	1
Non-Exempt	10.462	Plant Electrical Instrument Technician II	1
Non-Exempt	10.463	Plant Electrical Instrument Technician Leader	1
Non-Exempt	10.500	Water & Wastewater Systems Control Dispatcher I	1
Non-Exempt	10.501	Water & Wastewater Systems Control Dispatcher II	1
Non-Exempt	10.880	Leak Detection Technician I	1
Non-Exempt	7.420	Utility Laboratory Technician I	1
Non-Exempt	10.881	Leak Detection Technician II	1
Non-Exempt	7.421	Utility Laboratory Technician II	1
Non-Exempt	10.882	Leak Detection Technician Leader	1
Non-Exempt	7.423	Utility Laboratory Technician Leader	1
Non-Exempt	10.947	Water Distribution System Manager	1
			1
<b>Non-Exempt Total</b>			<b>93</b>
Exempt	0.423	Payroll Supervisor	1
Exempt	0.521	Computer Operations Supervisor	1
Exempt	1.118	Customer Service Representative Supervisor	1
Exempt	1.435	Warehouse Supervisor I	1
Exempt	1.436	Warehouse Supervisor II	1
Exempt	1.438	Inventory Management Officer	1

## GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Exempt	1.448	Buyer Supervisor I	1
Exempt	1.449	Buyer Supervisor II	1
Exempt	1.451	Supply Management Administrator	1
Exempt	2.005	Budget Analyst	1
Exempt	2.01	Administrative Officer	1
Exempt	2.02	Management Analyst I	1
Exempt	2.021	Management Analyst II	1
Exempt	2.022	Management Analyst III	1
Exempt	2.023	Management Analyst IV	1
Exempt	2.059	Utility Services Administrator	1
Exempt	2.07	Chief Budget Officer	1
Exempt	2.12	Program Coordinator I	1
Exempt	2.121	Program Coordinator II	1
Exempt	2.122	Program Coordinator III	1
Exempt	2.123	Program Coordinator IV	1
Exempt	2.149	Contracts & Small Claims Administrator	1
Exempt	2.195	Grants Administrator	1
Exempt	2.33	Accountant I	1
Exempt	2.331	Accountant II	1
Exempt	2.332	Accountant III	1
Exempt	2.366	Internal Auditor	1
Exempt	2.379	Controller (Unclassified)	1
Exempt	2.39	Utility General Accounting Supervisor	1
Exempt	2.522	Communications Manager	1
Exempt	2.535	Personnel Specialist I	1
Exempt	2.536	Personnel Specialist II	1
Exempt	2.537	Personnel Specialist III	1
Exempt	2.538	Personnel Specialist IV	1
Exempt	2.559	Personnel Services Administrator	1
Exempt	2.585	Employee Development Specialist I	1
Exempt	2.586	Employee Development Specialist II	1
Exempt	2.587	Employee Development Specialist III	1
Exempt	2.631	Network Systems Administrator	1
Exempt	2.661	Asset Man. and Maint. Information System Officer	1
Exempt	2.67	Information Technology Manager	1
Exempt	2.675	Systems & Programming Administrator	1
Exempt	2.678	Network Analyst	1
Exempt	4.125	Safety Supervisor	1
Exempt	4.14	Senior Regulatory Analyst	1
Exempt	6.226	Right of Way Supervisor	1
Exempt	6.237	GIS/LIS Manager	1
Exempt	6.261	Engineer II (Associate)	1
Exempt	6.262	Engineer III (Senior)	1
Exempt	6.264	Engineer Supervisor	1
Exempt	6.28	Chief Engineer, PE (GWA)	1
Exempt	6.281	Assistant Chief Engineer	1
Exempt	6.283	Senior Engineer, PE	1
Exempt	6.285	Engineer I (Junior)	1
Exempt	6.315	Planner I	1
Exempt	6.316	Planner II	1

## GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Exempt	6.317	Planner III	1
Exempt	6.318	Planner IV	1
Exempt	7.13	Biologist I	1
Exempt	7.131	Biologist II	1
Exempt	7.132	Biologist III	1
Exempt	7.23	Chemist I	1
Exempt	7.231	Chemist II	1
Exempt	7.232	Chemist III	1
Exempt	7.248	Monitoring Laboratory Services Administrator	1
Exempt	9.527	Equipment Operator Supervisor	1
Exempt	9.742	Water Meter Maintenance & Repair Supervisor	1
Exempt	9.773	Water Meter Reader Supervisor	1
Exempt	10.177	Heavy Equipment Mechanic Supervisor	1
Exempt	10.257	Water / Sewer Maintenance Supervisor	1
Exempt	10.417	Pumping Station Supervisor	1
Exempt	10.427	Sewer Plant Supervisor	1
Exempt	10.437	Wastewater Maintenance Mechanic Supervisor	1
Exempt	10.438	Centralized Wastewater Maintenance Superintendent	1
Exempt	10.457	Water Plant Supervisor	1
Exempt	10.498	Trouble Dispatcher Supervisor	1
Exempt	10.499	Chief Water and Wastewater Systems Dispatcher	1
Exempt	10.883	Leak Detection Technician Supervisor	1
Exempt	10.883	Utility Laboratory Technician Supervisor	1
Exempt	10.934	Operations & Maintenance Manager	1
Exempt	10.938	Wastewater Collection Superintendent	1
Exempt	10.942	Wastewater Plant Superintendent	1
Exempt	10.944	Wastewater Construction / Maintenance Superintendent	1
Exempt	10.944	Water Construction / Maintenance Superintendent	1
Exempt	10.945	Water Treatment Plant Superintendent	1
Exempt	11.009	Equipment Maintenance Superintendent	1
Exempt	11.011	Plant Electrical Instrument Superintendent	1
Exempt	11.012	Source Control Manager	1
Exempt	11.026	Cross Connection Control Manager	1
Exempt	41.063	General Manager (GWA) (Unclassified)	1
Exempt	41.095	Assistant General Manager Administration & Support (Unclassified)	1
Exempt	41.096	Assistant General Manager Operations (Unclassified)	1
Exempt	(blank)	Assistant Chief Financial Officer (Unclassified)	1
Exempt	(blank)	Assistant General Manager Collection & Distribution (Unclassified)	1
Exempt	(blank)	Assistant General Manager Compliance & Safety (Unclassified)	1
Exempt	(blank)	Assistant General Manager Production & Treatment (Unclassified)	1
Exempt	(blank)	Chief Financial Officer (GWA)	1
Exempt	(blank)	Information Security Administrator	1
Exempt	(blank)	Senior Engineer Supervisor, PE	1
Exempt	(blank)	Staff Attorney	1
Exempt	(blank)	Training & Development Manager	1
Exempt Total			101
Grand Total			194