



CONSOLIDATED COMMISSION ON UTILITIES

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

REGULAR BOARD MEETING

CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., Tuesday, August 29, 2023

AGENDA

1. CALL TO ORDER
2. [APPROVAL OF MINUTES](#)
3. PUBLIC COMMENTS (*Limit to 2 minutes*)
4. GPA
 - 4.1 [GM Report](#)
 - 4.2 [Financial](#)
 - 4.3 [Joint Resolution No. 40-FY2023 \(GWA\) / Resolution No. FY2023-25 \(GPA\) Amendment of the Credit Card Policy for the Guam Waterworks Authority and the Guam Power Authority](#)
 - 4.4 [GPA Resolution No. FY2023-26 Authorizing Expenditure for the Out of Service Inspection and Refurbishment of GPA Bulk Storage Fuel Tanks](#)
 - 4.5 [GPA Resolution No. FY2023-27 Recognition of GPA Employees for Outstanding Work during Post Typhoon Mawar Power Restoration](#)
 - 4.6 [GPA Resolution No. FY2023-28 Recognition of APPA Mutual Aid Utility Partner, Snohomish PUD for assisting GPA during Post Typhoon Mawar Power Restoration](#)
 - 4.7 [GPA Resolution No. FY2023-29 Recognition of Mutual Aid Utility Partner, CNMI Commonwealth Utilities Corporation \(CUC\) for assisting GPA during Post Typhoon Mawar Power Restoration](#)
 - 4.8 [GPA Resolution No. FY2023-30 Recognition of Mutual Aid Utility Partner, Pohnpei Utilities Corporation \(PUC\) for assisting GPA during Post Typhoon Mawar Power Restoration](#)
 - 4.9 [GPA Resolution No. FY2023-31 Recognition of Hyatt Regency Guam for providing assistance to GPA and its utility partners during Post Typhoon Mawar Power Restoration](#)
5. GWA
 - 5.1 [GM Report](#)
 - 5.2 [Financial](#)
 - 5.3 [Resolution No. 18-FY2023 - Relative to Approval of the Indefinite Delivery/Indefinite Quantity Undersized Waterline Replacement Design and CM Contract](#)
 - 5.4 [Resolution No. 36-FY2023 - Relative to Approval of an Increase in Funding Scope of Work for the Pressure Zone Realignment Construction Phase 1 Project](#)
 - 5.5 [Resolution No. 38-FY2023 - Relative to Approval of Additional Funding of Construction Contract for the Tank Repair and Bypass Project](#)

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- 5.6 [Resolution No. 39-FY2023 – Relative to Approving the Charge-Off of Guam Waterworks Authority Receivables Deemed Uncollectible](#)
- 5.7 [Resolution No. 40-FY2023 \(GWA\)/Resolution No. FY2023-25 \(GPA\) – Relative to the Amendment of the Credit Card Policy for the Guam Waterworks Authority and the Guam Power Authority](#)
- 5.8 [Resolution No. 41-FY2023 - Relative to Approval of the Construction Contract for the Ugum Water Treatment Plant Rehabilitation](#)
- 5.9 [Resolution No. 42-FY2023 - Relative to Approval of Amendment of Bond Proceeds Reallocation](#)
- 5.10 [Resolution No. 43-FY2023 – Relative to Approval of GWA’s FY2024 Interim Budget](#)

6. OTHER DISCUSSION

7. EXECUTIVE SESSION

- 7.1 [GWA Litigation Matter](#)

8. ANNOUNCEMENTS

- 8.1 Next CCU Meetings:
 - Tuesday, September 19, 2023 at 8:30 a.m. - GWA Work Session
 - Thursday, September 21, 2023 at 8:30 a.m. - GPA Work Session
 - Tuesday, September 26, 2023 at 5:30 p.m. - CCU Regular Board Meeting

9. ADJOURNMENT



CONSOLIDATED COMMISSION ON UTILITIES

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CCU Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:00 p.m., Tuesday, March 30, 2023
MINUTES

1. CALL TO ORDER

The Chairman called the regular board meeting to order at 5:34 p.m. He indicated that Commissioner Michael Limtiaco is attending online, however, recommended that meeting be recessed until 3/30/2023 @ 5:00pm Thursday evening. Motion made by Commissioner Pedro Roy Martinez to recess, second by Commissioner Limtiaco, none opposed. Meeting recessed to, Thursday, March 30, 2023.

Chairman reconvened regular board meeting from 03/28/2023 on 03/30/2023:

Commissioners Present:

Joseph T. Duenas, Chairman
Francis Santos, Vice Chairman
Peter Roy Martinez, Chairman
Simon A. Sanchez, Commissioner

ONLINE:

Michael Limtiaco, Commissioner

Executive Management:

GPA:
John Benavente, GM
Tricee Limtiaco, AGMA
John Cruz, AGMETS (Online)
John Kim, CFO

GWA:
Miguel Bordallo, GM
Theresa Rojas, Legal Counsel
Christopher Budasi, AGMAS
Tom Cruz, AGMO
Mauryn McDonald, Senior Engineer (Online)
Taling Taitano, CFO

Management and Staff:

GPA:
Joyce Sayama, Communications Manager
Candice Ananich, MA IV
Reginald Diaz, MA III
Selma Blas, Executive Office AO

GWA:
Evangeline Lujan, Compliance and Safety
Ann Borja-Gallardes, MA IV
John Dixon, IT
Allen McDonald, IT
Michael Schneip, HR
Zina Pangelinan Charfauros, HR

2. APPROVAL OF MINUTES

No minutes for approval at this meeting.

3. PUBLIC COMMENTS

There were no public comments made at this meeting.

GPA

Commissioner Sanchez requested that they go directly to agenda item 6.1, Other Discussion, to address the retention of staff attorney – none opposed.

6. OTHER DISCUSSION

6.1 Retention of Staff Attorney

Commissioner Sanchez presented a copy of a letter from the Office of the Attorney General (OAG) that he received, dated 3/03/2023. The letter is addressed to GPA Legal Counsel, D. Graham Botha.

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Commissioner Sanchez instructed Mr. Graham Botha to acknowledge his awareness of the letter, to confirm whether he has received it and to read the letter aloud for the record. Mr. Botha acknowledged the letter to be an offer of employment addressed to him, he confirmed the date and proceeded to read its contents.

Upon completion, Commissioner Sanchez questioned whether Mr. Botha accepted the offer, Mr. Botha stated that he has not. Commissioner Sanchez further questioned whether Mr. Botha is aware that he is named as an employee on the OAG website employee listing, Mr. Botha indicated that he only became aware at approximately 3:00pm today when Chairman Duenas informed him of it prior to the start of this board meeting. Commissioner Sanchez asked Graham if he has any idea why he would have been listed as an employee of the OAG as of 3/28/2023 when he is stating today that he has not accepted the offer of employment, Botha indicated that he has no idea. Commissioner Sanchez asked Mr. Botha if he informed any of the Board members of the offer of employment, Mr. Botha indicated he did not as it was to his understanding that all 5 board members received a copy of the letter. Commissioner Sanchez asked him if he has decided to accept the offer or not, Mr. Botha indicated that he decided not to accept the offer. When asked by Commissioner Sanchez whether he has notified the attorney general of his decision in writing, Mr. Botha stated that he did it verbally and in writing and that he will provide a copy to the Board after the meeting.

Commissioner questioned whether Mr. Botha approach Mr. Benavente to request for consideration to be made by the commission to match the pay offered by the AG – Mr. Botha indicated that he did not, but that he did tell him about the offer; furthermore, the conversation wasn't specifically to request that the Commission be approached to match the offer, but at some point it was indicated that the GM would.

Commissioner Sanchez addressed concerns about Mr. Botha's loyalty to the ratepayers, the commission that hired him and the management that he works with. Questionable factors in this situation suggests that he is not completely loyal to fulfil his duties and responsibilities to the ratepayers, thus he moves for immediate termination and that Mr. Botha be escorted from the building.

Further questioning by Commissioner Sanchez continued as he asked Mr. Botha to confirm whether he was given a positive review by the Board on November, 2022, that included a 4% increase to his salary, Mr. Botha confirmed. Commissioner Limtiaco suggested that they reach out to the OAG to find out why this was done without the position being officially accepted.

He asked if Mr. Botha would consider it improper that just 4 months after the positive evaluation review, he had asked Mr. Benavente to approach some of the commissioners to match the new offer, of which only informed some of the commissioner were approached, yet he claims to have no idea why his name is listed as an employee on the OAG website. Graham indicated that he was unable to reach other commissioners as they were off island and that he has no idea how and why his name was listed as an OAG employee.

Commissioner Sanchez further pushed for immediate termination based on the following reasons:

Incident regarding a specific meeting in which the Commission met and granted pay raises to the management team, including both GPA and GWA legal counsels, in which the CCU was subsequently sued for violation of the open government act because adequate government notice was not provided. No proper advisement of a potential violation was given by either legal counsels, despite Mr. Botha being present and accepting the pay raise approved at that meeting. As a member of the Guam Bar he is held to an ethical standard to advise his clients when improper or illegal acts are being done, yet he

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failed to do so. Mr. Botha replied that no salaries should have been discussed in Executive Session and that he was unaware that proper notice was not posted or published, otherwise he would have advised the commission of the possibility of a violation of the open government act. Commissioner Sanchez stated that Mr. Botha didn't bother to review that the process by which the raises were given was properly followed and that all requirements were adhered to, nor did he check to see if proper notices were provided so that he could advise the Board, but that he simply accepted the raise that benefited him. Further that Mr. Botha should have immediately notified the Commission and management when he knew an illegal act was being done but he didn't.

As a result, violations were brought forth by former senator Klitzky, with letters signed by both GPA and GWA legal counsels, Kelly Clark advising the commission that the pay raises may not have been properly given and the pay raises should be rescinded. Because of his inaction, fellow colleagues' pay raises were also rescinded after being properly earned by them. Commissioner asked if he was aware of the litigation initiated by Levin Camacho in which he raised the issue that the pay raises were illegal - Graham confirmed that Levin indicated the improper pay raises.

While Commissioner respects the line of questioning by Commissioner Sanchez, but asked to clarify if the motion to terminate Mr. Botha is based on recent factors or previous incidents because based on the gravity of the motion, he feels there isn't enough information at this point and recommends that more information be obtained. Commissioner Sanchez listed the letter of job offer, the way the information became available to the commission, the fact that his name is already on the OAG website as an employee and the lack of proof of written notification of refusal of the offer as main factors for the motion. The disloyalty to the mission of the agency and the rate payers and the nature of which this has occurred, as well as anecdotal information that has come to light from other sources that the offer has already been accepted. Commissioner Sanchez contended that the Board has accepted and tolerated some of the activity thus far, and that he has proven to be more loyal to his own interests than to the authority, the management and the ratepayers.

Commissioner Francis Santos stated for the record that Graham contacted him regarding the offer, and that he was currently looking at the email sent by Mr. Benavente in support of Graham. He wasn't sure at the time whether Mr. Benavente was going to reach out to everyone else individually. Based on Ms. Limtiaco's previous presentation on the market update percentile increase and information from Mr. Benavente's email, while he can understand the rationale to keep Mr. Botha as he is critical to ongoing matters, however, a pay raise for a senior employee within the structure up to the 25th market percentile will open for other employees to want their pay raises as well. He too questions Graham's loyalty, he had hoped that Mr. Botha communicated with them better. At the last work session, the board asked what the impact would be and the Board was told the survey wasn't completed at that time, but this email now indicates that the information is known. He stated that he is not comfortable to make a decision without having been given all the information, especially since the board is in the midst of deciding whether to increase the employee pay to the 25th percentile.

Commissioner Pedro Roy Martinez stated for the record, that he also received the email regarding the offer of employment. It is to his understanding that Graham has not accepted the offer.

Graham confirmed that he has not accepted the offer and he would like to stay with the Authority, it is his opinion that he has served loyally and has provided appropriate advice to the management and to the commission, an offer isn't an indication of disloyalty, he is not currently employed with the OAG and his desire is to stay with the Authority.

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Commissioner Limtiaco specified that no employee is under any obligation to inform the Board of any offers of employment, that he doesn't see this as an issue of disloyalty, any person would seek better opportunities and that he doesn't agree with the opinion that non-disclosure of the offer is an indication of disloyalty. While he acknowledges that something may not seem right, but not that it is a matter of disloyalty and that more information may be needed to make any motion.

Commissioner Sanchez agreed that something is not right about the nature of which the information was provided, including the context in which Mr. Benavente was placed in by Mr. Botha, the fact that he refused to publish his performance rating, and that he failed to provide proper legal advice which cost other well-deserving managers their pay raises and violation of the open government act. His gross displeasure is based on actions and failures by Mr. Botha, which is why he supports the motion for immediate termination. With all things considered, he doesn't feel right with Mr. Botha's continued employment.

Chairman Duenas shared that he regrets that this has happened, he hoped that Graham had realized the impact this would have had earlier on and that he sympathizes with Graham. He stated for the record that he did see the letter beforehand and did allow it on the agenda at the request of the GM for discussion and that he came to the meeting still undecided. Chairman clarified for the record that Graham did agree for his cumulative scores be released from his last evaluation, but not the year previous year. He called for Graham to speak on his own behalf, to be given the opportunity to respond on the matter at hand.

Graham expressed that he feels that he has supported and represented the Authority, the CCU, and the employees in a manner in which they should be, that nobody is perfect and that he has admitted to making mistakes in the past; whether it be jointly with the other legal counsel or not, however he will not blame counsel who's not here. Further, that he has worked on important issues and he believes he has saved the Authority and rate payers money by the way he has conducted business on litigations that has been recognized by the Commission. It was never his intent to display disloyalty to the Authority or the Commission. He explained that he did not seek out the job at the OAG, nor has he accepted it and had no intention of accepting it. The issue of pay adjustments will be addressed at some point and that he would like to stay with the Authority and that getting an offer is not a display of disloyalty to the CCU and regrets that it has come to this.

Motion to terminate employment of Mr. Graham Botha, GPA Legal Counsel, effective immediately and that he be escorted from the building was made by Commissioner Simon Sanchez, with a vote by roll call: Chairman Joey Duenas – YES; Francis Santos – YES; Pedro Roy Martinez – NO; Michael Limtiaco – NO; Simon Sanchez – YES. [YES - 3, NO – 2]

Commissioner Sanchez moved to recess CCU Regular Board Meeting to Monday, April 3, 2023 at 5:30pm. None opposed. Meeting adjourned at 6:04pm.

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CBA

Attested:

JOSEPH T. DUENAS, Chairman

PEDRO ROY MARTINEZ, Secretary



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CCU Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:00 p.m., Tuesday, March 30, 2023
Reconvene: 04/03/2023
MINUTES

1. CALL TO ORDER

The Chairman called the regular board meeting to order at 5:16pm. He stated for the record that this is a continuation of the regular board meeting that was originally scheduled on 03/28/2023, that was recessed to 03/30/2023, in which only item 6.1. Retention of Staff Attorney, was covered and subsequently recessed to today.

Commissioners Present:

Joseph T. Duenas, Chairman
Michael Limtiaco, Commissioner
Simon A. Sanchez, Commissioner

Francis Santos, Vice Chairman
Peter Roy Martinez, Chairman

Executive Management:

GPA:
John Benavente, GM
Tricee Limtiaco, AGMA
John Cruz, AGMETS (Online)
John Kim, CFO

GWA:
Miguel Bordallo, GM
Theresa Rojas, Legal Counsel
Christopher Budasi, AGMAS
Tom Cruz, AGMO
Mauryn McDonald, Senior Engineer (Online)
Taling Taitano, CFO

Management and Staff:

GPA:
Joyce Sayama, Communications Manager
Candice Ananich, MA IV
Reginald Diaz, MA III
Selma Blas, Executive Office AO

GWA:
Evangeline Lujan, Compliance and Safety
Ann Borja-Gallardes, MA IV
John Dixon, IT
Allen McDonald, IT
Michael Schneip, HR
Zina Pangelinan Charfauros, HR

2. APPROVAL OF MINUTES

CCU Regular Board Meeting minutes for 11/29/2022, approved with 5 aye votes.
CCU Regular Board Meeting minutes for 01/24/2023, approved with 5 aye votes.

3. PUBLIC COMMENTS

No public comments were presented at this meeting.

4. GPA

- 4.1 GM Report – No updates to report reviewed at the work session.
 - 4.2 Financial - No updates to report reviewed at the work session.
- Simon asked for an update on the under-recovery now that the month has ended – Mr. Kim indicated no update as customers are still being billed at this time, once complete by the end of this week he’ll have much better information. He shared that he is estimating that it will be close to 21 million dollars by the end of March. February was 27 million dollars.

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A projection will be provided by the next meeting as to when funds will most likely be recovered. Mr. Benavente did an analysis and it's looking like somewhere around the end of May, given no significant change to oil prices.

4.3 Resolution No. FY-2023-14 – Contract for Approval for Fuel Bulk Storage Facility

The current contract for the Management, Operation and Maintenance for the fuel bulk storage facility expires on 09/30/2023. The objective is to ensure uninterrupted and reliable fuel supply to the plants. This 3-year contract is estimated to cost \$2,728,321.00, for the required services under the IFB. Anticipated start is 10/01/2023 and expire on 09/30/2026 with the option to extend for two (2) additional one-year terms. Most of the services will be funded by O&M, and some through CIP if it involves procurement of equipment, construction, modification and others. Of the two (2) bids that were submitted: Supreme Group Guam LLC., has been determined to be the lowest, responsive and responsible bidder. The GM is seeking the Commission's approval of this resolution.

For the purpose of full disclosure Commissioner Lintiaco reported that another company that he manages, Pacific Unlimited, heads an affiliated company, Supreme GMBH which is a sub-contractor under a department of defense contract that he manages, this is affiliated with Supreme Group Guam, LLC. Despite not having any formal business dealings with the Supreme fuels group, his affiliation has exclusively been with the Supreme food group, he is recusing himself from voting on the matter.

Motion to approve **Resolution No. FY-2023-14 – Contract for Approval for Fuel Bulk Storage Facility**, was made by Vice Chairman Francis Santos, seconded by Commissioner Pedro Roy Martinez – no opposition. [Aye = 4, Recusal = 1, Nay = 0]

4.4 Resolution No. FY2023-15 – Request to Increase the Amount of Award for the Physical Security Proof of Concept

The RFP for a Physical Security Proof of Concept (POC) was drafted to provide services for the review, design and buildout for selected GPA and GWA sites in order to increase physical security at the sites and to develop standardized solutions for other sites. Five (5) sites were identified, including the Talofofu Plant, Harmon Substation, Fadian Main Office, Umatac Substation and Piti Substation. Delays caused by supply chain issues and global logistics challenges has increased the timeline of completion, equipment costs, staging resources and contractor cost. Estimated new completion cost has increased by \$350,000 and pushed completion date to July 2023. Contract provide with the model we'll be using to provide CIP to over 200 GPA and GWA assets. This will now be over 1.5 m, proper protocol with requirement of PUC after your approval will send over to PUC for approval.

Motion to approve **Resolution No. FY2023-15 – Request to Increase the Amount of Award for the Physical Security Proof of Concept**, was made by Vice Chairman Francis Santos, seconded by Commissioner Martinez – no opposition. [Aye = 5, Nay = 0]

4.5 Resolution No. FY2023-16 (GPA) / Resolution No. 21-FY2023 (GWA) - Relative to Authorization to Establish a Bank Account with the Bank of Guam (BOG) to Deposit Collections from Customers in the Cannabis Industry

The objective is to authorize Guam Power Authority and the Guam Waterworks Authority (GPWA) to establish a separate bank account with the BOG specifically for the purpose of depositing funds paid by licensed cannabis establishments holding accounts with GPWA for fees and utility (power,

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water and wastewater) services. With the Guam Cannabis Board now accepting applications for licenses for cannabis-related businesses, it is necessary and urgent for GPWA to work with the banks to ensure compliance with banking regulations and accept payments from these customers in a separate account to meet banking and reporting requirements. Payments from licensed cannabis establishments will be made at GPWA locations, namely, Fadian, Julale and Upper Tumon, as GPWA’s merchant services vendors will not accept debit or credit cards from these establishments. The bank will charge the usual maintenance and analysis fees. Sweep fees are \$2.50 per sweep. Once approved, GPWA will work with BOG to establish the accounts. Additionally, GPWA will develop procedures to accept and process payments from cannabis-related businesses. Bank fees will be paid using GPWA revenues. BOG is the trustee and depository for GPWA bonds. Per the bond indentures, GPWA will deposit all revenues upon receipt into the Revenue Fund and the depository shall maintain the Revenue Fund as long as any Bonds remain outstanding.

Motion to approve **Resolution No. FY2023-16 (GPA) / Resolution No. 21-FY2023 (GWA) - Establish a Bank Account with the Bank of Guam (BOG) to Deposit Collections from Customers in the Cannabis Industry** was made by Vice Chairman Francis Santos, second by Commissioner Limtiaco – motion carried without further discussion. [Aye = 5, Nay = 0]

5. GWA

- 5.1 GM Report – no updates to the report presented at the work session.
- 5.2 Financial – no updates to the report presented at the work session.
- 5.3 **Resolution No. 10-FY2023 - Relative to Approval of the Tamuning and Manenggon Reservoirs Construction Contract** – Tabled.

5.4 Resolution No. 16-FY2023 - Relative to Approval of the Pressure Zone Realignment Phase 2 Construction Management Contract

An island wide pressure zone realignment plan was developed Under the Water Resource Master Plan Update 2018 (WRMP). This project’s work falls under the pressure zone realignment plan. The construction of the zones will be in 5 phases and this work is part of Phase 2. The work includes installation of new pressure reducing valves (PRV), flow metering, instrumentation, SCADA, vaults, and waterlines. Selected Architect-Engineer firm will provide Construction Management (CM) services for the construction project. Various locations throughout the island, list provided on Board Books and maps of site location are available upon request. The fee proposal is \$1,688,925.00, with a 10% contingency included, the total authorized funding requested is \$1,857,817. CM services is for 24 months. The start date is dependent on the construction contract anticipated to be signed in May 2023. Funding by USEPA Grant No. M98T48323. Of the 6 firms that submitted proposals, AM Orient Engineering is recommended for award.

Chairman asked when anticipated completion for these projects, GM Bordallo replied there’s still a phase 3 planned, so projections are for around 2 years.

Motion to approve **Resolution No. 16-FY2023 - Relative to Approval of the Pressure Zone Realignment Phase 2 Construction Management Contract** was made by Commissioner Sanchez, second by Commissioner Limtiaco – motion carried. [Aye = 5, Nay = 0]

5.5 Resolution No. 17-FY2023 - Relative to Approval of the ID/IQ Asbestos Cement Pipe (ACP) Waterline Replacement Design/CM Contract

The WRMP Update 2018 developed and included a list of potential ACP waterline replacement projects under Volume 2 of the WRMP Table 8-13 Total Remaining 2-inch and asbestos cement

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(AC) Pipes and Table 8-14 Candidate Project Areas with 2-Inch and AC Pipes. Due to the GWA’s aging water system, replacing AC pipe water lines is necessary to address water loss and improve system reliability and service delivery to customers. The selected Architect-Engineer firm will provide Design and Construction Management services for the project. A task order shall be issued to prepare and develop a master list of replacement sites. Using the WRMP as a starting point, the master list will verify previously identified sites, analyze new operational data, identify additional sites and prioritize line replacement efforts. From the master list, GWA shall issue task orders to begin design of the selected sites. GWA will also issue task orders for design and construction management for sites identified in the previous Line Replacement project priority list, island-wide. The fee proposal is for \$5,427,000.00; however, GWA intends to only award \$1,500,000.00 using USEPA Grant funding and anticipates additional funding from USEPA yearly. Design and construction management services are for 5 years. The funding shall be from USEPA Grants. GHD, Inc. is recommended for award.

Motion to approve **Resolution No. 17-FY2023 - Relative to Approval of the ID/IQ Asbestos Cement Pipe (ACP) Waterline Replacement Design/CM Contract** was made by Vice Chairman Santos, second by Commissioner Sanchez – motion carried. [Aye = 5, Nay = 0]

5.6 Resolution No. 18-FY2023 - Relative to Approval of the ID/IQ Undersized Waterline Replacement Design/CM Contract – Tabled

5.7 Resolution No. 19-FY2023 - Relative to Approval of the ID/IQ Waterline Replacement Design/CM Contract

The WRMP Update 2018 developed and included a list of potential waterline replacement projects under Volume 2 of the WRMP Candidate Projects for Water Pipeline Rehabilitation and Replacement and Candidate Project Budgetary Cost Estimates for Pipeline Rehabilitation and Replacement. Due to the aging water system, replacing water lines is necessary to address water loss and improve system reliability and service delivery to customers. The selected Architect-Engineer firm will provide Design and Construction Management services for the project. A task order shall be issued to prepare and develop a master list of replacement sites. Using the WRMP as a starting point, the master list will verify previously identified sites, analyze new operational data, identify additional sites and prioritize line replacement efforts. From the master list, task orders will be issued to begin design of the selected sites, as well as for design and construction management for sites identified in the previous Line Replacement project priority list, island-wide. The fee proposal is for \$5,973,682.00; however, GWA intends to only award \$1,500,000.00 using USEPA Grant funding. GWA anticipates additional funding from USEPA yearly. Design and construction management services are for 5 years. The funding shall be from USEPA Grants. Duenas, Camacho, and Associates is recommended for award.

Motion to approve **Resolution No. 19-FY2023 - Relative to Approval of the ID/IQ Waterline Replacement Design/CM Contract** was made by Commissioner Limtiaco, second by Commissioner Sanchez – motion carried. [Aye = 5, Nay = 0]

5.8 Resolution No. 20-FY2023 - Relative to Approval of the ID/IQ District Metered Areas Design/CM Contract – Tabled

5.9 Resolution No. 21-FY2023 (GWA) / Resolution No. FY2023-16 (GPA) - Relative to Authorization to Establish a Bank Account with the Bank of Guam (BOG) to Deposit Collections from Customers in the Cannabis Industry

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Recessed March 30, 2023, Reconvened on April 03, 2023

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The objective of this resolution is to authorize the Guam Power Authority and the Guam Waterworks Authority (GPWA) to establish separate bank accounts with BOG specifically for the purpose of depositing funds paid by licensed cannabis establishments holding accounts with GPWA for fees and utility (power, water and wastewater) services. With the Guam Cannabis Board now accepting applications for licenses for cannabis-related businesses, it is necessary and urgent for GPWA to work with the banks to ensure compliance with banking regulations and accept payments from these customers in a separate account to meet banking and reporting requirements. Payments from licensed cannabis establishments will be made at GPWA locations only, Fadian, Julale and Upper Tumon, as GPWA's merchant services vendors will not accept debit or credit cards from these establishments. The bank will charge the usual maintenance and analysis fees. Sweep fees are \$2.50 per sweep. Once approved, GPWA will work with Bank of Guam to establish the accounts. Additionally, GPWA will develop procedures to accept and process payments from cannabis-related businesses. Bank fees will be paid using GPWA revenues. BOG is the trustee and depository for GPWA bonds. Per the bond indentures, GPWA will deposit all Revenues upon receipt into the Revenue Fund and the depository shall maintain the Revenue Fund as long as any Bonds remain outstanding.

Motion to approve Resolution No. 21-FY2023 (GWA) / Resolution No. FY2023-16 (GPA) - Relative to Authorization to Establish a Bank Account with the Bank of Guam (BOG) to Deposit Collections from Customers in the Cannabis Industry was made by Vice Chairman Francis Santos, second by Commissioner Limtiaco – motion carried without further discussion. [Aye = 5, Nay = 0] Approval above presented by GPA

6. OTHER DISCUSSION

6.1 Retention of Staff Attorney was discussed on 03/30/2023

7. ANNOUNCEMENTS

7.1 Next CCU Meetings:

Tuesday, April 18, 2023 at 8:30 a.m. - GWA Work Session

Thursday, April 20, 2023 at 8:30 a.m. - GPA Work Session

Tuesday, April 25, 2023 at 5:30 p.m. - CCU Meeting

8. ADJOURNMENT

Meeting adjourned at 5:41pm – none opposed



CONSOLIDATED COMMISSION ON UTILITIES

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

CCU Special Board Meeting

CCU Conference Room, Gloria B. Nelson Public Service Building
 5:30 p.m., Tuesday, May 30, 2023

MINUTES

1. CALL TO ORDER

[Chairman Duenas] This a meeting of the Consolidated Commission on Utilities. It is a special meeting. We didn't have a chance to get a meeting because of the storm, we couldn't notice it properly so this is a special meeting. We're going to cover the topics that we need to cover both mostly for GWA.

For the record those present in the room are myself (Chairman Duenas), Commissioner Martinez, Commissioner Santos, and online is Commissioner Limtiaco.

I know Commissioner Sanchez was going to try to get on so hopefully he might join the meeting as we progress.

Commissioner Name	Position	Attendance Status
Joseph "Chairman Duenas" T. Duenas	Chairman	Present (in-person)
Francis Santos	Vice-Chairman	Present (in-person)
Pedro Martinez	Secretary	Present (in-person)
Michael Limtiaco	Board Member	Present (online)
Simon Sanchez	Board Member	Absent

Executive Management	
GPA	GWA
John Benavente	Miguel Bordallo
Jennifer Sablan	Chris Budasi
Tricee Limtiaco (online)	Therese Rojas
John Kim	Taling Taitano (online)

Management and Staff	
GPA	GWA
Candice Ananich	Ann Borja-Gallardes
Reginald Diaz	Allen McDonald
Joyce Sayama	Evangeline Lujan

Public	
None	

2. APPROVAL OF MINUTES

[Chairman Duenas] There are no minutes for the meeting tonight...

3. PUBLIC COMMENT

[Chairman Duenas] And there's nobody from the public.

4. GPA

4.1 GM REPORT

[GM Benavente] I have a brief summary of where we are today in terms of the power system, as of 12 o'clock today, we have about 26% of our customer demand restored. We don't have the customer numbers yet because for the Outage Management System is not online completely yet until probably the end of the week. If you try to translate that to approximate number of customers, you can anticipate that there's somewhere around 13,000 customers restored.

Now, if you look at the most of our effort has been to put up transmission lines and substations. Substation is like your main breaker in the house. If there's no power to the main breaker, all the feeders or circuits do not have power, so we have to restore the substation.

So out of 24 critical substations, we have restored 20, so that's 83% that are restored. Out of the 63 feeders that we have, 34 have been restored, so about 55.6%.

So the way that works now is that you see the larger number of substations have been restored now you're going to see more and more feeders restored. As it could be seen, we get to this point restoring customers but our main emphasis has been to get the hospitals running, running to the water wells, running to the major wastewater sewer treatment plants and systems. We've done that, we have one last critical thing we have to do is get Apra up so that we can get the Ga'an and the other wastewater treatment up and running. Our team is out there and hopefully that's done tonight.

So out of the 24, Apra and Orote should probably be on tonight. Then we're going to hit Umatac and the Radio Barrigada and that will complete heating up all the substations. We've gotten as far as Piti in one end and we got this far as Talofoto on the other end. So having those, now we can begin feeder restoring customers and the other areas.

In terms of generation capacity, we do have 91 megawatts online now for the 52 megawatts of load. We do have work with the power plants, for example, Cabras got station service today and it will probably take her 24 to 36 hours to be on the line.

(Piti) 8 and 9 has some water inclusions and so it's going to take two to four days. They're bringing in some parts from Macao. Macao has the parts and everything because the

specialist is over there. As far as having the capacity to continue the restoration, I think Cabras should come on the line tomorrow then that will alleviate the whole thing.

The other things that we're working on, of course we're working 24/7, 12-hour shifts.

Our inventory is good so we are not running out of anything that we need, although we're ordering to replenish. I have put in the order through FEMA for bringing in 16 personnel from CNMI, probably will be here within about a week and they'll roll right into our teams. As we get to the harder, more difficult places, we have more manpower to look at that. So even if you had very heavily damage, we're going to get to you, and then we're going to have more people working with us at that point.

We've all also asked assistance from the American Public Power Association to repair the Cabras line 1 and 2. That's the tower lattice that goes through the mountains. We get a group that will just concentrate on that. That's the last one we're going to get through but if we bringing in a group that will repair that, then we don't have to worry when we get to that point. That would add added reliability to the system but not necessary for us to bring the whole system back.

Solar Farms, there is minimal damage in both the KEPCO, up here, the 60 megawatt and the 25 megawatt down south. We won't be starting them up for about a week because we need to stabilize the system and get both energy storage battery systems up and operating. Right now they are working on Mongmong, because that's our main system control for the system. Talofofu, it seems like it might be ready but again we're not starting up that solar, we need to get the Hagatna one.

Everything is moving in the right direction and soon these things will get up, stabilize, then we begin to put in more and more feeders. Again, when I say feeders, we will be concentrating spreading our crews to different substations and beginning to address the least damaged feeders at that point to get the most customers back and then we'll get to the really heavily damaged ones.

Transformers all of those things they will be a special crew that will just be out there installing transformers so that we're not holding up the crew, just waiting around for a transformer. So those are the processes that we will work towards.

I'd just like to thank all the hardworking men and women of GPA and GWA. Everyone's been working hard, the team has been working well, handling the need for water because power and water goes hand in hand, and so we've been working those to ourselves and the teams.

There are some nice lessons learned that we will act upon afterwards but right now we're doing very well and I think the infrastructure has stood up well despite the huge magnitude of the winds that was here. Not only it was here, but lingered here for a long time.

[Comm. Santos] Where did we sustain the most damage? In terms of our systems?

[GM Benavente] Mostly in the north, like right now, we're trying to get to two of the largest wells up north, HGC-2 and AG-2, it has been taking several days to get there but maybe hopefully tonight or tomorrow they get that. We want to get there because those are the

high production wells and if we get there, that would help increase the pressure of the system.

We're trying to get down to Apra so we can get the wastewater system going. We got the Hagatna Main already, we got all the other ones.

Now that we have done that we can begin now to address the customers coming on the feeders. It's just you know, step by step by step but so far it's going very well and the teams are staying together, hanging tight, of course people are getting tired but you know, we just have to do it safely.

[Chairman Duenas] Commission Martinez, do you have any questions?

[Comm. Martinez] What about the new construction? Ukudu, is that okay?

[GM Benavente] Ukudu is a different story, I will give a report on that later but the tanks that are there, the beautiful tanks that were going up for the two storage tanks for the fuel and two for the treatment plan, they all buckled.

I'm hearing that may delay as much as one year, the project, because you have to re-order the materials, do all of this, and all of that. But again, I don't have an update to the schedule. I think the other machines are fine, which is more critical but the tanks have to be reconstructed, most likely. Once you're completed, you have to fill it with water or something, otherwise it could buckle on you. Here, the tanks we're just getting to the top and that would make them more strong but still potentially could buckle.

[Chairman Duenas] Our General Manager, Miguel Bordallo, who's now here, for GWA. I just wanted to acknowledge him. Comm. Limtiaco, do you have any questions for John B?

[Comm. Limtiaco] Are there any updates on the standby generators for the wells? I know you working to restore power so we can get the wells operational but what about the gen sets, I read the report directly, there are 22 that are off the line? Are we doing anything to try and get those operational until power is restored?

[GM Benavente] I think they are moving some around that they could but right at this point we're trying to get them island power.

That's 22 that are down, let's take that in relative numbers, there's 22 out of 300 generators. That's not too bad. They're trying to get generators where they can but there is already criticism, all the generator didn't survive and all that, well come on, they gotta lay off that because in a storm like this, you will have these generators to have a problem but at least there's a substantial majority of them are still operating.

Where we are now, we have to pull from somewhere and all of that, we're going to do that, but we're trying to address the big one in the north with island power. Most of the others are I think they got a generator to access. You got to access the generator to operate that because it's going to take us a little longer to get to access. So those are the things that we're working on.

4.2 FINANCIAL

[Chairman Duenas] Okay, you okay Comm. Limtiaco? John Kim do you have anything to tell us on the financial side?

[John Kim] Not really much.

4.3 **RESOLUTION NO. FY2023-20 (GPA)/Resolution 31-FY2023 (GWA) Approving the Procurement of Conflict(s) and Assistant Legal Counsel(s) for the CCU, Guam Power Authority and Guam Waterworks Authority**

[Chairman Duenas] Let's start with the first joint resolution. Teresa do you want to address this one? Let's do this!

It's on the GWA GPA list. Let's just deal with that one now while we wait for Miguel to show up and if not we'll get Chris to step up and get going.

[Atty. Rojas] This is agenda item 4.3 on the agenda for GPA and agenda item 5.10 for GWA.

[Comm. Santos] I move to accept the two resolutions.

[Chairman Duenas] Is there a motion to accept?

[Comm. Santos] Yup

[Chairman Duenas] Is there a second?

[Comm. Martinez] Second.

[Chairman Duenas] So there's a motion and a second.

[Atty. Rojas] So Resolution No. FY2023-20 for GPA and Resolution No. 31-FY2023 for GWA, is essentially for GPA and GWA to jointly procure a new interim, alternate, or conflicts Counsel for the authority. As the Commissioners are aware, on contract for five (5) years was the law firm of Vincent Leon Guerrero serving as alternate, interim, or conflicts Counsel for the CCU, GPA and GWA.

Attorney Leon Guerrero's contract expired May 17, 2023, so this is a request for the CCU to approve that GPA and GWA re-procure new legal services for the CCU.

The legal services are intended to be temporary in nature and as the board is aware, both GPA and GWA have their own in-house Counsels. The bulk of the work for the utilities is performed by the in-house attorneys but the procurement for an outside legal Counsel is to cover the in-house attorney's in the event of deployments, unexpected leave, excessive workloads or for specialized legal matters. Special technical legal matters.

In the past the scope of work for the outside Counsel has been to provide legal opinions for issues that perhaps either the GPA or GWA attorney would be in conflict with. To prepare documents for specialized matters, either it would be contract reviews or it could

be deeds pertaining to land issues. It's intended to be specialized in nature then it really is for the CCU to have the option, and GPA and GWA to have the option, to reach out to an alternate, interim, or conflicts Counsel, as needed.

[Chairman Duenas] John (*Benavente*) you're presenting this resolution on behalf of GPA, and Chris (*Budas*) is here for GWA and your both asking for this resolution to be adopted?

[GM Benavente] Yes, that's correct, Mr. Chairman, it's needed for both of us.

[Chairman Duenas] Commissioners, in the room, do you have any questions? No? Comm. Limtiaco (online), do you have any questions?

[Comm. Limtiaco] Regarding the conflicts Counsel spend over the last five years, how were 2022 divvied up between GPA and GWA? There was a total spend of \$730,000 for 2022, what percentage of that was split between GPA and GWA, and for what reasons?

[Atty. Rojas] So Commissioner Limtiaco, sorry, I don't have the answer to that question this evening. I did confirm with GPA finance that all the billings from Attorney Vince Leon Guerrero have just been coming through to GWA because a bulk of his legal work has been for GWA because he's on the Badger suit and the Core Tech suit.

[Chairman Duenas] Litigation matters.

[Atty. Rojas] We have not cross billed. We haven't built GPA for any of the work performed as of yet so we haven't come up with those numbers. So I don't know the proportion of work is on the amounts that we have.

[Chairman Duenas] Commissioner Limtiaco, I remember that some of this was also dealing with U.S. EPA enforcement issues. Through the conflicts Counsel, we procured the specialty attorneys to work with us on those enforcement actions. Both for GPA with regards to the consent decree.

John, what was the consent decree for? the air quality? I can't remember?

You did the U.S EPA, there was an outside Counsel... I remember, there was a guy, Pillsbury! Pillsbury, that's the name of the company. So that was for GPA for that consent decree with regards to Rice-Mac or AGU-Mac. Those were the two enforcements. We needed the specialty Counsels who knew and understood these enforcement issues.

Then on GWA, there are all the other matters some of which I think you remember Comm. Limtiaco.

[Comm. Limtiaco] Okay.

[Chairman Duenas] No further questions, no further discussion? All those in favor of approving the resolution signify by saying "aye"?

[Commissioners] "Aye"

[Chairman Duenas] Motion carries with three (3) "aye" votes in the room and one (1) "aye" vote online.

[Chairman Duenas] Motion carries, five (5) affirmative votes.

5. GWA

5.1 GM Report

[Chairman Duenas] Okay, that's good. The rest of the resolutions are all GWA. We got through the first joint resolution and we approved that one already. Unless you want to do a report or anything, you want to just focus on the resolutions first?

[GM Bordallo] Sure. Just by way of information, I just wanted to let the Commissioners know that Senator San Augustin has doubts about GWA management and he's going to have questions for you he said, at the hearing.

[Chairman Duenas] Oh, well thank you very much.

[Comm. Santos] He's qualified to be the general manager.

5.2 Financial

5.3 Relative to Approval of the Tamuning and Manenggon Reservoirs Construction Contract Resolution No. 10-FY2023

[GM Bordallo] Our next resolution up for your action is 10-FY2023 and this is relative to approving the contract or Manenggon Reservoir No. 2 and Tamuning Reservoir No. 2. These are both court-ordered tank projects. The Tamuning Reservoir No. 2 is your favorite Mr. Chair, the airport reservoir and Manenggon is the one up by Leo Palace. Both of these will be replaced with concrete reservoirs.

[Chairman Duenas] Will these generators complete the court order?

[GM Bordallo] Well, reservoirs you mean?

[Chairman Duenas] Yeah, these reservoirs.

[GM Bordallo] Not complete but they will help us get there. There are two resolutions that deal with the reservoirs, so this is the first one of them. These two were put out together and its construction of these two new concrete reservoirs and then the existing steel reservoirs will also be repaired.

Sorry, Mr. Chair, because I was called down (*to the legislature*), I'm not very well prepared for this right now.

[Comm. Santos] Motion to accept GWA resolution 10-FY2023.

[Comm. Martinez] Second.

[Chairman Duenas] Do you have any more to say about this resolutions?

[GM Bordallo] I think I need to give you the total cost.

[Chairman Duenas] Oh yes, it's a big cost. The cost is going to be big.

[GM Bordallo] We're seeking approval of \$34,429,555.00 for the contract with Core Tech International and the standard 5% contingency, so bringing the total funding authorization to \$36.1 million.

[Chairman Duenas] Okay. Any questions? Comm. Limtiaco, do you have any questions?

[Comm. Limtiaco] No questions Mr. Chair.

[Chairman Duenas] No questions, all those in favor of the motion signify by saying "aye"?

[Commissioners] "Aye"

[Chairman Duenas] So three (3) "ayes" in the room and Commissioner Limtiaco is also voting "aye" online.

5.4 Relative to Approval of the Indefinite Delivery/Indefinite Quantity Undersized Waterline Replacement Design and CM Contract Resolution No. 18-FY2023

*Tabled

5.5 Relative to Approval of Additional Funding of Construction Contract for the Tank Repair and Bypass Project Resolution No. 26-FY2023

[Comm. Santos] This is motion to accept GWA resolution 26-FY2023, Mr. Chairman.

[Chairman Duenas] Is there a second?

[Comm. Limtiaco] Second.

[Chairman Duenas] Okay, go ahead.

[GM Bordallo] This is additional funding for the construction contract for our tank repair and bypass project. This is again part of the court order. It includes cost specifically for the Kaiser fuel tank repairs in the amount of \$2.584 million, which includes a 15% contingency. The existing contract has already been funded up to about \$12 million and we're seeking this additional funding request of \$2.558 million to bring the total cost authorized amount to \$15.54 million.

[Chairman Duenas] Any questions on this motion? If there are no further questions, all those in favor signify by saying "aye"?

[Commissioners] "Aye"

[Chairman Duenas] Motion carries, three (3) "aye" votes in the room and Commissioner Limtiaco voting "aye" online.

5.6 Relative to Approval of the Ugum #2 Reservoir Construction Management Contract Resolution No. 27-FY2023

[GM Bordallo] Next resolution is 27- FY2023. This is the second of the major court order tank projects. This is Ugum No. 2. This is the construction management contract for

Ugum No. 2 Reservoir. This is a court ordered project for the construction of a second reservoir at the Ugum treatment plant. The construction management services that are required for this project, we've negotiated with the most qualified offer at a fee of \$1.514 million, with a 10% contingency of \$151,000. We're seeking your authorization for funding in the amount of \$1.666 million dollars and this will be funded from bond funds.

[Comm. Santos] Motion to accept GWA resolution 27-FY2023.

[Chairman Duenas] Second?

[Comm. Martinez] Second.

[Chairman Duenas] Anybody have any questions on this resolution? All those in favor of the resolution signify by saying "aye"?

[Commissioners] "Aye"

[Chairman Duenas] So there are three (3) "ayes" in the room and Commissioner Limtiaco votes "aye" online.

5.7 Relative to Approval of Bond Proceeds Reallocation Resolution No. 28-FY2023

[GM Bordallo] Next is resolution 28-FY2023 and this is seeking the board's approval to reallocate proceeds from that Series 2020A bonds this is primarily because we need to fund all of the court ordered tank projects.

Since this bond issuance, there have been several factors which have increased construction costs including the local construction market and also the inflationary pressures that have resulted from global supply chain issues, oil prices, all of that. We are finding that we have sufficient bond funds to complete the court ordered projects but the amounts that we had allocated for those court ordered projects is being exceeded by the current construction market and the costs associated with these projects.

We are seeking to reallocate \$11.893 million of the Series 2020A bond proceeds from projects that can either be deferred or are not needed at this time and will be funded with either grants or later bonds.

[Comm. Santos] Motion to accept GWA resolution 28-FY2023.

[Comm. Martinez] Second.

[Chairman Duenas] Okay, we have any questions on this?

[Comm. Limtiaco] No questions Mr. Chair.

[Chairman Duenas] Okay, all those in favor of the resolution please signify by saying "Aye"?

[Commissioners] "Aye"

[Chairman Duenas] Okay, three (3) "ayes" in the room and Commissioner Limtiaco votes "aye" online.

5.8 Relative to Approval of the Ugam #2 Reservoir Construction Contract Resolution No. 29-FY2023

*Tabled

5.9 Relative to Requesting Approval to Procure Indefinite Delivery / Indefinite Quantity Services for Design, Construction, and Project/Construction Management for Sewage Pump Station and Force Main Rehabilitation / Replacement Resolution No. 30-FY2023

[GM Bordallo] Resolution 30-FY2023 is seeking the Board's approval for procuring engineering, construction, and project/construction management services for sewage pump station and force main repair, rehabilitation, and replacement. This procurement is essentially to provide the services that would be needed to address the compliance project that we are currently negotiating with U.S. EPA as part of our consent decree.

As you are well aware, the primary focus of that consent decree are wastewater projects, collection system project. So we are anticipate putting out RFPs for engineering, design, and project management and construction management surveys through indefinite delivery, indefinite quantity contracts. Then issuing task orders for the various projects that we will need to undertake.

The location of these projects will be island-wide. We are estimating a cost of \$5.54 million will be needed for the sewer pump stations and of course main costs ranging from \$17.3 million to \$116 million to replace force mains. However, these construction costs that were estimated in the master plan need to be evaluated. What we are seeking your approval for is to procure the engineering services in order to address these types of compliance projects. We are proposing to use bond and grant funds in order to procure these services island-wide.

[Chairman Duenas] Okay, there's motion already, right?!

[Comm. Santos] No. Motion to accept GWA resolution 30-FY2023.

[Chairman Duenas] Second?

[Comm. Limtiaco] Second.

[Chairman Duenas] Any further discussion? Any questions? There are no questions, all those in favor the motion signify by saying "aye"?

[Commissioners] "Aye"

[Chairman Duenas] There's three (3) "ayes" in the room and Commissioner Limtiaco says "aye" online.

5.10 Relative to Approving the Procurement of Conflict(s) and Assistant Legal Counsel(s) for the CCU, Guam Power Authority and the Guam Waterworks Authority Resolution No. 31-FY2023 (GWA) / Resolution No. FY2023-20 (GPA)

*Tabled

5.11 Relative to Approval and Ratification of Legal Counsels for Litigation for Sup. Ct. of Guam Case No. CV1198-18 and D. Ct. of Guam Case No. CV20-00032
Resolution No. 33-FY2023

*Tabled

5.12 Relative to Approval of Guam Waterworks Authority FY2023 True-Up and FY2024 Budget Resolution No. 33-FY2023

[GM Bordallo] The next resolution for action is number 33-FY2023 and this is approving our Fiscal Year 2023 True-Up and Fiscal Year 2024 Budget.

As you know, in the PUC's September 22, 2022 rate decision, they approved the 5.5% increase for both Fiscal Year 2023 and Fiscal Year 2024, with the requirement to do a True-Up, due June 1st of this year. To reflect our actual and projected completion of Fiscal Year 2023 and then project our budget for Fiscal Year 2024.

Based on the work that we have done with our financial consultants and our finance team, our Fiscal Year 2024 proposed budget is estimated at \$137.6 million with \$108.1 million in operating expenses. It's based on achieving a target debt service coverage ratio of 1.35, which is still not where we want to be but it's better than where we were during the pandemic.

With target replenishment of reserves that we have exhausted, because of the lack of rate relief that we requested. So we would seek to replenish reserves at \$7.5 million and also include \$8.8 million in internally funded capital projects to cover IT equipment purchases and other internally funded CIP.

In order to do this, an anticipated increase using our current rate design is being estimated at or projected at 27%. This would include a 3.8% legislative surcharge recommended to cover expenses related to retirees.

We have conservatively projected growth for most accounts, which is to say "flat", with less than 1% of growth for residential accounts. With Commercial One accounts projected to grow between 0.25% and 1%.

We've also factored in price elasticity with that proposed 27% rate increase. We would see a decline in demand of about 2.4% per residential accounts and 3.6% in commercial or non-residential accounts.

We have prepared a sample of some of the schedules that we will be filing with the PUC for the Board, those are included in Exhibit A. Schedules A1 and A2, you can see if we go to...

[Chairman Duenas] It's on page 151 of my board book, you don't have that?

[GM Bordallo] True-Up Schedule A1?

[Chairman Duenas] Yeah, it's on 151. Comm. Limtiaco, of our board books, okay?

[Comm. Limtiaco] Got it.

[GM Bordallo] So you can see our proposed budget with 27% rate increase. Our total sources would be about at \$130 million. Our total uses \$128 million which would include \$39 million in debt service and then the \$8.8 million in internally funded CIP.

With all of that, we would transfer \$7.5 million to the rate stabilization fund, that number is shown in blue, mid-page. That would result in debt service coverage ratio at the end of the year of 1.354.

If you look at the following page, this is True-Up Schedule A2, this shows what our performance would be had we not had the benefit of the reserves. You can see starting in Fiscal Year 2022, we would have been at the debt service coverage of 1.138, and then in Fiscal Year 2023, 0.818, resulting primarily from the increased expenses for debts or debt service and also for the power.

In Fiscal Year 2024, if we don't get any rate relief, we'll be at 0.848 and so, all of these numbers are would put us in technical default. So we have suffered from two years of using reserves and not having sufficient rate revenue to cover our expenses and of course that has depleted the reserves.

So now we're facing a situation where we won't have any reserves moving forward, we won't have any assistance from anybody else, so in order to meet our operating expenses and achieve the bond indenture requirements of a minimum debt service coverage of 1.25, with a little bit of cushion, and to replenish our reserves, the rate relief that would be required is 27%.

Schedule K is attached which shows these rate increases for our monthly base charges and our volumetric rates for both water and wastewater. Again, these are increases based on our current rate design structure not the new or proposed rate design structure, which petition for which is already before the PUC but we've amended it to ask for it to be deferred to the next to be implemented in the next five-year rate. So what we're proposing at 27% is on our existing rate structure.

[Comm. Santos] If they had approved them, Miguel, what would this look like?

[GM Bordallo] It's difficult to tell, we didn't run that kind of scenario. Just how it was spread out with the rate design, some rate classes would have gone up 30% or more just to provide the overall revenue requirement that we would need. We thought it best to proceed with current rate design structure and that's what is before you today.

Schedule "L", we present the customer impact based on various estimated usages so you can see for example, for customers in the residential rate class using 3,000 gallons per month, their bill for both water and sewer would be \$63.76. In Fiscal Year 2024, with the proposed increase, that would go up by about \$17, and so their bill for 3,000-gallons a month would be \$81.

Probably, more of our customers would fall in the 6,000-gallon a month range so that would move them from \$82.68 currently to about \$105.20 with the proposed rate increase.

[Chairman Duenas] Not a pretty picture but one that we don't have a way around.

[GM Bordallo] Right, this is a result of the delay, the recommendations by the PUC's consultants to kick the can down the road, and not provide the rate relief that we originally requested. It's also put us in the position of not having a choice as to how we can move forward. Remember, this is just projecting out for Fiscal Year 2024, so if the approved rates were too low then we risk technical default and even higher requirements for rate increases in the in the next five-year rate.

If the approved rates are higher than absolutely required, which we very much doubt, in our Fiscal Year 2025 through 2029 ratings may be lower than what we're currently projecting.

[Comm. Santos] When do you go before the PUC?

[GM Bordallo] We have to submit June 1st and then we're hoping they will handle us in August or July meeting.

[Comm. Santos] Not the June meeting?

[Chairman Duenas] Their July meeting.

[GM Bordallo] I mean it is going to be up to them whether they require their consultants provide them information on this True-Up.

[Comm. Santos] And they have done that in the past, right?

[Chairman Duenas] Well, they can do anything they want.

[Comm. Limtiaco] Hey Miguel, I have a question.

[GM Bordallo] Sure.

[Comm. Limtiaco] So Miguel, the 5.5% that was the non-lifeline rate, that's already in place right? That's been increased already by 5.5%, right?

[GM Bordallo] There was a 5.5% increase for Fiscal Year 2023 and the placeholder rate for Fiscal Year 2024 that was set by the PUC is also 5.5%

[Comm. Limtiaco] Okay and so the 27% True-Up that you're recommending, that's inclusive of what that additional 5.5% would be as well?

[GM Bordallo] Instead of 5.5% it would need to be 27%.

[Comm. Limtiaco] But the surcharge, that's a 3.8% that's an increase from the prior year by 0.3%?

[GM Bordallo] That's based on the projection of the expenses for retirees.

[Chairman Duenas] That's mandated by the retirees, by law.

[Comm. Limtiaco] Can you explain again the 8.8% in the internally funded capital expenditures and why we're trying to recover that and included it in the rate increase?

[GM Bordallo] The internally funded CIP is funded out of revenues so it is included in our projections for that 27%. So a portion of the of the rates would go into an IFCIP fund and then would be used to fund Capital Improvement Projects that we don't have bond or grant funding for.

[Chairman Duenas] Miguel, to follow up on what Commissioner Limtiaco said, there is a need for revenue funded projects because we get a lot of grants and EPA money already but the need is greater than that. Is that accurate?

[GM Bordallo] Yes, and the overall long-term financial planning objective, as stated in our Water Resource Master Plan was to build up sufficient rate revenues such that your annual renewals, for example, if you have pipelines that are anticipated to have a 50-year lifespan, that means every year you should be replacing 2% of your inventory.

So your annual renewals should be funded out of revenues and you should only be financing and incurring debt for Capital Improvement Projects that are kind of, to use the exquisite financial phrase, "they're lumpy".

So every year you should be spending to do your annual renewals but those big projects that are not expended annually, like a new wastewater treatment plant, those are "lumpy". Those are the ones that you should be debt financing. But, in general your renewals, you want to be funding out of revenues.

That was the overall objective and so each time we prepare a financial plan we estimate or project what we can fund through rate revenues, what we anticipate we will get in grants, and what we would need to debt finance.

For the last five-year plan, we haven't really had any revenues to do any IFCIP so we've burned through whatever reserves we had in place. We've also deferred some projects that should have been funded out of IFCIP. This budget includes a certain amount to handle those type of annual renewals and software requirements, that sort of thing.

[Chairman Duenas] Commissioner Limtiaco, we have a big thing on the horizon where he talks about lumpy projects, the Hagatna wastewater treatment is one of those projects. That's a big, lumpy project. Any other questions?

[Comm. Limtiaco] No other questions.

[Chairman Duenas] Did we have a motion?

[Comm. Santos] Motion to accept Mr. Chairman.

[Comm. Limtiaco] Second.

[Comm. Santos] Just for the record, its resolution its 33-FY2023.

[Chairman Duenas] Thank you. Okay, if there are no further questions or discussions, all those in favor signify by saying "Aye"?

[Commissioners] "Aye"

[Chairman Duenas] Commissioner Limtiaco signifies "aye" also. Thank you very much, so four (4) "ayes", three (3) in the room and one (1) online.

What's next or are we done?

Do you have anything else that you want to tell us?

[Comm. Santos] What was the result of the oversight hearing other than Senator Joe San Agustin is going to call for you.

[GM Bordallo] There were significant questions about our ability to bring wells back online. Whether or not we were prepared going into the storm. They would like estimates of when we would get back to everybody having water and I gave them the best answers that I could. Other than that, no, nothing else really to report. I gave them the same information that we have been putting out with the agency report.

[Comm. Limtiaco] Miguel, was there a sense of whether or not they're receiving these comms? Were they aware of the communication? In my listening to the hearing, it appears as though there was a lack of information on their part, is it because we weren't communicating it properly or they just weren't reading it?

[GM Bordallo] I think that there's a combination of things. We are communicating as we should be through the reports generated and submitted through the Joint Information Center (JIC) for distribution. Our twice daily reports are included in that. I don't think that those are easily digestible and I don't know if that's what the complaint is.

There was also one senator who indicated that even the Mayors are having a difficult time communicating because of the lack of general telecom services. People don't have access to what they would normally have access to. Radio stations weren't mentioned but of course they are not on the air.

[Chairman Duenas] They did just return to the air, just yesterday.

[GM Bordallo] There was a sense of that but the primary focus was when can we expect to have water to everybody.

There was a little bit of explaining of basic physics on how the water system works but I don't know that that made much of a difference.

[Chairman Duenas] But you tried?

[GM Bordallo] I did.

[Chairman Duenas] Okay. Any other questions? Did you have anything else to say, if not, we can adjourn.

[GM Bordallo] I find myself quite speechless.

6. ANNOUNCEMENTS

6.1 NEXT CCU MEETINGS:

Meeting Name	Day	Date	Time
GWA Work Session	Tuesday	July 18, 2023	8:30 a.m.
GPA Work Session	Thursday	July 20, 2023	8:30 a.m.
CCU Regular Meeting	Tuesday	July 25, 2023	5:30 p.m.

7. ADJOURNMENT

[Chairman Duenas] Motion to adjourn?

[Comm. Frances] Motion to adjourn.

[Comm. Martinez] Second.

[Chairman Duenas] All in favor say "aye"?

[Commissioners] "Aye"

[Chairman Duenas] This meeting is adjourned. Thank you, Miguel, thank you!

Adjournment at 6:29 p.m.

\s\

R. Diaz

Attested

Joseph T. Duenas
CCU Board Chairman

Pedro Roy Martinez
CCU Board Secretary



CONSOLIDATED COMMISSION ON UTILITIES

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

Special Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
10:00 a.m., Monday, July 3, 2023

MINUTES

1. CALL TO ORDER

The Vice-Chairman Santos opens the special board meeting at 10:13 a.m. For the purpose of a quorum, Commissioner Sanchez and Santos are present in the CCU conference room and appearing on GoTo Meeting is Chairman Duenas and Commissioner Limtiaco. Commissioner Martinez is off-island and not available. A quorum is present and meeting is called to order.

Commissioners:

Joseph T. Duenas	CCU Chairman (GoTo Meeting)
Francis E. Santos	CCU Vice-Chairman
Michael T. Limtiaco	Commissioner (GoTo Meeting)
Simon Sanchez	Commissioner
Pedro Roy Martinez	Board Secretary (Absent)

Executive Mgmt.:

John Benavente	GM/GPA
Miguel Bordallo	GM/GWA
Tricee Limtiaco	AGMA/GPA
Jennifer Sablan	AGMO/GPA
Joyce Sayama	Communications Director/GPA
Maripaz Perez	Acting CFO/GPA
Therese Rojas	Legal Counsel / GWA

Management & Staff:

Candice Ananich	Management Analysis/GPA
Ann Borja-Gallardes	Management Analysis/GWA
Vien Wong	IT Support / GPA
Allen McDonald	IT Support / GWA
Lourissa Gilman	Utility Board Secretary

Guest:

David Castro	Guam Daily Post
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2. PUBLIC COMMENTS

Vice-Chairman Santos states there are no public comments at this time.

3. NEW BUSINESS

3.1 GPA Resolution No. FY2023-21 Extension of Cabras Power Plant Performance Management Contract (PMC)

GPA GM John Benavente states Resolution No. FY2023-21 is relative to the approval of extending the Cabras 1 and 2 Power Plant Performance Management Contract (PMC) for Taiwan Electrical and Mechanical Engineering Services better known as TEMES. The contract came into place for 3 years with option to extend for two additional one year terms beginning September 30, 2023. However, the base rate is expiring on September 30 this year. Cabras power plant is not slated for retirement until after the Ukudu Power Plant has been updated. Furthermore, as a result of damage caused by Typhoon Marwar, there will be an extension as to the commissioning of that power plant.

GM Benavente states TEMES has written to him in April about their intent to terminate the PMC contract after September 30 and not go for the option years. So, it is imperative to have TEMES continue most especially for the next two years. It would be difficult to get anyone in place of TEMES and Cabras 1 and 2 Power Plants are at the last stage of their machine life and a lot of work is needed to keep it going. So therefore, Jennifer Sablan, AGMO, has negotiated a contract with TEMES for the extension of the PMC contract beginning October 1, 2023 to September 30, 2025. This will be the period of time when the Ukudu Power Plant will be completed. And, during the last few months we can extend it or run it ourselves at that point, but not for the next two years.

GM Benavente notes the labor charges have gone up and TEMES needs additional people for the plant so the price for the two-year extension has increased. GM Benavente notes the fixed management fee and annual fee will be from \$2.7M to \$4.248M for the last two years of the extension. That is about a \$400 thousand increase per year. The cost is not unreasonable for the amount of work that has to be done to Cabras 1 and 2. TEMES is adding two engineers to the facility because of the age of the plant. GM Benavente is asking the Commissioners for approval of the Resolution.

[Commissioner Sanchez moves to approve Resolution FY2023-21 Extension of Cabras Power Plant Performance Management Contract \(PMC\); Commissioner Limtiaco seconded the motion.](#)

Vice Chairman Santos calls for discussion.

Commissioner Sanchez clarifies with GM Benavente the \$4M is for management and the O&M. It's the combination of both the management and the out-of-pocket to run the plant. It's the management fee plus the O&M is \$4M then the next year is \$4M and that's \$8M total. GM Benavente and AGMO Sablan both agreed. Vice Chairman Santos asks for any other discussion from the commissioners. Chairman Duenas and Commissioner Limtiaco both reply no further discussion or questions.

[Vice Chairman Santos calls for the vote; all approved, no opposition. \[Aye = 4, Excused = 1, Nay = 0\].](#)

Commissioner Sanchez motions to go into Executive Session to discuss litigation matters. Vice Chairman Santos agrees to the motion.

4. EXECUTIVE SESSION

4.1 Litigation Matters

Executive Session begins.

Vice Chairman announces the meeting is back in regular session at 11:15 a.m. and addresses GWA GM Miguel Bordallo.

GM Bordallo states he is proposing Ratification FY01-2023 Relative to Authorizing the Ratification of Settlement Agreement and Release for litigation discuss during Executive Session. Commission Sanchez moves to Ratify FY01-2023 Relative to Authorizing the Ratification of Settlement Agreement and Release. Chairman Duenas second.

Vice Chairman called for further discussion. Chairman Duenas and Commissioner Limtiaco both replied no further discussion.

Vice Chairman calls for a roll-call vote. Chairman Duenas, aye; Commissioner Limtiaco, aye; Commissioner Sanchez, aye; Commissioner Santos, aye; and noted for the record that Commissioner Martinez is absent. Ratification passes with four Ayes.
[Aye = 4, Nay = 0, Absent = 1]

5. ADJOURNMENT

Vice Chairman Santos calls to adjourn the meeting. Commissioner Sanchez moves to adjourn; Commission Santos second. The meeting is adjourned at 11:16 a.m.

\\s\
Lourissa L. Gilman

Attested

JOSEPH T. DUENAS, Chairman

PEDRO ROY MARTINEZ, Secretary

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GM REPORT

August 2023

JOHN M. BENAVENTE, P.E.
General Manager
GUAM POWER AUTHORITY



Projected Generation Status

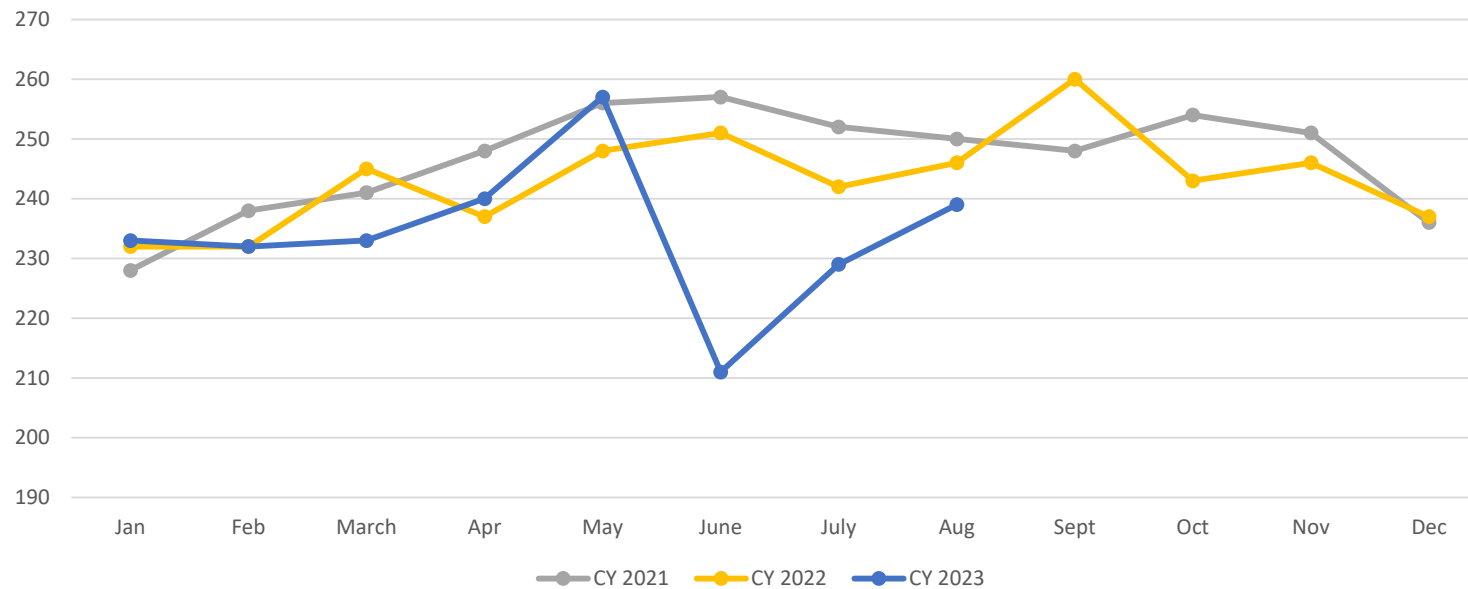
1. Reserve Margin Forecast for September 2023:

ASSUMES ALL BASE LOAD UNITS OPERATING:

PROJECTED AVAILABLE CAPACITY	301 MW
PROJECTED DEMAND	250 MW
PROJECTED RESERVE MARGIN	51 MW

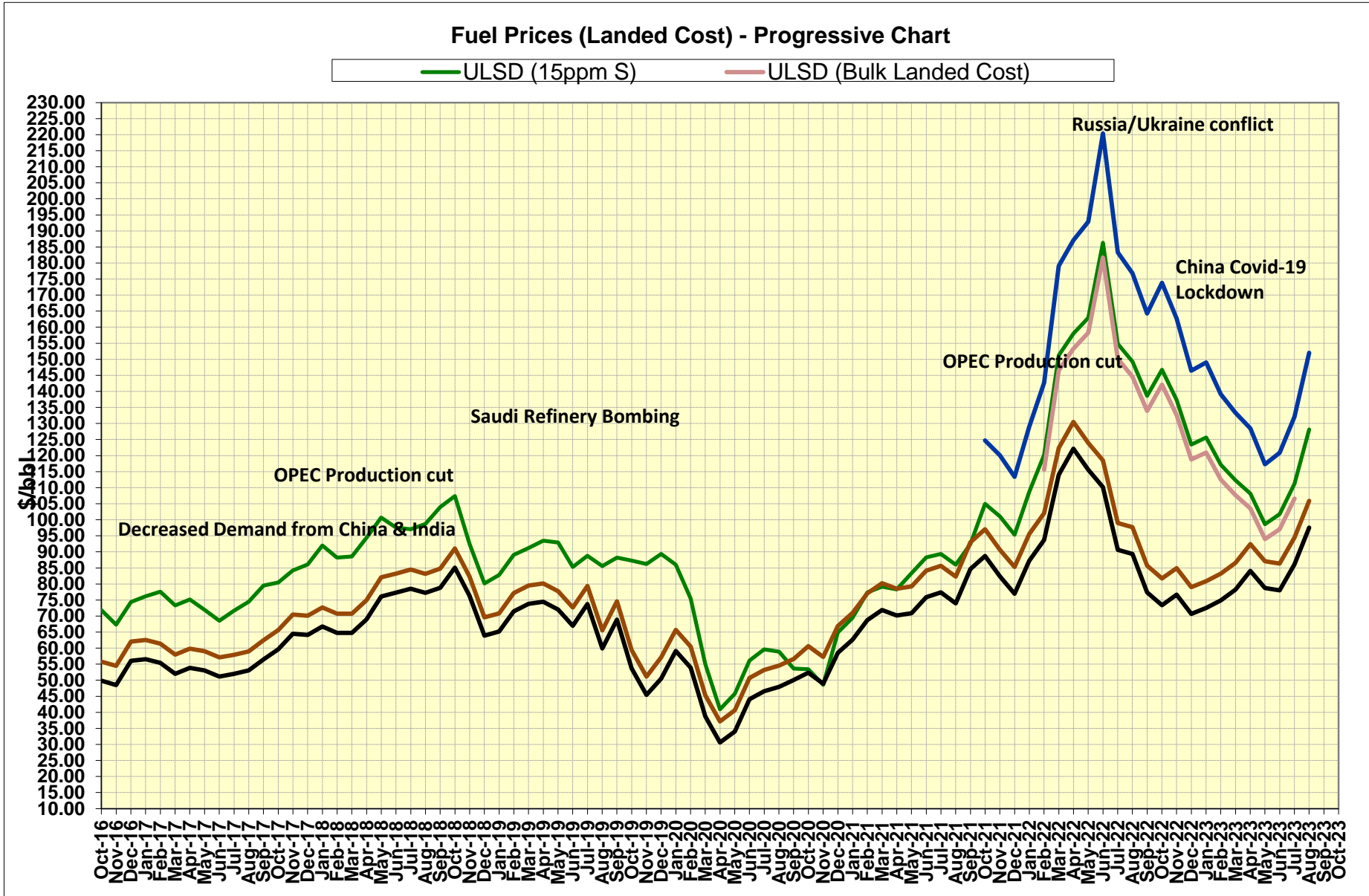
2. System Peak Demand:

MONTHLY PEAK DEMAND
Thru August 24th, 2023



GPA Fuel Landed Cost (Per Barrel) Monday, August 7, 2023

3. 0.2% ULSRFO 151.99; ULSD Bulk 123.51



General Manager's Report

4. PUC Update:

GPA Docket - Thursday, August 31, 2023 Upcoming Meeting

- GPA Docket 23-09, Petition Requesting Approval to Adjust the Power Pole Attachment Rate
- GPA Docket 23-15, Petition for Approval to Increase the Amount of Award for GPA's Physical Security Proof of Concept
- GPA Docket 23-19, Petition to Approve the Extension of Cabras 1 & 2 Power Plant Performance Management Contract
- GPA Docket 23-20, Petition to Procure a Hot Section Exchange & Generation Repair for Yigo CT
- GPA Docket 23-21, Petition to Approve the Purchases of Bucket Trucks

Pending Dockets:

GPA Docket 23-17, Petition to Approve the EPCM, Phase I, Liquefied Natural Gas (LNG) Pre-Development Study, Scope, and Costs

5. Customer Assistance :

Prugrãman Ayuda Para I Taotao-ta Energy Credit Extension (Public Law 37-16)

- July 2023: \$100 credit applied to 50,630 accounts on July 27, totaling \$5,226,500

Guam Homeowner Assistance Fund Program (HAF)

- \$76,215.87 was applied to qualified ratepayer accounts in July 2023 through August 21, 2023. [Batches 66-69]

Emergency Rental Assistance Program (ERA)

- \$193,973.77 was applied to qualified ratepayer accounts in July 2023 through August 21, 2023. [Batches 251-257]



Demand Side Management (DSM)

6. DSM Online Report - July 2023

OVERALL COUNTS

Month	ALL			COMMERCIAL			RESIDENTIAL		
	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates
Aug-22	217	315	\$ 61,375				217	315	\$ 61,375
Sep-22	479	668	\$ 134,700	7	12	\$ 1,950	472	656	\$ 132,750
Oct-22	474	694	\$ 139,825	4	9	\$ 1,450	470	685	\$ 138,375
Nov-22	514	707	\$ 140,150	10	14	\$ 1,500	504	693	\$ 138,650
Dec-22	480	656	\$ 132,175	5	5	\$ 950	475	651	\$ 131,225
Jan-23	398	531	\$ 106,175	1	1	\$ 150	397	530	\$ 106,025
Feb-23	385	565	\$ 110,525	7	9	\$ 1,400	378	556	\$ 109,125
Mar-23	487	720	\$ 140,500	16	32	\$ 4,450	471	688	\$ 136,050
Apr-23	379	528	\$ 106,150	3	4	\$ 750	376	524	\$ 105,400
May-23	398	582	\$ 121,100	4	7	\$ 1,600	394	575	\$ 119,500
Jun-23	404	538	\$ 111,250	5	8	\$ 1,700	399	530	\$ 109,550
Jul-23	625	820	\$ 169,425	3	3	\$ 1,400	622	817	\$ 168,025
TOTAL	5,240	7,324	\$ 1,473,350	65	104	\$ 17,300	5,175	7,220	\$ 1,456,050

CURRENT AVERAGE REBATE PER UNIT

Month	ALL		COMMERCIAL		RESIDENTIAL	
	Applications	Equipment	Applications	Equipment	Applications	Equipment
As of Jul-23	\$ 281	\$ 201	\$ 266	\$ 166	\$ 281	\$ 202

* DSM Online went live on 8/17/22. Figures for August 2022 are from 8/17 to 8/31 only.

* Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually.

* Paper applications are NOT INCLUDED with these counts.



Demand Side Management (DSM) - (Cont'd)

6. DSM Online Report - JULY 2023

COUNTS PER PROGRAM - RESIDENTIAL

MONTHS	ALL			RESIDENTIAL											
				Split A/C			Central A/C			Window A/C			Washer/Dryer		
	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates
Aug-22	217	315	\$ 61,375	192	287	\$ 57,375				15	16	\$ 1,600	10	12	\$ 2,400
Sep-22	472	656	\$ 132,750	404	577	\$ 120,350				29	34	\$ 3,400	39	45	\$ 9,000
Oct-22	470	685	\$ 138,375	413	619	\$ 127,075				19	19	\$ 1,900	38	47	\$ 9,400
Nov-22	504	693	\$ 138,650	432	608	\$ 123,450				16	18	\$ 1,800	56	67	\$ 13,400
Dec-22	475	651	\$ 131,225	407	570	\$ 117,325	1	1	\$ 500	21	26	\$ 2,600	46	54	\$ 10,800
Jan-23	397	530	\$ 106,025	351	477	\$ 96,625				10	12	\$ 1,200	36	41	\$ 8,200
Feb-23	378	556	\$ 109,125	330	495	\$ 98,625	1	1	\$ 500	12	20	\$ 2,000	35	40	\$ 8,000
Mar-23	471	688	\$ 136,050	406	603	\$ 122,250				25	32	\$ 3,200	40	53	\$ 10,600
Apr-23	376	524	\$ 105,400	329	469	\$ 95,500	1	1	\$ 500	11	14	\$ 1,400	35	40	\$ 8,000
May-23	394	575	\$ 119,500	356	533	\$ 112,000				8	9	\$ 900	30	33	\$ 6,600
Jun-23	399	530	\$ 109,550	337	462	\$ 98,050				19	21	\$ 2,100	43	47	\$ 9,400
Jul-23	622	817	\$ 168,025	543	723	\$ 152,225				27	30	\$ 3,000	52	64	\$ 12,800
TOTAL	5,175	7,220	\$ 1,456,050	4,500	6,423	\$ 1,320,850	3	3	\$ 1,500	212	251	\$ 25,100	460	543	\$ 108,600

* DSM Online went live on 8/17/22. August 2022 figures are from 8/17 – 8/31 only.

* Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually.

* Paper applications are NOT INCLUDED with these counts.



Demand Side Management (DSM) - (Cont'd)

6. DSM Online Report - JULY 2023

COUNTS PER PROGRAM - COMMERCIAL

MONTHS	ALL			COMMERCIAL											
				Split A/C			Central A/C			VRF A/C			Rooftop A/C		
	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates
Aug-22	-	-	\$ -												
Sep-22	7	12	\$ 1,950	7	12	\$ 1,950									
Oct-22	4	9	\$ 1,450	4	9	\$ 1,450									
Nov-22	10	14	\$ 1,500	10	14	\$ 1,500									
Dec-22	5	5	\$ 950	5	5	\$ 950									
Jan-23	1	1	\$ 150	1	1	\$ 150									
Feb-23	7	9	\$ 1,400	7	9	\$ 1,400									
Mar-23	16	32	\$ 4,450	16	32	\$ 4,450									
Apr-23	3	4	\$ 750	3	4	\$ 750									
May-23	4	7	\$ 1,600	4	7	\$ 1,600									
Jun-23	5	8	\$ 1,700	4	7	\$ 700	1	1	\$ 1,000						
Jul-23	3	3	\$ 1,400	2	2	\$ 250							1	1	\$ 1,150
TOTAL	65	104	\$ 17,300	63	102	\$ 15,150	1	1	\$ 1,000	-	-	\$ -	1	1	\$ 1,150

* DSM Online went live on 8/17/22. August 2022 figures are from 8/17 – 8/31 only.

* Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually.

* Paper applications are NOT INCLUDED with these counts.



General Manager's Report

7. New Power Plant Update: GPA Activities

Completed:

- ECA Amendment: Signed on March 17, 2021.
- Resolution on Section 106 process between Navy/SHPO/GPA (cultural process)
- Archaeological Inventory Survey of Ukudu Site
- Cultural Survey for boring scope fuel/water/power project areas (outside of plant)
- Baseline noise study for Piti 41 MW diesel generator plant site.
- Water Supply and Discharge Agreement signed.
- Approval of research design for boring of proposed site in Piti for diesel generator relocation
- Approval of Archaeological Monitoring & Discovery Plan for pipeline construction
- Public Law 36-91 was signed on 4/11/22 for exemption of construction of Reserve Facility in Piti.
- GHPO Concurrence of Section 106 of the bull cart trails
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- Geotechnical boring test report at the Piti site completed.
- GPA approves remaining Phase 5 & 6 construction permits.
- GPA obtains MEC specialist for construction support at Nimitz allowing excavation to resume on Nov. 1, 2022
- GPA obtains easement to avoid Chaot river area near Route 4 in Sinajana for pipeline construction.
- GPA provides notice to Navy of work starting on the bullcart trails along the pipeline route after Navy NEPA process.
- GPA obtains signage requirements for bullcart trails from Navy.
- CCU officially approves cancellation of Reserve Facility.
- Governor visits plant site on Feb. 2, 2023
- GPA obtains GEPA approval for Land Use Control Work Plan.
- GPA met with Mayor Paco and Mayor Sarvares to coordinate bullcart excavation in Harmon and Mongmong-Toto-Maite.
- PUC officially approves cancellation of Reserve Facility.
- GPA reviewed GUP's proposed pipeline construction plan for the Nimitz Hill Steep Section and provided comments to contractor.
- GPA received overview of commissioning plan from GUP commissioning team on Apr. 12, 2023.
- GPA obtains CCU approval for LNG Phase I pending PUC approval
- GPA met with GUP/DUP on Jun 7th, 2023 to discuss the impact of Typhoon Mawar and the actions required to mitigate the damage.
- GPA restored power to Ukudu Power Plant on Jun. 8, 2023.
- **GPA submitted response to GUP's Request for Compensation and Scheduling Accommodation on Jul. 31, 2023**

Critical Path & Risk Items

Delays on Permit Approvals

- Construction Permits
- NPDES Permit

Construction Mitigation

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



General Manager's Report

7. New Power Plant Update: GPA Activities (*continued*)

Ongoing / Pending:

- Archaeological & Cultural Requirements:
 - ✓ Archaeological monitoring for pipeline construction work (Chaot & Nimitz areas).
- Water & Wastewater Requirements:
 - ✓ Change of Law issues due to update GWA NPDES permit affecting discharge of wastewater from cooling system.
Follow-up with GWA on the NPDES permit modification.
- Construction Permit & Drawing Reviews:
 - ✓ Interconnection and pipeline design documents are being reviewed for approval.
- Reserve Facility:
 - ✓ **Reviewing draft ECA amendment provided by GUP**
- Other:
 - ✓ Monthly project reviews including Project Schedule.
 - ✓ Weekly meetings on contract items and ongoing construction activities and pending issues
 - ✓ Coordination with Navy on excavation activities for pipeline construction
 - ✓ Coordination with GUP/DUP on construction activities within Harmon Substation
 - ✓ **GPA preparing response to GUP force majeure claim.**
 - ✓ **GPA is reviewing GUP's 14.5 month commercial operation date extension request**
 - ✓ **GPA and GUP shall agree on a new commercial operation date by the end of September 2023**



General Manager's Report

7. New Power Plant Update: GUP Activities (contractor)

Typhoon Mawar Restoration:

- DUP structural engineer arrived on island Jun. 7th, 2023 to perform damage assessment.
- Switchgear and HRSG technical advisors arrived on island on Jun. 8th, 2023 to assess extent of the damage.
- GUP is requesting for a 14.5 month extension to the required Commercial Operation Date.
- GUP reviewing treated water tank demolition plan.
- Completed demolition of fire-water tank.
- **Siemens TA finished assessment of damaged switchgear. GUP awaiting final decision for repair/replacement**
- **Completed demolition of ULSD Tank B**

Completed:

- EPC Contract - Doosan
- Height Variance for Ukudu Site
- Financing Contracts Signed - Equity Bridge Loan in place. Senior loan requires air permit and land lease legislation for funds drawdown.
- Down payment to Siemens to secure Turbine Order (long lead item)
- Survey Maps for land lease recorded at Dept. of Land Management
- Phase I for Ukudu Plant construction permit approved. Foundation work is ongoing.
- GUP issues Notice to Proceed to EPC on May 31, 2022.
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- GEPA approves and issues Ukudu Air Permit on 7/20/22 during construction ground breaking ceremony.
- KEPCO/GUP achieves financial close on September 30, 2022.
- Obtained DPW heavy haul permit on Feb. 3, 2023
- Delivered letter to GPA for review requesting additional compensation for increased costs and delays.
- Completed all heavy haul transports on Apr. 24th, 2023.
- **Obtained permit approval for reuse water pipeline installation from DPW and GEPA.**

Ongoing / Pending:

Construction

- Power Plant - All 6 phases of plant building construction permits were issued by Oct. 2022.
- Pipeline -
 - Excavation and pipeline installation continues at Nimitz and within Tiyan along Route 8 towards airport.
 - Initiated additional work area along Cesario Street south of Sgt. Roy T. Damien.
 - **Resumed construction of the new pump house at the GPA bulk storage facility (Piti)**
 - **DUP is responding to DPW comments for Route 4 encroachment permit**
- Delivered proposal for Visitors Center to GPA for review.
- Transmission Line - design and material specifications under review. Anticipating construction early 2023 pending permit approval. Cleared area between Harmon Substation and Ukudu Plant for new transmission lines. **Resumed construction activities within Harmon Substation**



General Manager's Report

7. New Power Plant Update: GUP Activities (contractor, *continued*)

Ongoing / Pending: (*continued*)

Procurement

- initiating other equipment procurement

Existing Pipeline Cleaning & Demolition

- GPA continues to work with GEPA on a Land Use Control document regarding Route 16 (Airport) to Route 34 abandonment plan.

Reserve Facility

- Provided draft ECA amendment to GPA

Schedule Update

- **Plant and fuel pipeline continue to progress with concerns on potential schedule impact due to pipeline progress, heavy haul transport delay, and damage from Typhoon Mawar. GUP provided updated schedule to GPA's for review.**

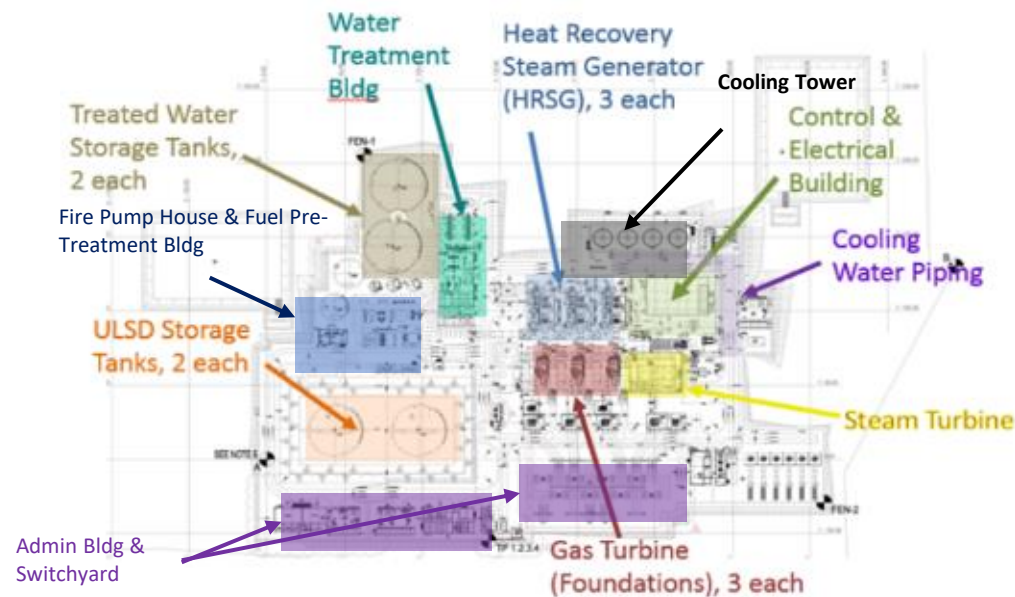
Transportation Logistics

- EPC continues to work with DPW on transport plan from Port to Ukudu site.
- Bridge analysis dictating required transport equipment.
- Temporary bridge delivered as required by DPW as backup for any bridge damage due to limited alternate routes in some areas.
- Transportation will take several hours over several days to move HRSG modules and will affect traffic during movement.
- Weekly meetings being held to discuss plans and requirements.
- 25 heavy cargo movements expected thru April 2023
- Demonstration of the Self-Propelled Modular Transporter (SPMT) was provided to DPW, GUP, DUP and GPA representatives on Oct. 27 at the Port.
- First heavy cargo shipment arrived on Guam on Nov. 2 which contains the 12 HRSG modules. It is being stored at the Port.
- Doosan team has hired media group to provide public outreach.
- Heavy haul transportation ongoing. First transport began Feb 4th.
- **Median restoration currently ongoing.**

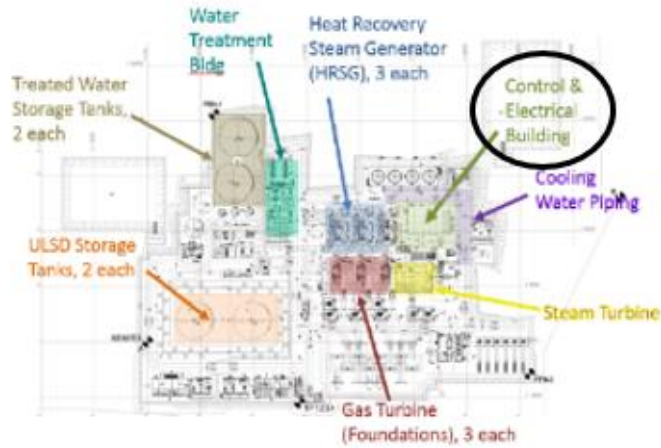


Ukudu Power Plant Construction Status

Typhoon Mawar restoration is ongoing. Demolition of the damaged tanks is underway. Additionally, the HVAC ducts on the third floor of the Control and Electrical Building have been repaired. Some minor condensation was observed within the medium voltage and 480 electrical switchgear. The STG building experienced slight misalignment in a few columns and has been realigned.



Ukudu Power Plant Construction Status



Control & Electrical Building – Exterior side nearly complete



Sticker indicating water inside medium voltage protective relays



2nd floor- Switchgear installation ongoing

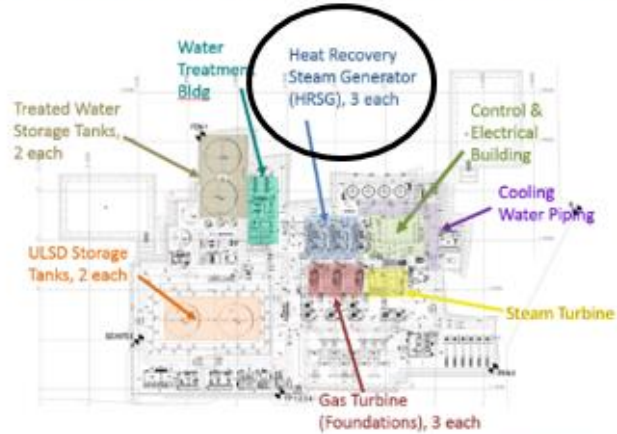


3rd floor – Cable tray installation ongoing



Ukudu Power Plant Construction Status

Heat Recovery Steam Generator (HRSG)

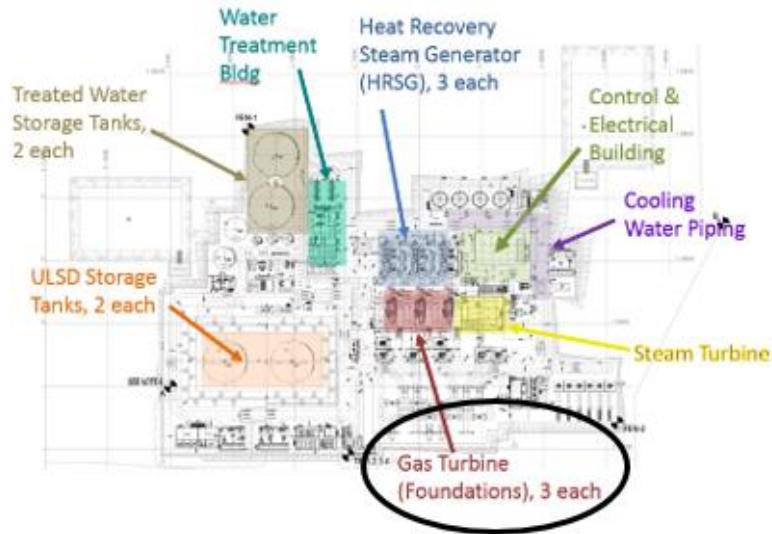


HRSG 1-3: Platform installation ongoing



Ukudu Power Plant Construction Status

Gas Turbines & Generators



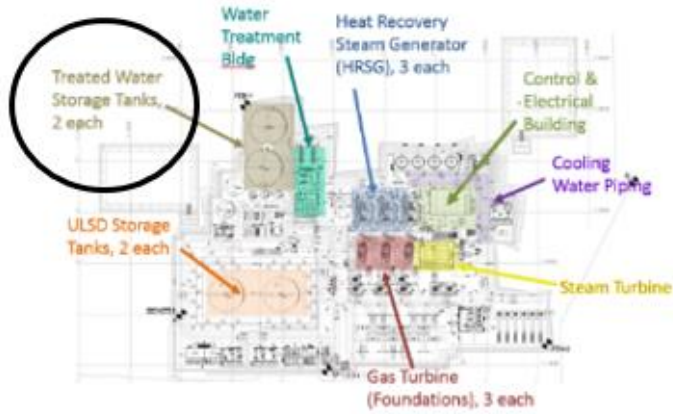
GTG Building – Exterior siding installation ongoing



GTG 1-3: Installation of GTG 1-3 ongoing. Currently repairing starting motor for GTG 1



Ukudu Power Plant Construction Status

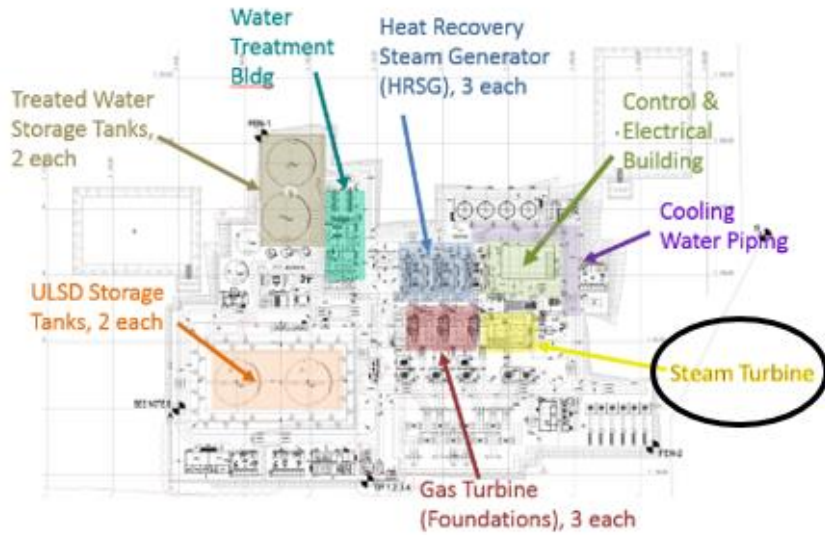


Treated Water Storage Tank 2 – Demolition will begin after ULSD tanks are demolished

Treated Water Storage Tank 1 – Demolition will begin after ULSD tanks are demolished



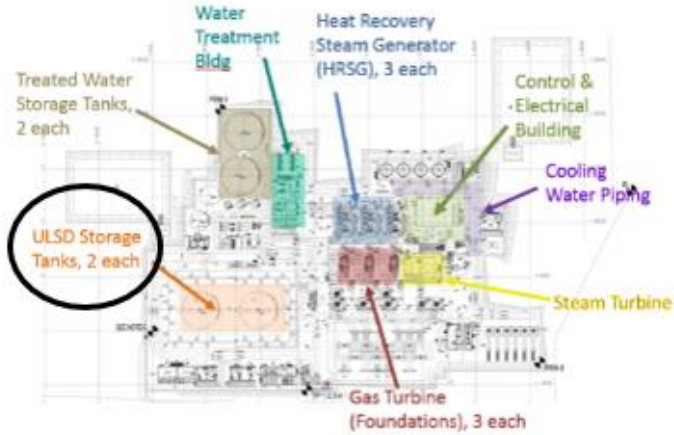
Ukudu Power Plant Construction Status



Steam Turbine & Generator – Turbine, generator and condenser installation is ongoing



Ukudu Power Plant Construction Status



ULSD Storage Tank A – Demolition is ongoing



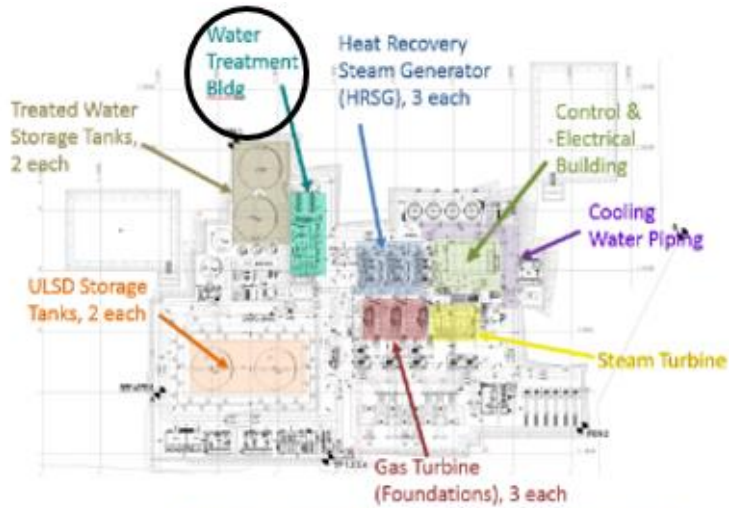
ULSD Storage Tank B – Demolition is ongoing



Tank foundations do not require repair



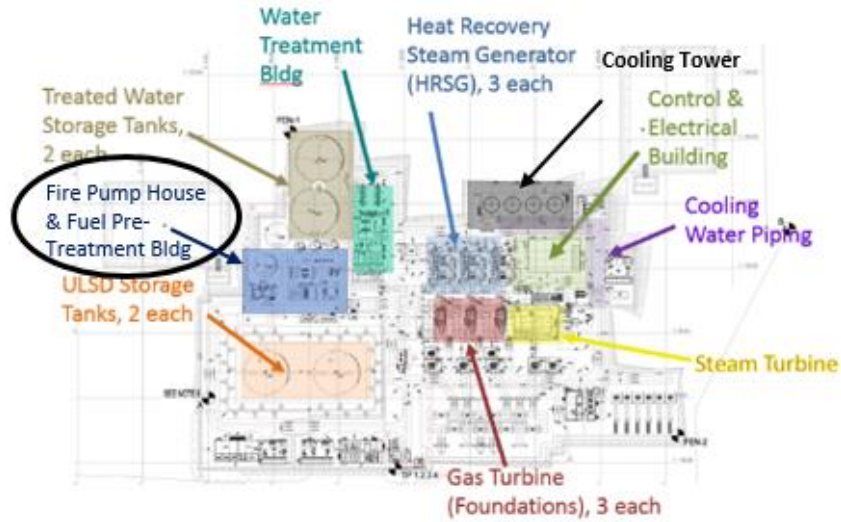
Ukudu Power Plant Construction Status



Water Treatment Building – Installation of EDI units is ongoing.



Ukudu Power Plant Construction Status



Fire Pump House – Concrete forms in place



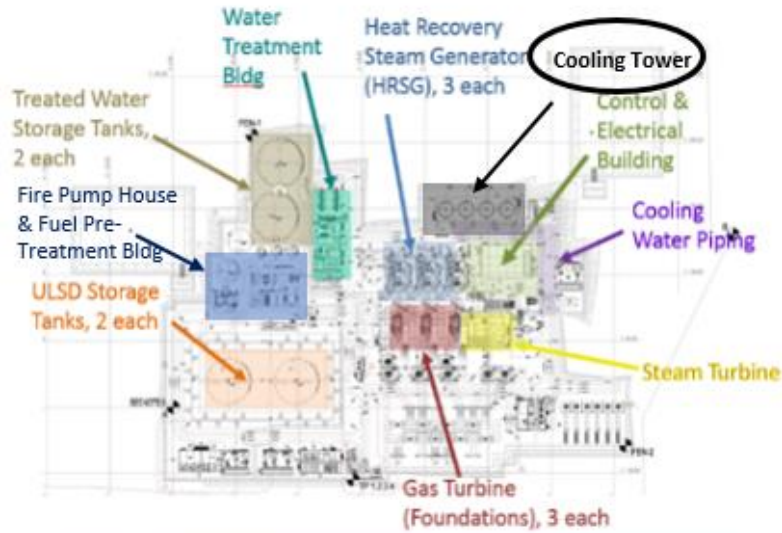
Fire-Water Tank – Demolition completed.



Demineralized Water Tanks – Welding ongoing



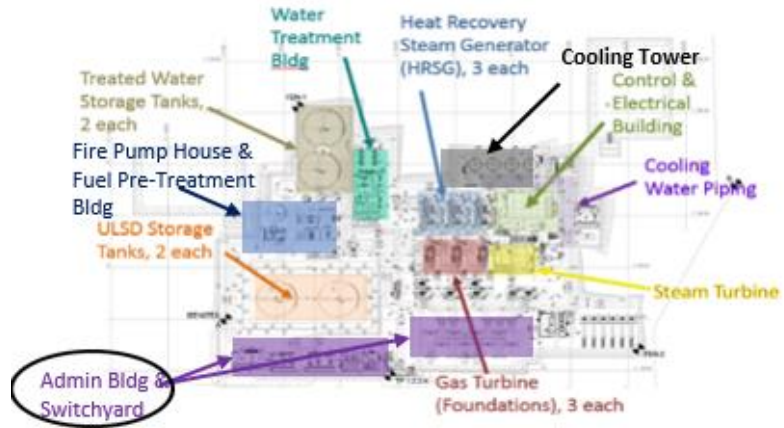
Ukudu Power Plant Construction Status



Cooling Tower & Basin – Assembly of inner structure supports ongoing



Ukudu Power Plant Construction Status



Admin Building – Rebar bent slightly.



Switchyard – Construction of static line fixtures underway



Ukudu Power Plant Construction Status *Off-Shore Progress* ²³

Major achievements include shipment of Gas Turbine BOP equipment, STG piping material, and HRSG attemperator. Other progress is shown below:



Steam Turbine Generator – Packing piping supports for shipping



Waste Water Treatment System –
Manufactured Chemical Dosing Skid



Waste Water Treatment – Packing UF unit for shipping



Waste Water Treatment System – Packing RO unit for shipping

Ukudu Power Plant - Transportation

Transportation & installation of the following heavy cargo requiring SPMT movement is completed:

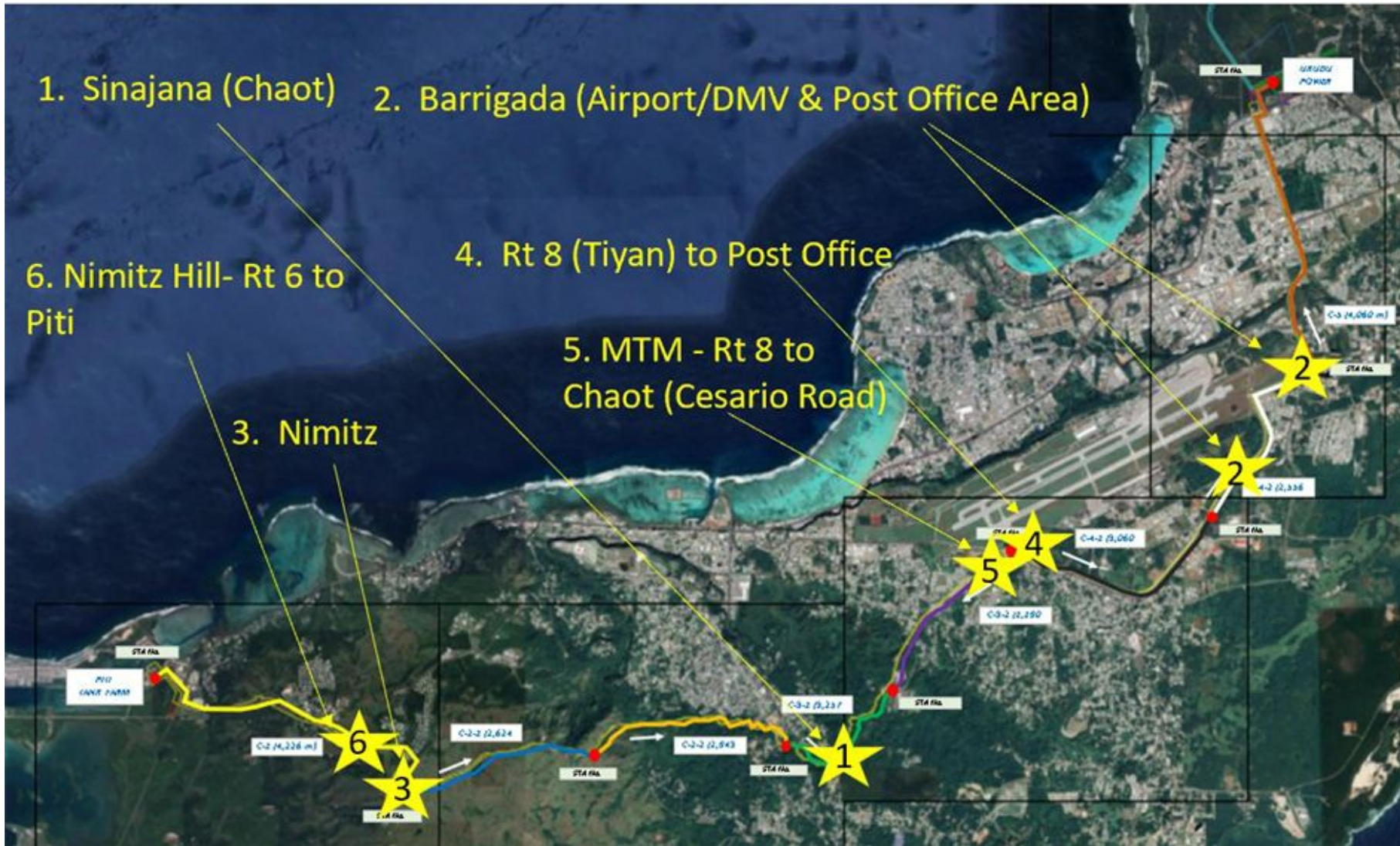
- Heat Recovery Steam Generator (HRSG) Modules (3 units x 4 modules = 12 pieces)
- Gas Turbine #1, GT #1 Generator
- Gas Turbine #2, GT #2 Generator
- Gas Turbine #3, GT #3 Generator
- Generator Transformers for GTG #1, #2, #3
- Assembled Steam Turbine IP/LP, Hydraulic Power Unit, Condenser

Remaining Transportation Work:

Median restoration is nearly complete with one remaining near Two Lovers Point



Fuel Pipeline Construction Status



Fuel Pipeline Construction Status

1. Sinajana/Chaot area

Excavation completed on east side of Chaot bridge.



2. Barrigada

Placing bedding sand in trench behind Barrigada Post Office



Fuel Pipeline Construction Status

3. Nimitz Hill

Above ground pedestal installation and pipeline tests are ongoing.



4. Rt 8 (Tiyan) to Post Office

Site restoration ongoing. Final backfilling in progress.



Fuel Pipeline Construction Status

5. MTM - Rt 8 to Chaot (Cesario St.)

Final backfilling in progress



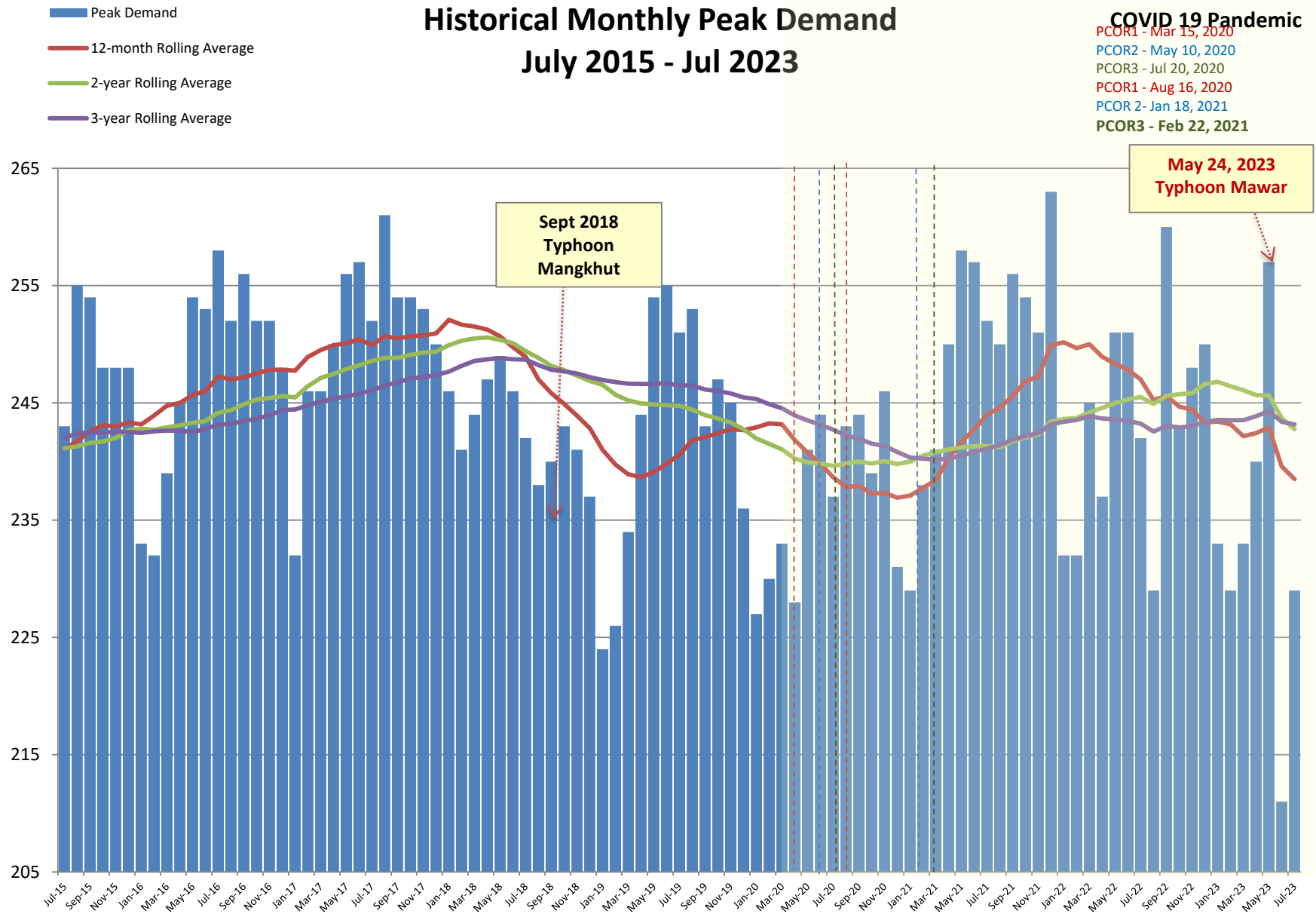
6. Nimitz Hill- Rt 6 to Piti

Flowable fill pouring and bedding sand compaction in progress



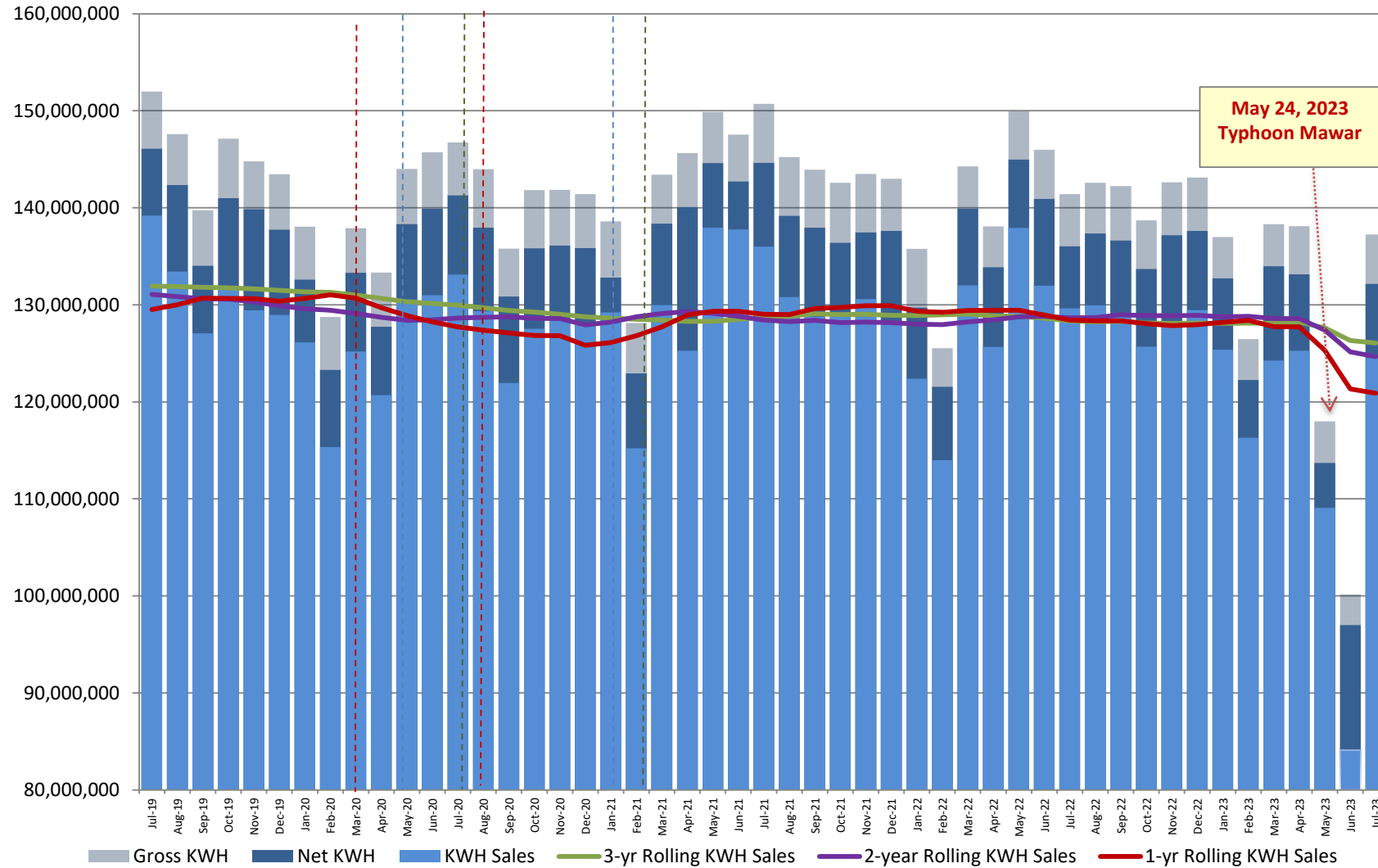
8. Generation KPIs Update JULY 2023





Historical KWH Sales Jul 2019 - Jul 2023

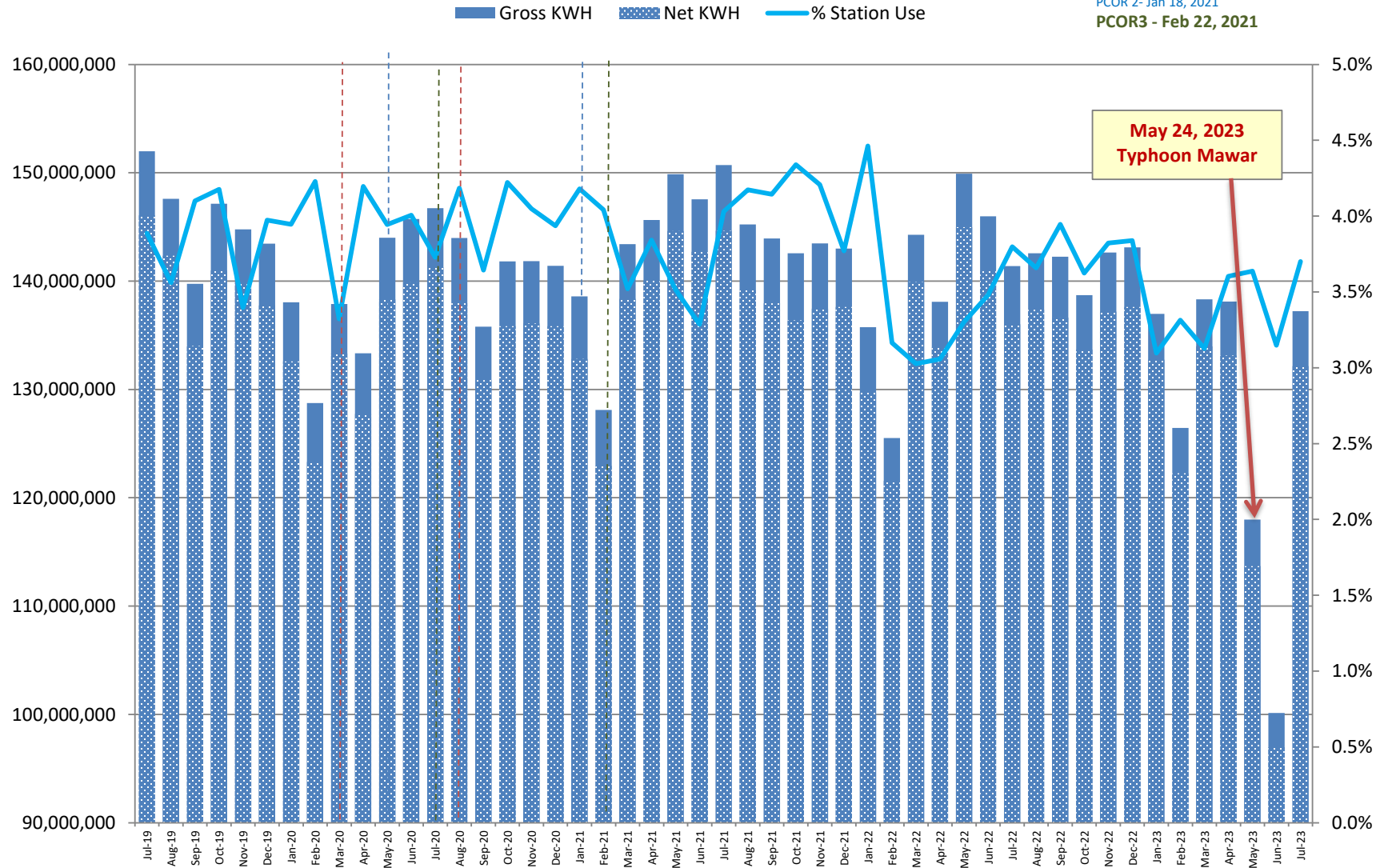
COVID 19 Pandemic
 PCOR1 - Mar 15, 2020
 PCOR2 - May 10, 2020
 PCOR3 - Jul 20, 2020
 PCOR1 - Aug 16, 2020
 PCOR2 - Jan 18, 2021
 PCOR3 - Feb 22, 2021



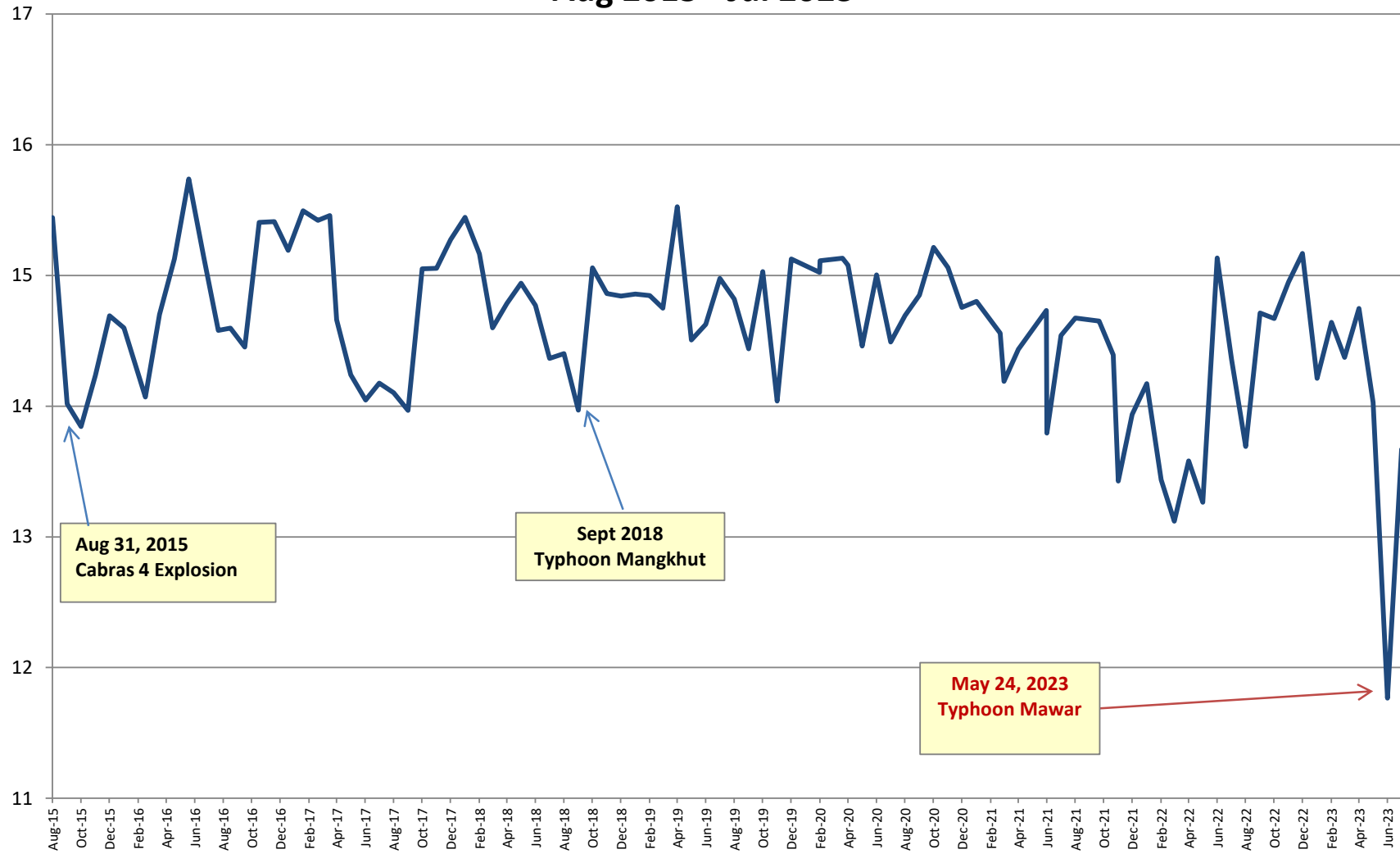
Gross and Net Generation (KWH) Jul 2019 - Jul 2023

COVID 19 Pandemic

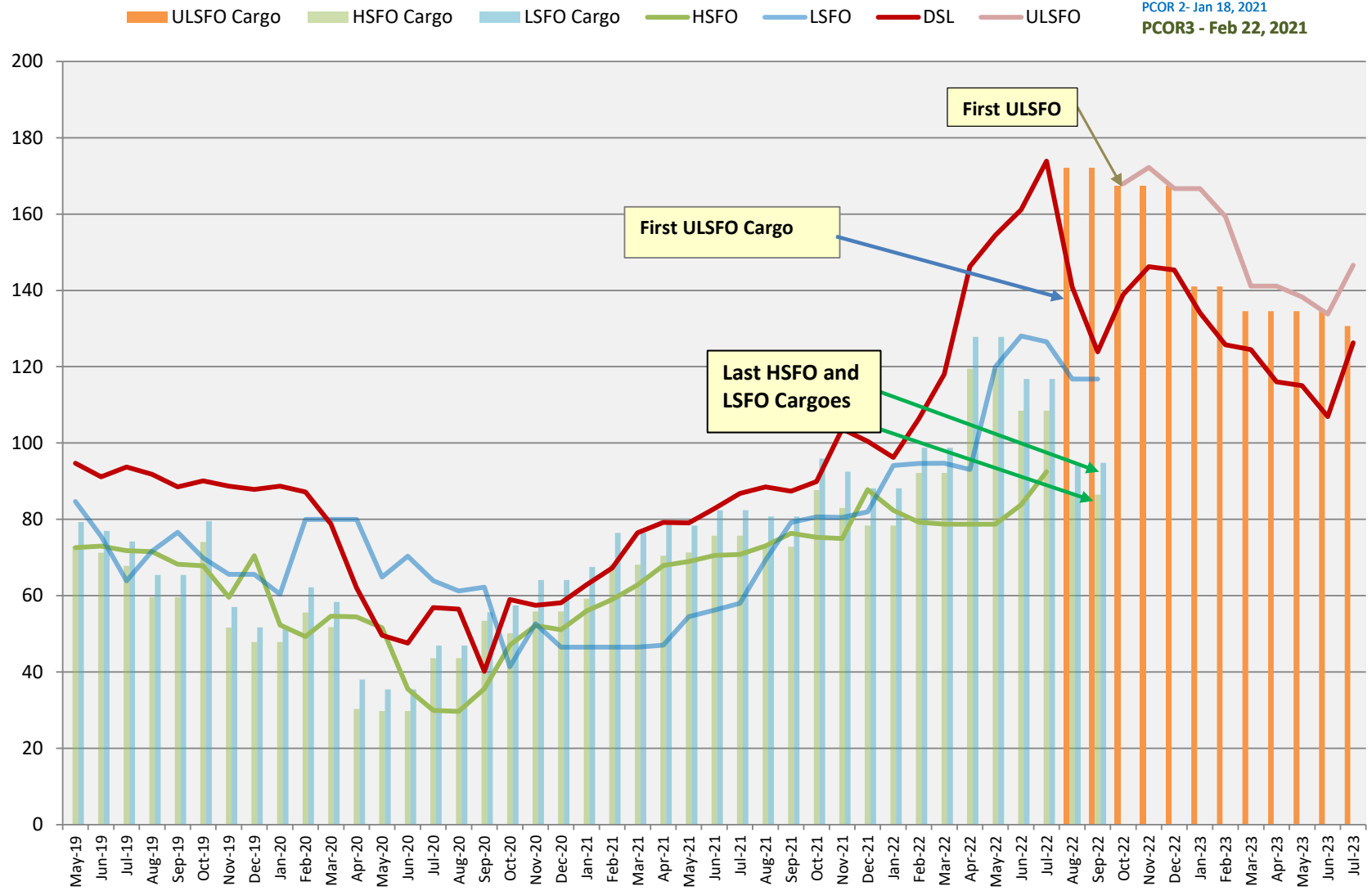
- PCOR1 - Mar 15, 2020
- PCOR2 - May 10, 2020
- PCOR3 - Jul 20, 2020
- PCOR1 - Aug 16, 2020
- PCOR 2- Jan 18, 2021
- PCOR3 - Feb 22, 2021



SYSTEM GROSS HEAT RATE (KWH/Gal) Aug 2015 - Jul 2023



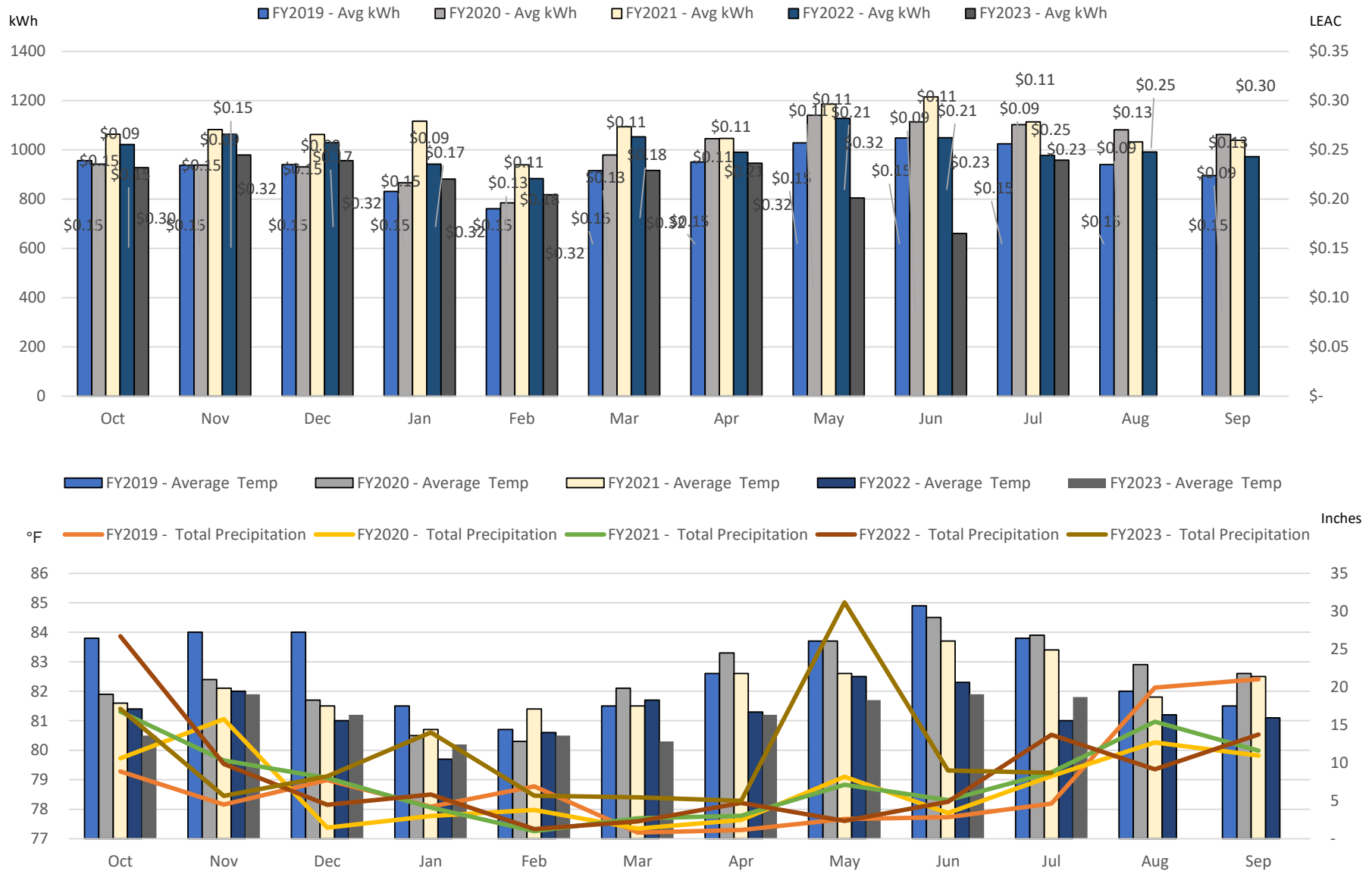
Fuel Cargo and Fuel Consumption Costs (\$/bbl) April 2019 - Jul 2023



9. CFO FINANCIAL HIGHLIGHTS JULY 2023



Residential average kWh & Weather Chart



Residential average kWh & LEAC Rate

Avg kWh	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 2019	957	938	940	831	761	915	951	1,028	1,048	1,025	940	896
FY2020	942	938	931	867	785	979	1,046	1,140	1,114	1,103	1,081	1,062
FY2021	1,064	1,083	1,062	1,117	939	1,094	1,046	1,186	1,215	1,114	1,032	1,038
FY2022	1,021	1,063	1,030	942	883	1,053	991	1,128	1,050	977	992	972
FY2023	928	979	956	882	818	917	946	805	661	958		

LEAC Rate	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 2019	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542
FY2020	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1345	\$ 0.1345	\$ 0.1100	\$ 0.1100	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.0868
FY2021	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1304	\$ 0.1304
FY2022	\$ 0.1508	\$ 0.1508	\$ 0.1715	\$ 0.1715	\$ 0.1808	\$ 0.1808	\$ 0.2095	\$ 0.2095	\$ 0.2095	\$ 0.2516	\$ 0.2516	\$ 0.2960
FY2023	\$ 0.2960	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.2311	\$ 0.2311		

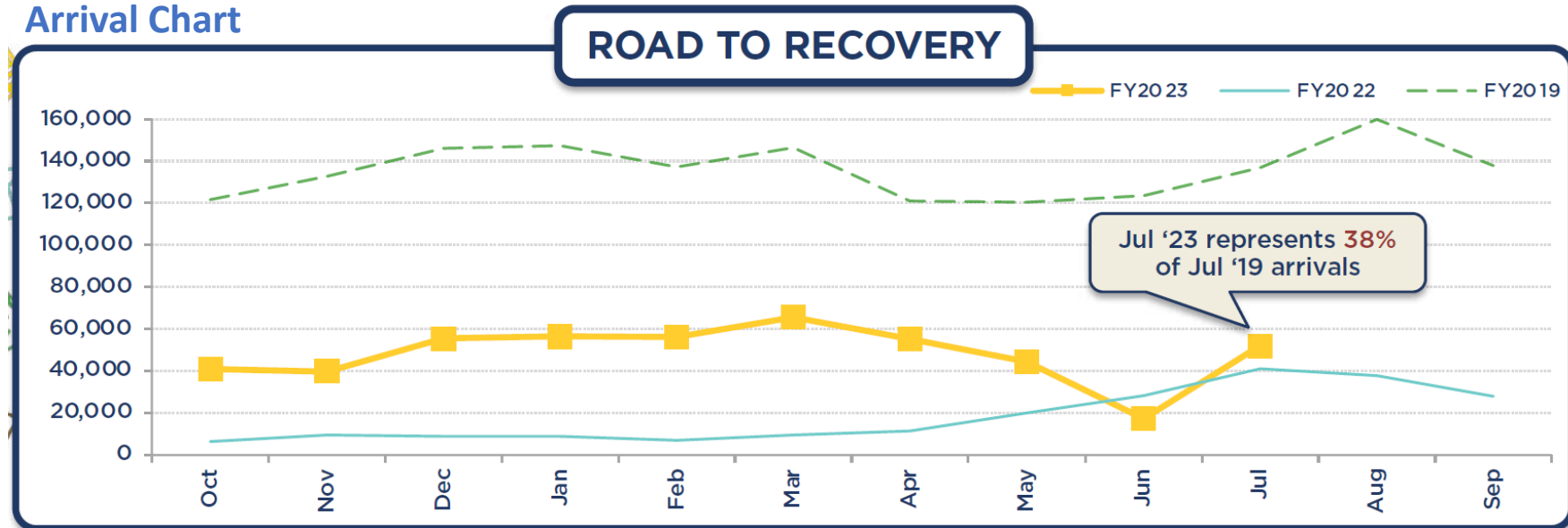


Hotel kWh & Occupancy Rate

mWh Hotels	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	10,826	10,628	10,494	10,175	8,965	9,443	10,565	10,741	10,066	11,494	10,170	10,397
FY2020	10,316	9,801	10,508	9,848	9,627	8,319	7,044	6,826	7,309	7,645	7,520	7,063
FY2021	7,045	7,379	7,596	6,973	6,270	6,863	7,326	7,152	7,521	7,841	7,906	7,560
FY2022	6,973	7,346	7,041	6,921	6,419	6,964	6,850	7,451	7,683	7,959	8,071	7,821
FY2023	7,802	7,921	8,251	8,031	7,542	7,950	7,859	7,176	6,101	8,538		

Occupancy Rat	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	85.9	85.9	85.9	91.4	91.4	91.4	84.8	84.8	84.8	92.0	92.0	92.0
FY2020	89.9	89.9	89.9	73.7	73.7	73.7	34.7	34.7	34.7	27.1	27.1	27.1
FY2021	38.7	38.7	38.7	51.4	51.4	51.4	41.3	41.3	41.3	52.4	52.4	52.4
FY2022	45.9	45.9	45.9	56.0	56.0	56.0	54.0	54.0	54.0	66.8	66.8	66.8
FY2023	59.7	59.7	59.7	67.4	67.4	67.4	60.0	60.0	60.0			

Arrival Chart

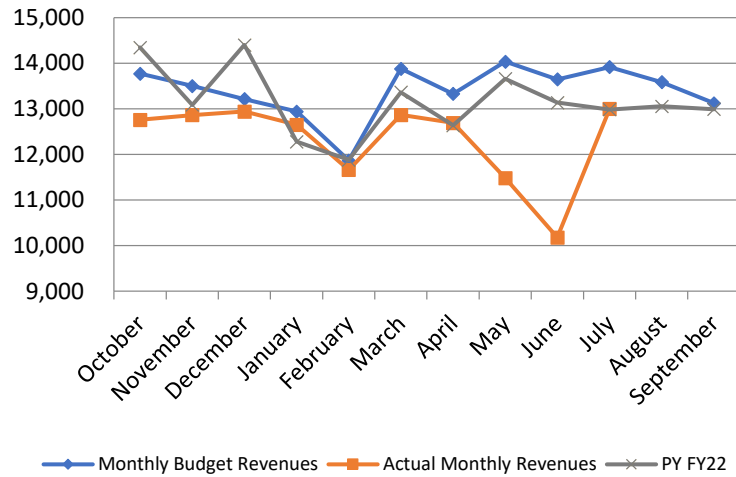


Note: Data from 22 hotels in schedule P. 1 hotel closed its doors on Oct. 2021. Occupancy rate and Road to Recovery is from GVB Visitor Arrival Statistic.



July 2023 Monthly Financial Highlights

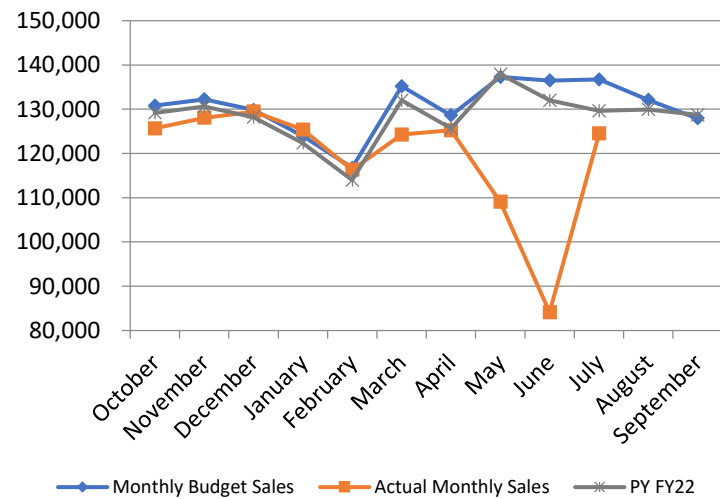
Base Rate Revenue (in '000)



Through July 31, 2023

	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY22	CY vs PY Variance	
	\$000	\$	\$				
October	13,769	\$ 12,757	\$ (1,013)	↓	\$ 14,345	\$ (1,589)	↓
November	13,500	12,861	(638)	↓	13,085	(223)	↓
December	13,214	12,940	(274)	↓	14,396	(1,456)	↓
January	12,939	12,651	(288)	↓	12,278	374	↑
February	11,866	11,660	(206)	↓	11,879	(219)	↓
March	13,880	12,865	(1,014)	↓	13,364	(498)	↓
April	13,329	12,691	(638)	↓	12,636	55	↑
May	14,033	11,484	(2,549)	↓	13,661	(2,177)	↓
June	13,646	10,178	(3,468)	↓	13,134	(2,956)	↓
July	13,916	12,997	(919)	↓	12,983	15	↑
August	13,585				13,056		
September	13,122				12,992		
Total	\$ 160,800	\$ 123,085	\$ (11,007)		\$ 157,808	\$ (8,675)	

MWH Sales (in 'mWh)



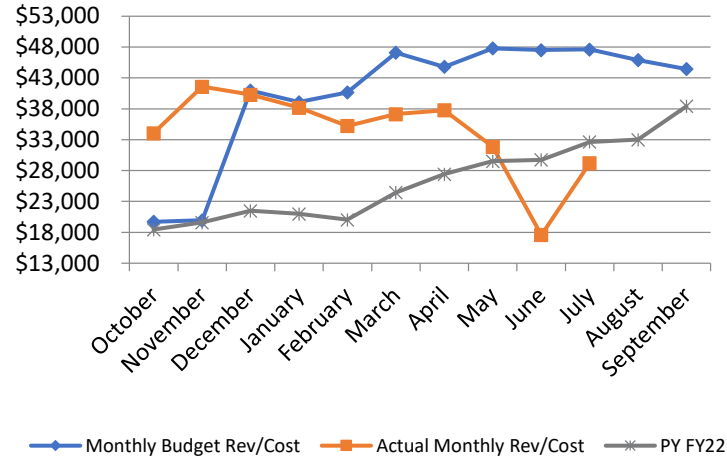
Through July 31, 2023

	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY22	CY vs PY Variance	
	mwh						
October	130,810	125,672	(5,138)	↓	129,175	(3,502)	↓
November	132,251	128,077	(4,174)	↓	130,597	(2,520)	↓
December	129,828	129,439	(389)	↓	128,204	1,235	↑
January	123,917	125,368	1,451	↑	122,367	3,001	↑
February	116,767	116,289	(477)	↓	113,980	2,310	↑
March	135,211	124,254	(10,957)	↓	131,984	(7,730)	↓
April	128,610	125,257	(3,353)	↓	125,661	(404)	↓
May	137,272	109,061	(28,211)	↓	137,915	(28,854)	↓
June	136,470	84,097	(52,372)	↓	131,980	(47,882)	↓
July	136,715	124,518	(12,197)	↓	129,637	(5,119)	↓
August	132,084				129,938		
September	127,916				128,721		
Total	1,567,850	1,192,033	(115,817)		1,540,160	(89,467)	



July 2023 Monthly Financial Highlights (Continued)

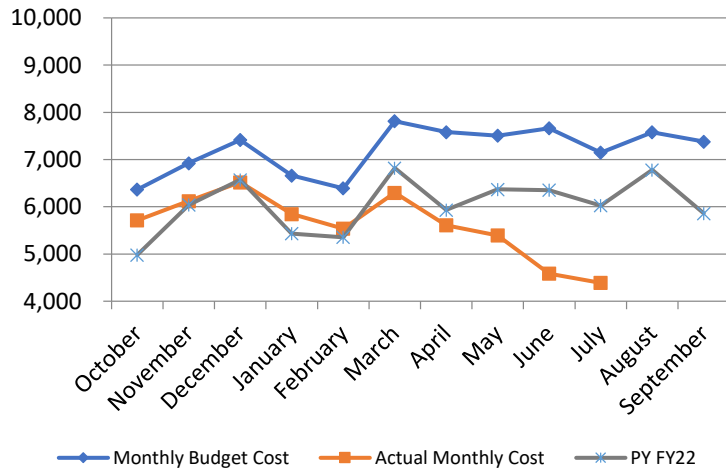
Fuel Revenues (in '000)



Through July 31, 2023

	Monthly Budget \$000	Actual Monthly Rev/Cost	Variance		PY FY22	CY vs PY Variance	
October	\$ 19,726	\$ 34,062	14,336	↑	\$ 18,431	15,631	↑
November	19,943	41,593	21,650	↑	19,600	21,993	↑
December	40,967	40,281	(686)	↓	21,475	18,806	↑
January	39,102	38,205	(897)	↓	20,978	17,227	↑
February	40,669	35,217	(5,453)	↓	20,043	15,173	↑
March	47,094	37,143	(9,950)	↓	24,465	12,678	↑
April	44,794	37,773	(7,021)	↓	27,433	10,340	↑
May	47,811	31,867	(15,945)	↓	29,517	2,350	↑
June	47,532	17,560	(29,972)	↓	29,731	(12,171)	↓
July	47,617	29,194	(18,423)	↓	32,646	(3,452)	↓
August	45,916				32,999		
September	44,467				38,433		
Total	\$ 485,639	\$ 342,895	\$ (52,360)		\$ 315,753	\$ 98,575	

O&M Costs (in '000)



Through July 31, 2023

	Monthly Budget \$000	Actual Monthly Cost	Variance		PY FY22	CY vs PY Variance	
October	6,367	5,712	(655)	↑	4,979	733	↓
November	6,923	6,120	(802)	↑	6,039	82	↓
December	7,415	6,518	(898)	↑	6,569	(52)	↑
January	6,663	5,846	(817)	↑	5,434	412	↓
February	6,392	5,537	(855)	↑	5,353	184	↓
March	7,814	6,298	(1,517)	↑	6,818	(521)	↑
April	7,582	5,610	(1,972)	↑	5,931	(321)	↑
May	7,508	5,395	(2,113)	↑	6,369	(975)	↑
June	7,665	4,585	(3,080)	↑	6,353	(1,768)	↑
July	7,148	4,390	(2,758)	↑	6,028	(1,638)	↑
August	7,578				6,779		
September	7,380				5,859		
Total	\$ 86,435	\$ 56,010	\$ (15,466)		\$ 72,512	\$ (3,864)	



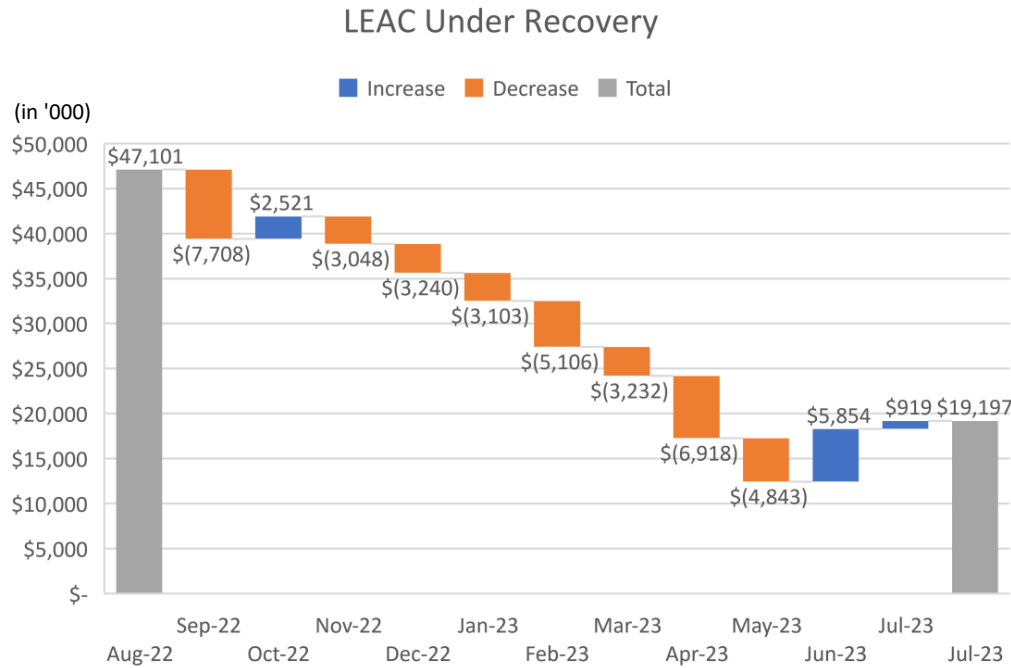
July 2023 Monthly Financial Highlights (Continued)

Through July 31, 2023													
	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022	3Q2022	4Q2022	1Q2023	2Q2023	3Q2023	4Q2023
Residential	44,191	44,503	44,575	45,247	45,229	45,224	45,283	45,261	45,315	45,370	45,417	45,453	45,015
Commercial	5,366	5,301	5,307	5,330	5,336	5,349	5,367	5,368	5,373	5,425	5,473	5,436	5,411
Government	1,081	1,063	1,060	1,049	1,056	1,069	1,077	1,079	1,087	1,088	1,108	1,112	1,106
Streetlights	1,132	1,133	1,132	1,132	1,131	1,160	1,158	1,156	1,163	1,167	1,167	1,165	1,159
Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	51,771	52,001	52,075	52,759	52,753	52,803	52,886	52,865	52,939	53,051	53,166	53,167	52,692

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021	2022	2023
Senior lien coverage	2.53	1.78	1.42	1.54	1.87	1.65
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	1.65	1.46	1.23	1.49	1.87	1.65



July 2023 Monthly Financial Highlights (Continued)



Through July 31, 2023				
	LEAC		(Over)/Under	Under
	\$000	Revenue	Fuel Cost	Recovery
				Balance
October	\$ 34,062	\$ 36,583	2,521	\$ 41,914
November	41,593	\$ 38,545	(3,048)	\$ 38,866
December	40,281	\$ 37,041	(3,240)	\$ 35,626
January	38,205	\$ 35,102	(3,103)	\$ 32,523
February	35,217	\$ 30,111	(5,106)	\$ 27,417
March	37,143	\$ 33,911	(3,232)	\$ 24,185
April	37,773	\$ 30,855	(6,918)	\$ 17,267
May	31,867	\$ 27,024	(4,843)	\$ 12,424
June	17,560	\$ 23,414	5,854	\$ 18,278
July	29,194	\$ 30,113	919	\$ 19,197
August				
September				
Total	\$ 342,895	\$ 322,699	\$ (20,196)	



Typhoon Mawar Report & Recommendations

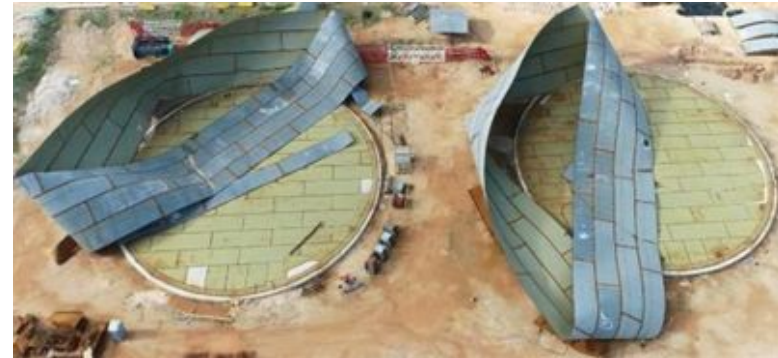


Typhoon Mawar: Updates

Typhoon Mawar impact and damage assessment report was presented to the CCU at its July 2023 meeting. This report serves to update the Commission on recent activities and information.

GENERATION

- Yigo 20 MW Combustion Turbine
 - FEMA representatives are scheduled to inspect the typhoon damaged components this week.
 - The generator rotor is scheduled to be shipped to Texas this week.
 - Return to service anticipated no later than December 31, 2023.
- Ukudu Power Plant
 - GPA is preparing to discuss the impact of the typhoon on the consent decree datelines which includes the retirement of Cabras 1&2. GPA does not have adequate generation capacity to retire Cabras any earlier than after commissioning of Ukudu.



TRANSMISSION & DISTRIBUTION

- Emergency Work Clearances (EWC)
 - Approximately 400 emergency clearances were issued to customers but remain outstanding. Delay of completed inspection/clearances may be due to customers awaiting approved typhoon claims.
 - GPA will be requesting DPW's to extend permission for licensed professional engineers to inspect and sign off on repair work to weather heads and similar components damaged by Typhoon Mawar.
- Streetlights
 - Repair/replacement of storm-damaged streetlights is substantially complete



Typhoon Mawar: Updates

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STANDBY GENERATORS (Water Systems Diesel)

- GPA is focused on the following to address concerns and issues from recent Typhoon Mawar:
 - Work with GWA on finalizing and prioritizing sites to replace aged, damaged, or deteriorating units, install new units or upgrade units to meet site requirements
 - Continue to perform repairs on down units that can be repaired and perform required preventive maintenance
 - Evaluate parts listing and inventory to ensure adequate stock of spare parts
 - Evaluate and recruit necessary manpower to support activities
 - Purchase fuel tanker truck(s) to support refueling requirements
 - Assess site structures for improvements to minimize water intrusion
 - Initiate contracts to enclose “open” sites
 - Pursue FEMA mitigation funding
- The report and recommendations are being prepared and targeted to be provided by October 2023 CCU meeting.

Photo (right) shows generator damage due to severe flooding during Typhoon Mawar.

Post-typhoon inspections revealed the flooding engulfed the generator, controls, and other components.



Typhoon Mawar: Updates (continued)

FEMA COLLABORATION

- Claims
 - The GPA team, lead by Engineering Manger, is in frequent communication with FEMA regarding Section 406 (Public Assistance) eligible work resulting from Typhoon Mawar damage
- Mitigation & Resiliency Projects
 - GM and GPA teams have met with several FEMA teams to discuss other projects qualified under various FEMA programs
 - Proposed energy projects support other critical infrastructure, community resiliency, and military mission readiness
 - Additional FEMA representatives are scheduled for onsite visits with GPA teams

OTHER FEDERAL COLLABORATION

- Discussions with several federal partners concerning priority and funding for energy mitigation and resiliency projects including:
 - Undergrounding transmission lines
 - Water well and wastewater generators
 - Undergrounding distribution lines
 - Critical GPA communications infrastructure
 - General communication core sites
 - Emergency/temporary power

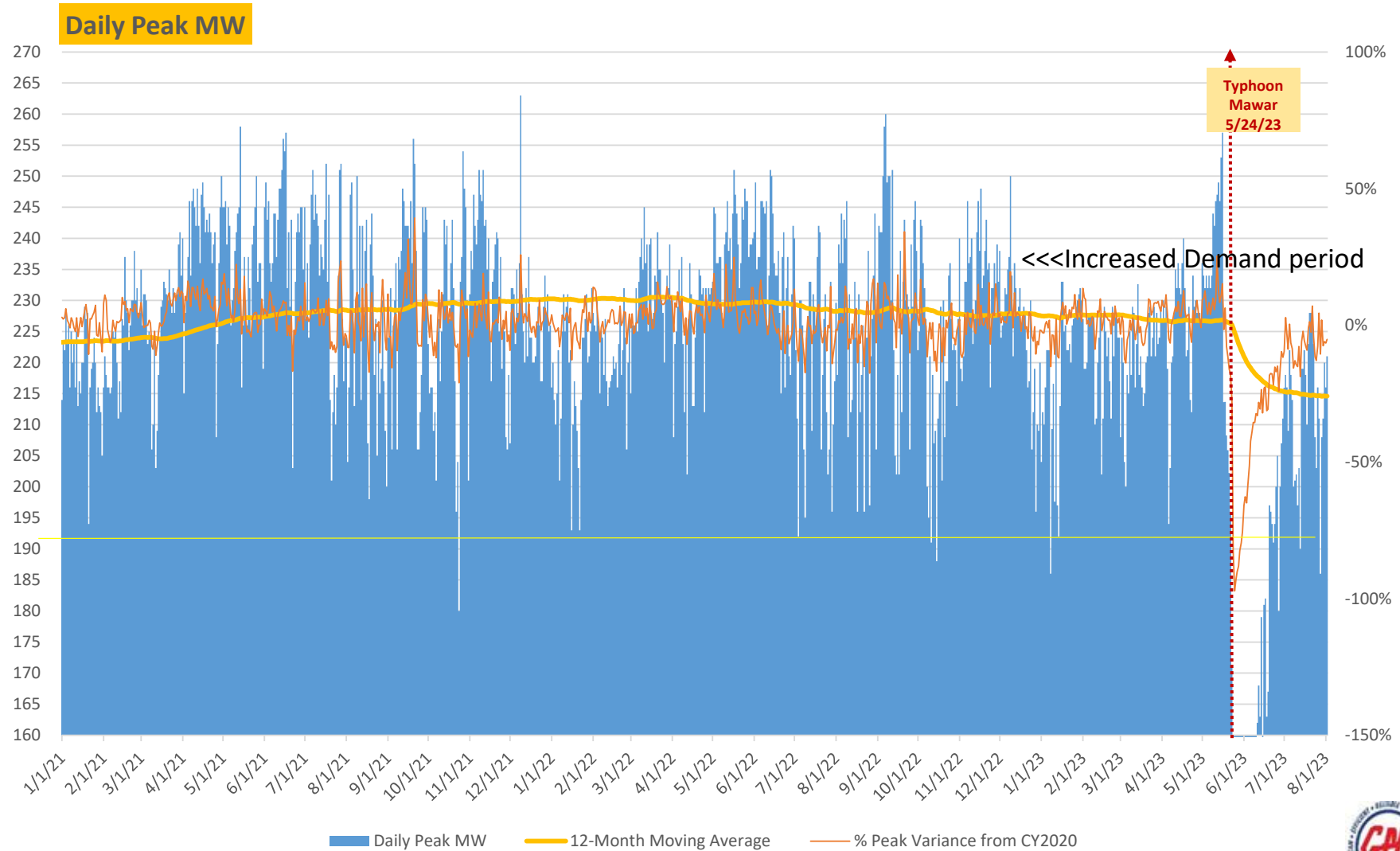


Generation Capacity Shortfall (Load-Shedding)



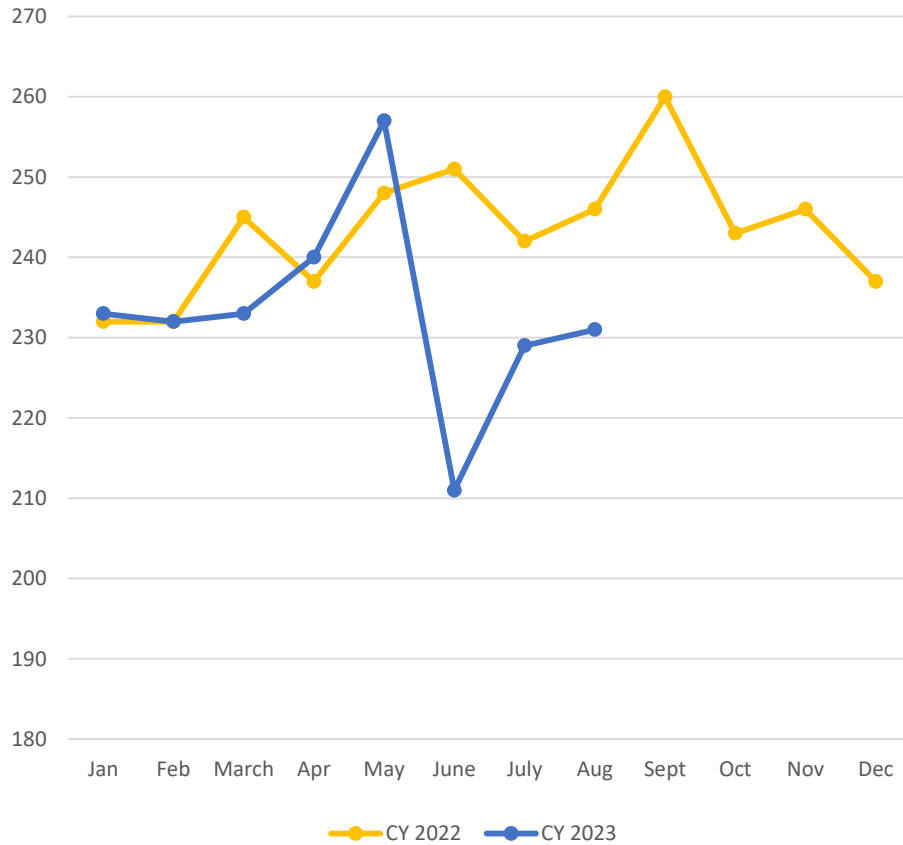
Generation Capacity Shortfall (Load Shedding)

Graph shows Peak Demand increase between September thru December

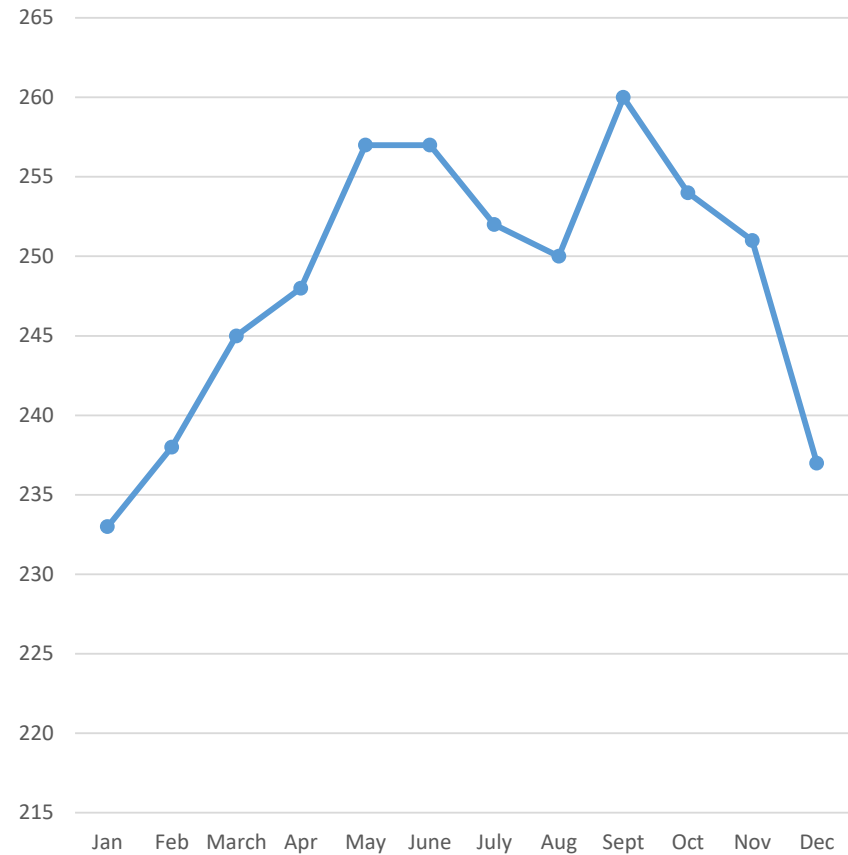


Generation Capacity Shortfall: Demand

**PEAK MW DEMAND
THRU AUGUST 18, 2023**

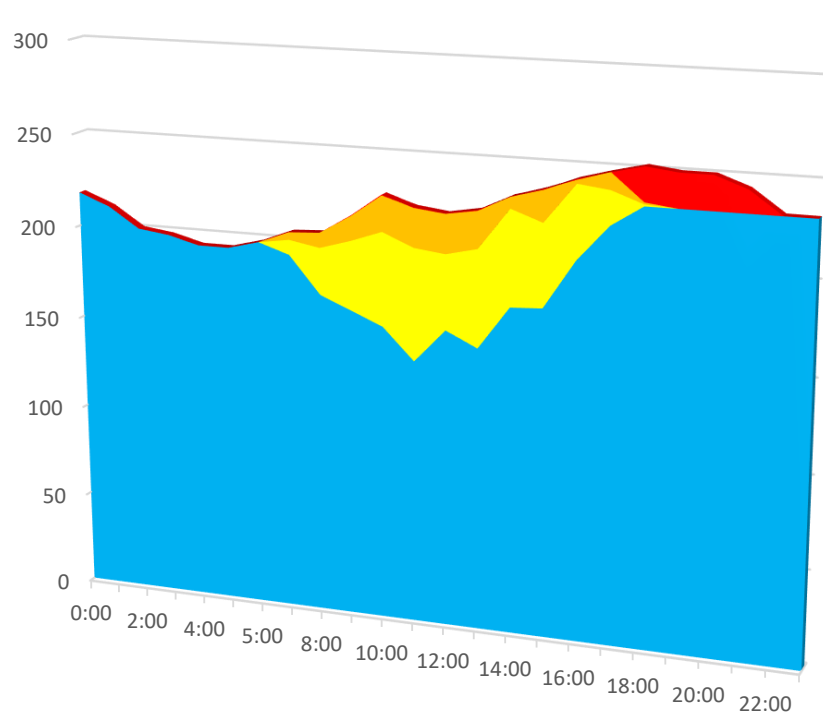


Highest Monthly Demand in Past 3 Years

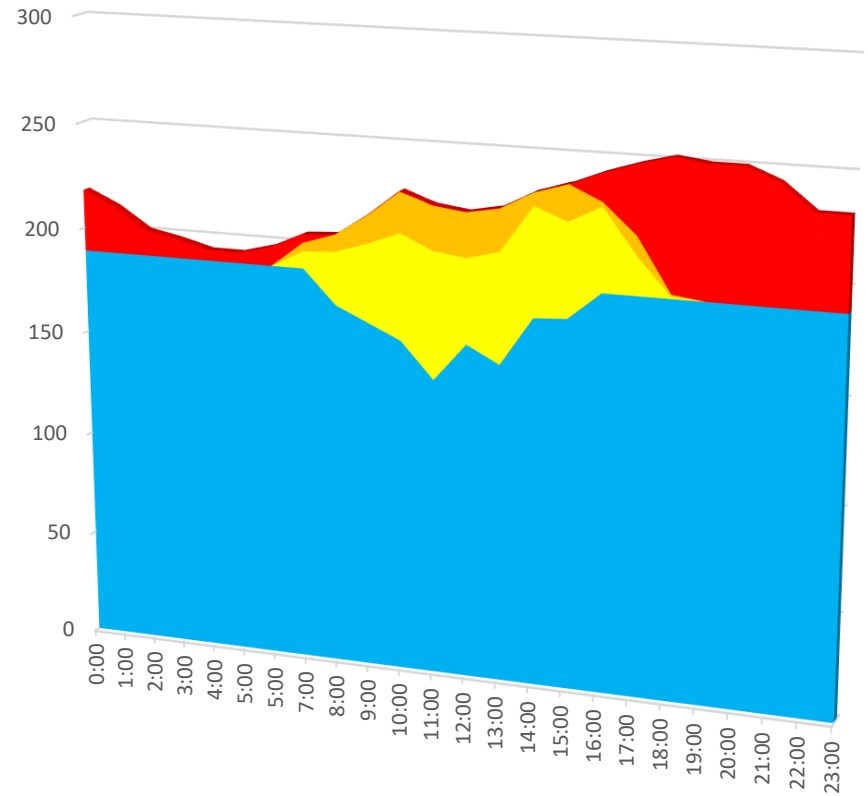


Generation Capacity Shortfall: Down Baseload Scenarios

**One Baseload Down; Load Shedding 18 MW
Capacity 232MW; Demand 250MW**



**Two Baseload Down; Load Shedding 61 MW
Capacity 189 MW; Demand 250MW**



■ Conventional ■ Mangilao ■ Glidepath ■ Load-Shedding

■ Conventional ■ Mangilao ■ Glidepath ■ Load-Shedding



Generation Capacity Shortfall

Capacity Dates:	18-Aug-23	20-Aug-23	31-Dec-23	CY2024/2025	CY2026
Ukudu Combined Cycle	-	-	-	-	198
Cabras 1	41	41	41	41	-
Cabras 2	0	35	41	41	-
Piti 8	43	43	43	43	43
Piti 9	43	43	43	43	43
Piti 7	30	30	30	30	30
Dededo 1	18	18	18	18	18
Dededo 2	18	18	18	18	18
Macheche	18	18	18	18	18
Yigo CT	Down Hard	Down Hard	20	20	20
Yigo Diesels	10	10	10	30	30
Tenjo #1	3	3	3	3	3
Tenjo #2	3	3	3	3	3
Tenjo #3	3	3	3	3	3
Tenjo #4	0	0	3	3	3
Tenjo #5	0	0	3	3	3
Talofofo #1	0	4	4	4	4
Talofofo #2	0	0	3	3	3
Manenggon #1	4	4	4	4	3
Manenggon #2	0	0	3	3	3
Total:	234	273	311	331	446
Anticipated Peak Demand	240	240	245	260	270
Reserve (Shortfall)	(6)	33	66	71	176
1 Baseload Down		-43	-43	-43	-43
Reserve (Shortfall)	(6)	(10)	23	28	133
2 Baseloads Down	-43	-43	-43	-43	-43
Reserve (Shortfall)	(49)	(53)	(20)	(15)	90
Interruptible Load (within 2 months)	27	27	27	27	
Voluntary Conservation (5,000 Customers)	7.5	7.5	7.5	7.5	
Load Shedding (6pm - 11pm)	(15)	(19)	15	20	



Generation Capacity Shortfall: Interruptible Load Program

Source	Count	kW	\$/Month	Variable/Hour
GWA Assets	37	6,657		
GIAA	1	2,500	\$ 20,000	\$ 2,250
PAG	1	500	\$ 3,000	\$ 450
GRMC	1	1,265	\$ 8,855	\$ 1,139
Hotels	16	11,700	\$ 81,900	\$ 10,530
Commercial	18	4,500	\$ 22,500	\$ 4,050
TOTAL:	74	27,122	\$ 136,255	\$ 18,419

Fixed 6-Month Cost:	\$ 817,530
Estimated Variable (72 hours):	\$ 1,326,132
Estimated Interruptible Load (6-months):	\$ 2,143,662
Base Rate Impact (excludes fuel cost):	\$ 1,038,552



Generation Capacity Shortfall: Capacity Recovery Action Plan

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Plan of Action for Capacity Recovery Over Next 6 to 9 Months

REDUCE DEMAND

- Interruptible Load:
 - Interruptible Load (IL) program and reimbursement rates have been re-established to assist GPA in meeting peak demand during loss or scheduled maintenance of baseload units. Invitation letters have been sent out to approximately 187 large power and commercial customers.
 - Requesting capacity and Interruptible Load support and assistance from DOD.

INCREASE CAPACITY

- Repairs of Existing Units
 - **Yigo CT 20 MW Unit:** Expedite repair. Generator rotor and other parts to be shipped to Texas this week for repair. Return to Service targeted for November/December 2023 timeframe
 - **Yigo Diesels:** Continue repairs of Yigo 1.1MW units. Restore Capacity to between 30 to 40 MW:
 - Current actions:
 - Resolution of procurement protests will be completed this week
 - Replace up to 25MW of Capacity with similar 1.1MW packaged units. Identify \$14M of revenue funds recovered from LEAC.
 - Obtain CCU and PUC Approvals as necessary
 - This plan could take six to nine months to accomplish with incremental capacity increase during period
 - **4MW Caterpillar Diesel Units:** Expedite return to service of units requiring significant repairs or rehabilitation.
- Temporary or Long-Term Reserve Capacity
 - Pursue federal funding for 40 MW reserve capacity from FEMA, DOD or other entities. 40MW of new capacity would cost upwards of \$80M which GPA does not have funding for. Consider contracting for temporary power for up to five years, if feasible and could be fast tracked.
- Energy Storage Battery 45 MW / 225 MWh:
 - Pursue approval to bid for ESS to shave peak demand and which could be charged by daytime solar PV or available conventional units.



Generation Capacity Shortfall: Capacity Recovery Action Plan (con't)

Plan of Action for Capacity Recovery Over Next 6 to 9 Months

COMMUNITY INVOLVEMENT

- Outreach
 - Launch campaign requesting our customers' help to reduce load shedding while lowering their energy bill
 - Provide actionable conservation measures:
 - Shut off *water heaters* during peak times. Lower water heater temperature setting.
 - Shut one or more *air conditioners* off during emergency load shedding periods.
 - Government employees, schools and businesses to place their air conditioning thermostats at 75°F or higher after work. Turn off air conditioners after working hours, if possible.
 - Start this campaign with GPWA employees.
- Information
 - Issue a load shedding schedule for a month at a time
 - Explain when 1-hr or several hours-long outages could occur
 - Issue capacity alert scenarios as early as possible, which triggers the length/extent of outages



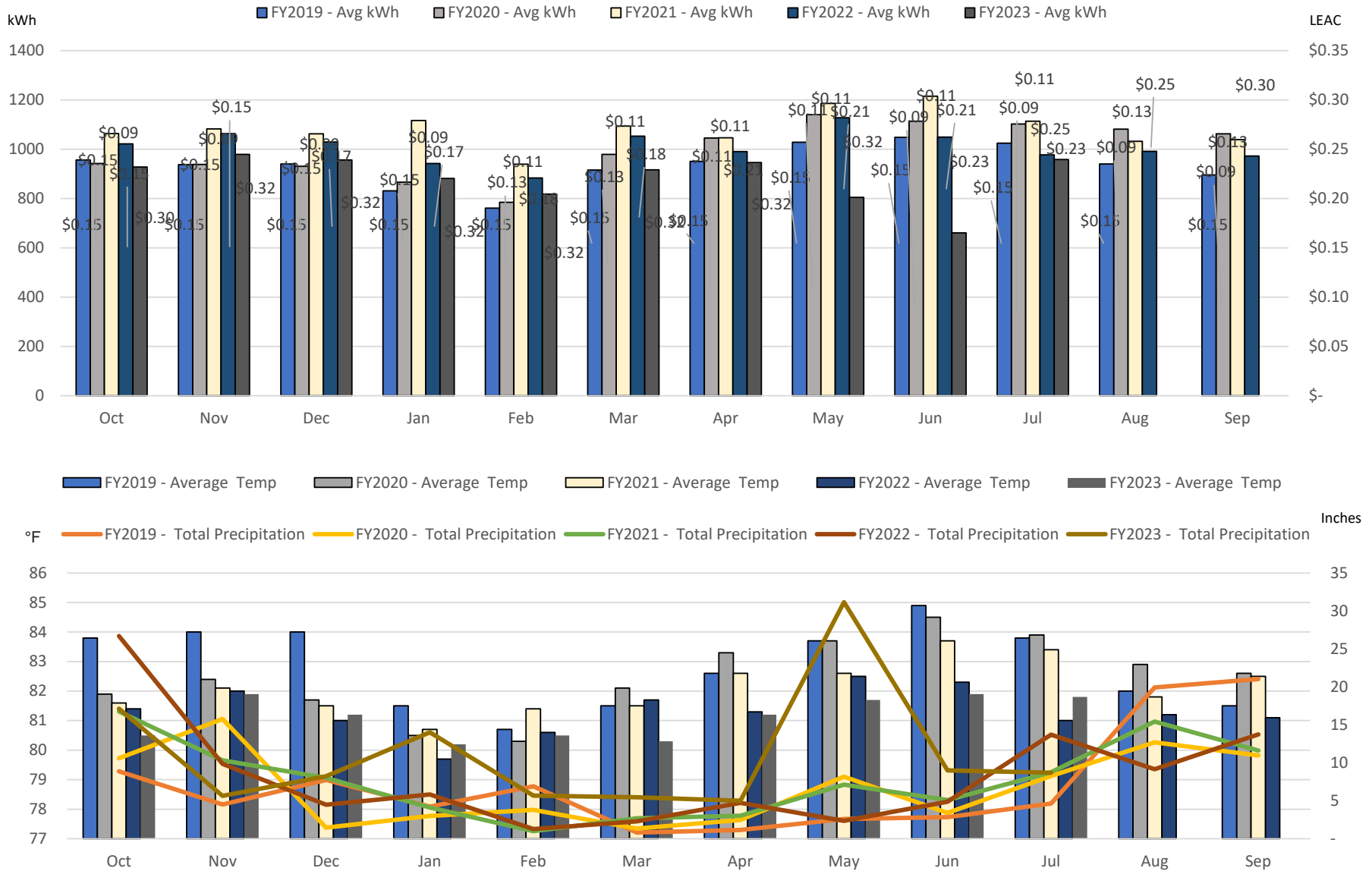
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FINANCIAL HIGHLIGHTS

July 2023



Residential average kWh & Weather Chart



Residential average kWh & LEAC Rate

Avg kWh	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 2019	957	938	940	831	761	915	951	1,028	1,048	1,025	940	896
FY2020	942	938	931	867	785	979	1,046	1,140	1,114	1,103	1,081	1,062
FY2021	1,064	1,083	1,062	1,117	939	1,094	1,046	1,186	1,215	1,114	1,032	1,038
FY2022	1,021	1,063	1,030	942	883	1,053	991	1,128	1,050	977	992	972
FY2023	928	979	956	882	818	917	946	805	661	958		

LEAC Rate	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 2019	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542
FY2020	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1345	\$ 0.1345	\$ 0.1100	\$ 0.1100	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.0868
FY2021	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1304	\$ 0.1304
FY2022	\$ 0.1508	\$ 0.1508	\$ 0.1715	\$ 0.1715	\$ 0.1808	\$ 0.1808	\$ 0.2095	\$ 0.2095	\$ 0.2095	\$ 0.2516	\$ 0.2516	\$ 0.2960
FY2023	\$ 0.2960	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.2311	\$ 0.2311		

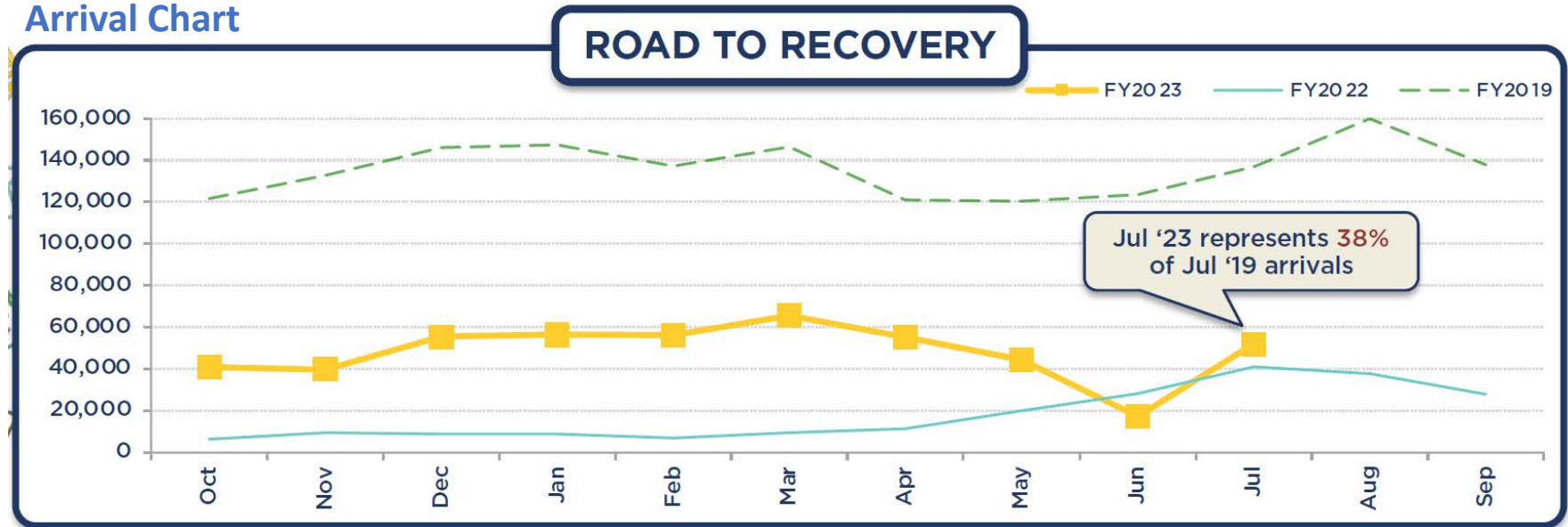


Hotel kWh & Occupancy Rate

mWh Hotels	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	10,826	10,628	10,494	10,175	8,965	9,443	10,565	10,741	10,066	11,494	10,170	10,397
FY2020	10,316	9,801	10,508	9,848	9,627	8,319	7,044	6,826	7,309	7,645	7,520	7,063
FY2021	7,045	7,379	7,596	6,973	6,270	6,863	7,326	7,152	7,521	7,841	7,906	7,560
FY2022	6,973	7,346	7,041	6,921	6,419	6,964	6,850	7,451	7,683	7,959	8,071	7,821
FY2023	7,802	7,921	8,251	8,031	7,542	7,950	7,859	7,176	6,101	8,538		

Occupancy Rat	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	85.9	85.9	85.9	91.4	91.4	91.4	84.8	84.8	84.8	92.0	92.0	92.0
FY2020	89.9	89.9	89.9	73.7	73.7	73.7	34.7	34.7	34.7	27.1	27.1	27.1
FY2021	38.7	38.7	38.7	51.4	51.4	51.4	41.3	41.3	41.3	52.4	52.4	52.4
FY2022	45.9	45.9	45.9	56.0	56.0	56.0	54.0	54.0	54.0	66.8	66.8	66.8
FY2023	59.7	59.7	59.7	67.4	67.4	67.4	60.0	60.0	60.0			

Arrival Chart

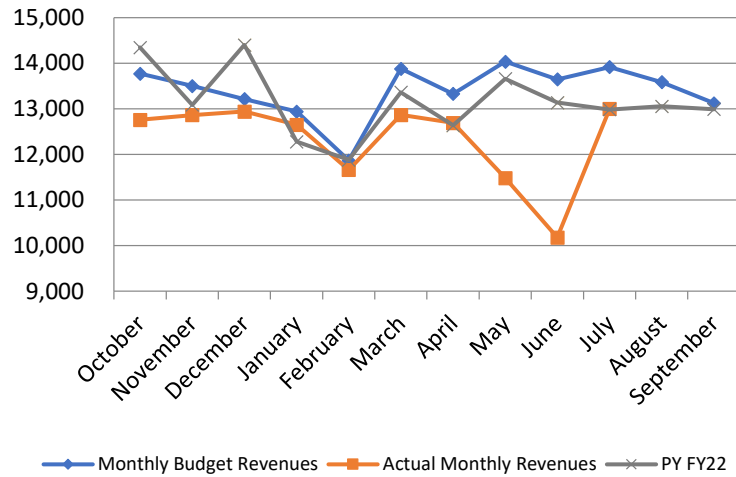


Note: Data from 22 hotels in schedule P. 1 hotel closed its doors on Oct. 2021. Occupancy rate and Road to Recovery is from GVB Visitor Arrival Statistic.



July 2023 Monthly Financial Highlights

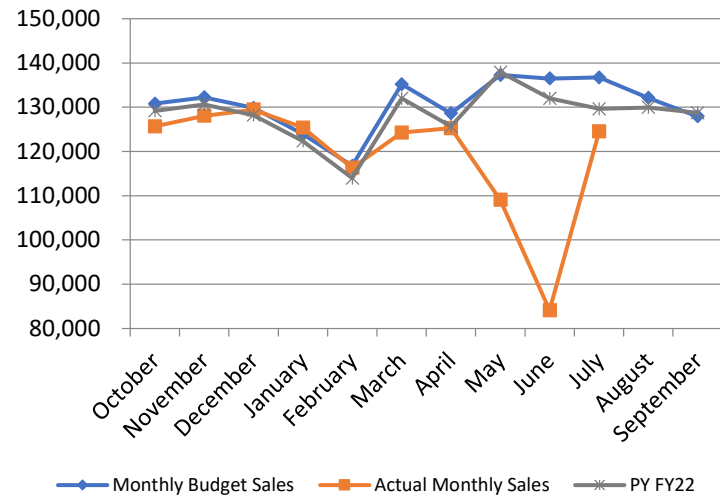
Base Rate Revenue (in '000)



Through July 31, 2023

	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY22	CY vs PY Variance	
	\$000	\$	\$		\$	\$	
October	13,769	\$ 12,757	\$ (1,013)	↓	\$ 14,345	\$ (1,589)	↓
November	13,500	12,861	(638)	↓	13,085	(223)	↓
December	13,214	12,940	(274)	↓	14,396	(1,456)	↓
January	12,939	12,651	(288)	↓	12,278	374	↑
February	11,866	11,660	(206)	↓	11,879	(219)	↓
March	13,880	12,865	(1,014)	↓	13,364	(498)	↓
April	13,329	12,691	(638)	↓	12,636	55	↑
May	14,033	11,484	(2,549)	↓	13,661	(2,177)	↓
June	13,646	10,178	(3,468)	↓	13,134	(2,956)	↓
July	13,916	12,997	(919)	↓	12,983	15	↑
August	13,585				13,056		
September	13,122				12,992		
Total	\$ 160,800	\$ 123,085	\$ (11,007)		\$ 157,808	\$ (8,675)	

MWH Sales (in 'mWh)



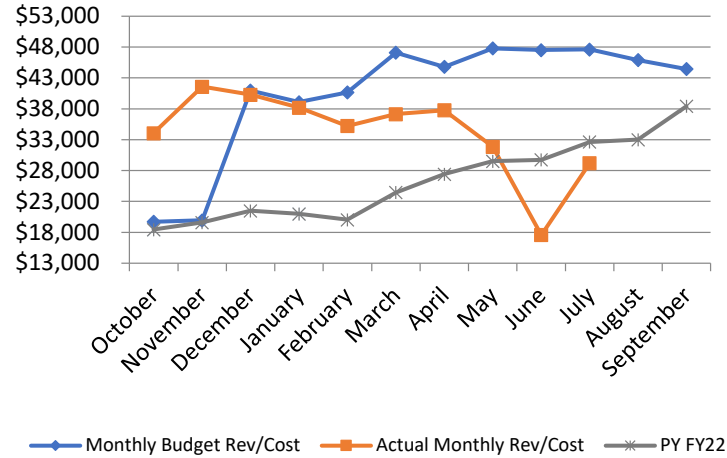
Through July 31, 2023

	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY22	CY vs PY Variance	
	mwh						
October	130,810	125,672	(5,138)	↓	129,175	(3,502)	↓
November	132,251	128,077	(4,174)	↓	130,597	(2,520)	↓
December	129,828	129,439	(389)	↓	128,204	1,235	↑
January	123,917	125,368	1,451	↑	122,367	3,001	↑
February	116,767	116,289	(477)	↓	113,980	2,310	↑
March	135,211	124,254	(10,957)	↓	131,984	(7,730)	↓
April	128,610	125,257	(3,353)	↓	125,661	(404)	↓
May	137,272	109,061	(28,211)	↓	137,915	(28,854)	↓
June	136,470	84,097	(52,372)	↓	131,980	(47,882)	↓
July	136,715	124,518	(12,197)	↓	129,637	(5,119)	↓
August	132,084				129,938		
September	127,916				128,721		
Total	1,567,850	1,192,033	(115,817)		1,540,160	(89,467)	



July 2023 Monthly Financial Highlights (Continued)

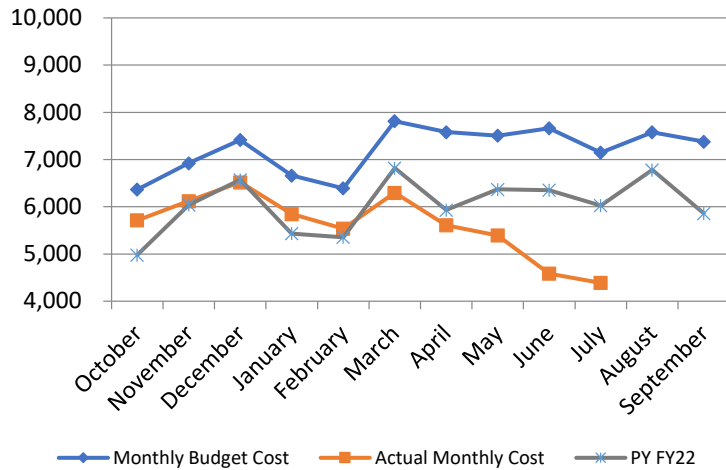
Fuel Revenues (in '000)



Through July 31, 2023

	Monthly Budget	Actual Monthly	Variance		PY FY22	CY vs PY	
	\$000	Rev/Cost	Rev/Cost			Variance	
October	\$ 19,726	\$ 34,062	14,336	↑	\$ 18,431	15,631	↑
November	19,943	41,593	21,650	↑	19,600	21,993	↑
December	40,967	40,281	(686)	↓	21,475	18,806	↑
January	39,102	38,205	(897)	↓	20,978	17,227	↑
February	40,669	35,217	(5,453)	↓	20,043	15,173	↑
March	47,094	37,143	(9,950)	↓	24,465	12,678	↑
April	44,794	37,773	(7,021)	↓	27,433	10,340	↑
May	47,811	31,867	(15,945)	↓	29,517	2,350	↑
June	47,532	17,560	(29,972)	↓	29,731	(12,171)	↓
July	47,617	29,194	(18,423)	↓	32,646	(3,452)	↓
August	45,916				32,999		
September	44,467				38,433		
Total	\$ 485,639	\$ 342,895	\$ (52,360)		\$ 315,753	\$ 98,575	

O&M Costs (in '000)



Through July 31, 2023

	Monthly Budget	Actual Monthly	Variance		PY FY22	CY vs PY	
	\$000	Budget Cost	Cost			Variance	
October	6,367	5,712	(655)	↑	4,979	733	↓
November	6,923	6,120	(802)	↑	6,039	82	↓
December	7,415	6,518	(898)	↑	6,569	(52)	↑
January	6,663	5,846	(817)	↑	5,434	412	↓
February	6,392	5,537	(855)	↑	5,353	184	↓
March	7,814	6,298	(1,517)	↑	6,818	(521)	↑
April	7,582	5,610	(1,972)	↑	5,931	(321)	↑
May	7,508	5,395	(2,113)	↑	6,369	(975)	↑
June	7,665	4,585	(3,080)	↑	6,353	(1,768)	↑
July	7,148	4,390	(2,758)	↑	6,028	(1,638)	↑
August	7,578				6,779		
September	7,380				5,859		
Total	\$ 86,435	\$ 56,010	\$ (15,466)		\$ 72,512	\$ (3,864)	



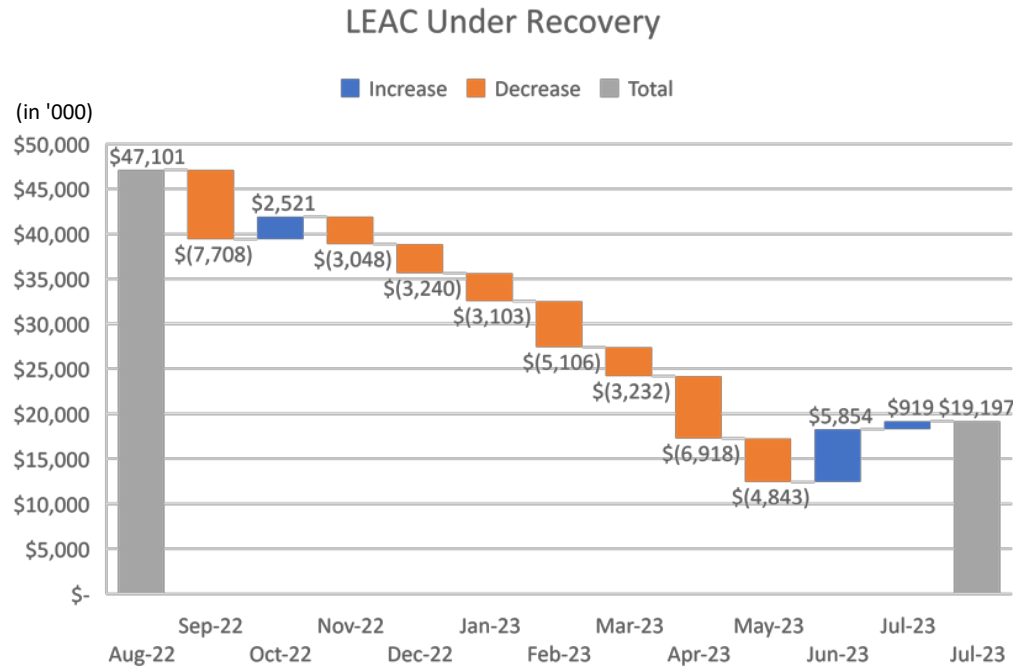
July 2023 Monthly Financial Highlights (Continued)

Through July 31, 2023													
	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022	3Q2022	4Q2022	1Q2023	2Q2023	3Q2023	4Q2023
Residential	44,191	44,503	44,575	45,247	45,229	45,224	45,283	45,261	45,315	45,370	45,417	45,453	45,015
Commercial	5,366	5,301	5,307	5,330	5,336	5,349	5,367	5,368	5,373	5,425	5,473	5,436	5,411
Government	1,081	1,063	1,060	1,049	1,056	1,069	1,077	1,079	1,087	1,088	1,108	1,112	1,106
Streetlights	1,132	1,133	1,132	1,132	1,131	1,160	1,158	1,156	1,163	1,167	1,167	1,165	1,159
Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	51,771	52,001	52,075	52,759	52,753	52,803	52,886	52,865	52,939	53,051	53,166	53,167	52,692

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021	2022	2023
Senior lien coverage	2.53	1.78	1.42	1.54	1.87	1.65
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	1.65	1.46	1.23	1.49	1.87	1.65



July 2023 Monthly Financial Highlights (Continued)



Through July 31, 2023					
	LEAC		(Over)/Under	Under	
	\$000	Revenue	Fuel Cost	Recovery	
				Balance	
October	\$	34,062	\$ 36,583	2,521	\$ 41,914
November		41,593	\$ 38,545	(3,048)	\$ 38,866
December		40,281	\$ 37,041	(3,240)	\$ 35,626
January		38,205	\$ 35,102	(3,103)	\$ 32,523
February		35,217	\$ 30,111	(5,106)	\$ 27,417
March		37,143	\$ 33,911	(3,232)	\$ 24,185
April		37,773	\$ 30,855	(6,918)	\$ 17,267
May		31,867	\$ 27,024	(4,843)	\$ 12,424
June		17,560	\$ 23,414	5,854	\$ 18,278
July		29,194	\$ 30,113	919	\$ 19,197
August					
September					
Total	\$	342,895	\$ 322,699	\$ (20,196)	





GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUĀHAN
P.O.BOX 2977 • HAGĀTÑA, GUAM U.S.A. 96932-2977

GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW July 2023

Attached are the financial statements and supporting schedules for the month and fiscal year ended July 31, 2023.

Summary

The increase in net assets for the month ended was \$4.1 million as compared to the anticipated net increase of \$0.4 million projected at the beginning of the year. The total kWh sales for the month were 8.92% less than projected and non-fuel revenues were \$0.9 million less than the estimated amounts. These decreases were primarily the result of the impact of Typhoon Mawar on the island’s power system through the early month of July. O&M expenses for the month were \$4.4 million which was \$2.7 million less than our projections for the month. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$2 million, which was \$0.8 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	2.00	1.76	2
Days in Receivables	27	32	52
Days in Payables	20	43	30
LEAC (Over)/Under Recovery Balance - YTD	\$18,278,325	\$19,196,940	\$8,322,223
T&D Losses	5.97%	6.04%	<7.00%
Debt Service Coverage	1.59	1.65	1.75
Long-term equity ratio	9.40%	10.21%	30 – 40%
Days in Cash	93	102	60

The Quick Ratio has been a challenge for GPA historically. GPA has current obligations of approximately \$105 million and approximately \$185 million in cash and current receivables. The LEAC under-recovery for the month was \$0.9 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

**Financial Statements
July 2023**

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:



Maripaz N. Perez
Asst. Chief Financial Officer

Reviewed by:



John J.E. Kim
Chief Financial Officer

Approved by:



John M. Benavente, P.E.
General Manager

CCU Regular Board Meeting - GPA

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Net Position July 31, 2023 and September 30, 2022			
	Unaudited July 2023	Unaudited September 2022	Change from Sept 30 2022
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 28,990,070	\$ 16,582,152	\$ 12,407,917
Bond indenture funds	75,006,306	28,155,326	46,850,981
Held by Guam Power Authority:			
Bond indenture funds	61,108,543	66,096,915	(4,988,371)
Self insurance fund-restricted	12,348,850	9,636,149	2,712,701
Energy sense fund	4,081,574	3,200,040	881,534
Total cash and cash equivalents	<u>181,535,343</u>	<u>123,670,582</u>	<u>57,864,762</u>
Accounts receivable, net	<u>46,049,892</u>	<u>61,606,332</u>	<u>(15,556,440)</u>
Total current receivables	<u>46,049,892</u>	<u>61,606,332</u>	<u>(15,556,440)</u>
Materials and supplies inventory	10,194,670	13,245,854	(3,051,185)
Fuel inventory	71,228,982	62,282,916	8,946,067
Prepaid expenses	<u>8,308,825</u>	<u>5,715,018</u>	<u>2,593,807</u>
Total current assets	<u>317,317,712</u>	<u>266,520,702</u>	<u>50,797,010</u>
Utility plant, at cost:			
Electric plant in service	1,202,440,089	1,188,286,930	14,153,160
Construction work in progress	42,901,440	21,044,080	21,857,360
Total	<u>1,245,341,529</u>	<u>1,209,331,010</u>	<u>36,010,520</u>
Less: Accumulated depreciation	<u>(762,117,901)</u>	<u>(734,209,593)</u>	<u>(27,908,308)</u>
Total utility plant	<u>483,223,628</u>	<u>475,121,416</u>	<u>8,102,212</u>
Other non-current assets:			
Investments - restricted	47,872,146	48,011,361	(139,215)
Unamortized debt issuance costs	<u>423,307</u>	<u>462,297</u>	<u>(38,990)</u>
Total other non-current assets	<u>48,295,454</u>	<u>48,473,659</u>	<u>(178,205)</u>
Total assets	<u>848,836,795</u>	<u>790,115,777</u>	<u>58,721,018</u>
Deferred outflow of resources:			
Deferred fuel revenue	19,196,940	39,554,794	(20,357,854)
Unamortized loss on debt refunding	13,708,165	14,716,617	(1,008,451)
Pension	17,136,754	17,136,754	0
Other post employment benefits	48,852,130	48,852,130	0
Unamortized forward delivery contract costs	<u>0</u>	<u>0</u>	<u>0</u>
Total deferred outflows of resources	<u>98,893,990</u>	<u>120,260,295</u>	<u>(21,366,306)</u>
	<u>\$ 947,730,784</u>	<u>\$ 910,376,072</u>	<u>\$ 37,354,712</u>

CCU Regular Board Meeting - GPA

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued July 31, 2023 and September 30, 2022			
	Unaudited July 2023	Unaudited September 2022	Change from Sept 30 2022
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 24,680,000	\$ 7,730,000	\$ 16,950,000
Current obligations under capital leases			0
Accounts payable			
Operations	25,485,538	31,869,204	(6,383,666)
Others	31,233,152	455,663	30,777,489
Accrued payroll and employees' benefits	2,021,742	217,342	1,804,400
Current portion of employees' annual leave	1,799,340	1,836,186	(36,847)
Interest payable	10,253,519	10,864,975	(611,456)
Customer deposits	9,577,709	8,815,052	762,657
	<u>105,050,999</u>	<u>61,788,422</u>	<u>43,262,577</u>
Regulatory liabilities:			
Provision for self insurance	13,786,004	11,016,513	2,769,491
	<u>13,786,004</u>	<u>11,016,513</u>	<u>2,769,491</u>
Long term debt, net of current maturities			
Obligations under capital leases, net of current portion	477,879,192	503,873,798	(25,994,605)
Net Pension liability	81,787,768	84,782,676	(2,994,908)
Other post employment benefits liability	160,364,667	160,364,667	0
DCRS sick leave liability	1,695,518	1,695,518	0
Employees' annual leave net of current portion	1,842,137	1,842,137	0
Customer advances for construction	616,050	541,500	74,551
	<u>843,022,337</u>	<u>825,905,231</u>	<u>17,117,106</u>
Deferred inflows of resources:			
Unearned forward delivery contract revenue		0	0
Pension	3,238,796	3,238,796	0
Other post employment benefits	51,902,993	51,902,993	0
	<u>55,141,789</u>	<u>55,141,789</u>	<u>0</u>
Commitments and contingencies			
Net Position:			
Net investment in capital assets	30,044,090	13,090,861	16,953,230
Restricted	53,584,268	34,846,592	18,737,675
Unrestricted	(34,061,699)	(18,608,402)	(15,453,297)
	<u>49,566,659</u>	<u>29,329,052</u>	<u>20,237,607</u>
	<u>\$ 947,730,784</u>	<u>\$ 910,376,072</u>	<u>\$ 37,354,712</u>

CCU Regular Board Meeting - GPA

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	July 31		% of change Inc (dec)	Ten Months Ending July 31		% of change Inc (dec)
	Unaudited 2023	Unaudited 2022		Unaudited 2023	Unaudited 2022	
Revenues						
Sales of electricity	\$ 42,191,555	\$ 45,628,831	(8)	\$ 465,980,074	\$ 376,080,437	24
DSM-Rebates	293,581	319,387	(8)	2,969,086	3,172,137	(6)
Miscellaneous	295,409	(75,725)	(490)	2,476,493	2,103,311	18
Total	<u>42,780,544</u>	<u>45,872,494</u>	(7)	<u>471,425,652</u>	<u>381,355,885</u>	24
Bad debt expense	(99,833)	(101,917)	(2)	(998,330)	(1,019,170)	(2)
Total revenues	<u>42,680,711</u>	<u>45,770,577</u>	(7)	<u>470,427,322</u>	<u>380,336,715</u>	24
Operating and maintenance expenses						
Production fuel	29,194,169	29,769,678	(2)	342,895,267	241,443,611	42
Other production	1,414,798	1,672,266	(15)	13,874,110	15,270,266	(9)
	<u>30,608,967</u>	<u>31,441,944</u>	(3)	<u>356,769,377</u>	<u>256,713,877</u>	39
Depreciation	2,973,646	2,921,784	2	28,999,269	29,094,712	(0)
Energy conversion cost	858,844	794,853	8	8,441,744	8,201,443	3
Transmission & distribution	243,263	1,253,360	(81)	10,061,703	12,039,588	(16)
Customer accounting	491,699	541,477	(9)	5,257,472	5,904,557	(11)
Administrative & general	2,239,959	2,560,673	(13)	27,002,148	26,765,621	1
Total operating and maintenance expenses	<u>37,416,379</u>	<u>39,514,091</u>	(5)	<u>436,531,713</u>	<u>338,719,799</u>	#DIV/0! 29
Operating income	<u>5,264,332</u>	<u>6,256,486</u>	(16)	<u>33,895,610</u>	<u>41,616,915</u>	(19)
Other income (expenses)						
Interest income	399,551	121,385	229	2,637,133	826,005	219
Interest expense and amortization	(1,951,402)	(1,902,711)	3	(19,509,146)	(21,186,219)	(8)
Bond issuance costs	35,344	(3,344,548)	(101)	267,164	(2,421,985)	(111)
Change in Investment Value	94,202	28,948	225	472,062	(45,352)	(1,141)
Allowance for funds used during construction		5,822	(100)	14,236	73,269	(81)
Pandemic-COVID19		(33,034)	(100)	(71,823)	(232,769)	(69)
Losses due to typhoon	(356)	(13,660)	(97)	(38,135)	(1,143,552)	(97)
Operating Grant from GovGuam/US Gov				0	0	
Loss on Capital Asset Dsposal				0	0	
Other expense		0		0	(8,582)	(100)
Total other income (expenses)	<u>(1,422,661)</u>	<u>(5,137,797)</u>	(72)	<u>(16,228,509)</u>	<u>(24,139,185)</u>	(33)
Income (loss) before capital contributions	3,841,672	1,118,689	243	17,667,101	17,477,730	1
Capital contributions	<u>236,929</u>			<u>2,570,505</u>	<u>973,601</u>	
Increase (decrease) in net assets	4,078,600	1,118,689	265	20,237,606	18,451,332	10
Total net assets at beginning of period	<u>45,488,058</u>	<u>27,127,306</u>	68	<u>29,329,052</u>	<u>9,794,664</u>	199
Total net assets at end of period	<u>\$ 49,566,658</u>	<u>\$ 28,245,996</u>	75	<u>\$ 49,566,658</u>	<u>\$ 28,245,996</u>	75

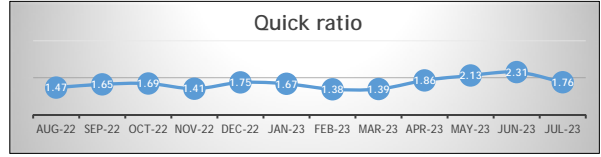
GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows Period Ended July 31, 2023		
	Month Ending 7/31/2023	YTD Ending 7/31/2023
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	\$37,132,589	\$ 486,153,148
Cash payments to suppliers and employees for goods and services	17,027,971	368,736,383
Net cash provided by operating activities	\$20,104,618	117,416,765
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	399,551	2,637,133
Net cash provided by investing activities	399,551	2,637,133
Cash flows from non-capital financing activities		
Interest paid on short term debt	(3,835)	(40,619)
Provision for self insurance funds	-	(2,712,701)
Net cash provided by noncapital financing activities	(3,835)	(2,753,320)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(7,756,008)	(37,101,481)
Principal paid on bonds and other long-term debt	-	(7,730,000)
Interest paid on bonds(net of capitalized interest)	94,202	(19,593,685)
Interest paid on capital lease obligations	-	-
Interest & principal funds held by trustee	(4,000,113)	(12,407,917)
Reserve funds held by trustee	(62,804)	139,215
Bond funds held by trustee	-	-
Principal payment on capital lease obligations	-	-
Grant from DOI/FEMA	236,929	2,570,505
Grant from GovGuam	-	-
Reduction in Under Recovery of Fuel	-	-
Debt issuance costs/loss on defeasance	(131,461)	(1,314,605)
Net cash provided by (used in) capital and related financing activities	(11,619,255)	(75,437,969)
Net (decrease) increase in cash and cash equivalents	8,881,079	41,862,609
Cash and cash equivalents, beginning	127,233,770	94,252,240
Cash and cash equivalents-Funds held by GPA, July 31, 2023	\$ 136,114,849	\$ 136,114,850

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows, continued Period Ended July 31, 2023		
	Month Ending 7/31/2023	YTD Ending 7/31/2023
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	\$5,264,332	\$33,895,610
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	2,973,646	28,999,269
Other expense	34,988	157,206
(Increase) decrease in assets:		
Accounts receivable	(5,598,016)	15,556,440
Materials and inventory	954,767	3,051,185
Fuel inventory	(12,244,982)	(8,946,067)
Prepaid expenses	(449,074)	(2,593,807)
Unamortized debt issuance cost	3,899	38,990
Deferred fuel revenue	(918,615)	20,357,854
Unamortized loss on debt refunding	92,217	1,008,451
Unamortized forward delivery contract costs	-	-
Increase (decrease) in liabilities:		
Accounts payable-operations	1,274,045	(6,383,666)
Accounts payable-others	29,217,852	29,895,954
Accrued payroll and employees' benefits	(261,499)	1,804,400
Provision for Self-Insurance	273,845	2,769,491
Net pension liability	(312,693)	(2,994,908)
Employees' annual leave	(33,762)	(36,847)
Customers deposits	(173,860)	762,657
Customer advances for construction	7,527	74,551
Unearned forward delivery contract revenue	-	-
Net cash provided by operating activities	<u>\$20,104,618</u>	<u>\$ 117,416,765</u>

**Guam Power Authority
Financial Analysis
07/31/23**

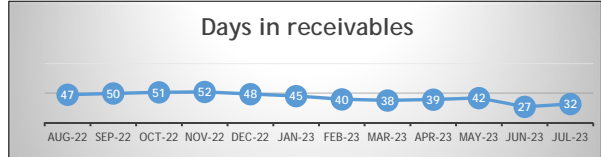
Quick Ratio

A	Reserve Funds Held by GPA	136,114,849
B	Current Accounts Receivable	48,703,699
C	Total Cash and A/R (A+B)	184,818,548
D	Total Current Liabilities	105,050,999
E	Quick Ratio (F/G)	1.76



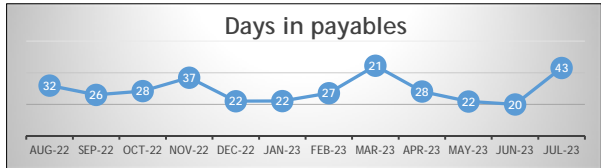
Days in Receivables

A	FY 23 Moving 12 Mos. -Actual	563,460,356
B	No. of Days	365
C	Average Revenues per day (A/B)	1,543,727
D	Current Accounts Receivable	48,703,699
E	Days in Receivables (D/C)	32



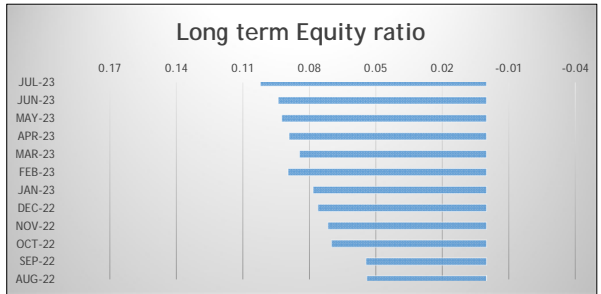
Days in Payables

A	FY 23 Moving 12 Months-Actual	480,942,167
B	No. of Days	365
C	Average Payables per day (A/B)	1,317,650
D	Current Accounts Payables	56,718,690
E	Days in Payables (D/C)	43



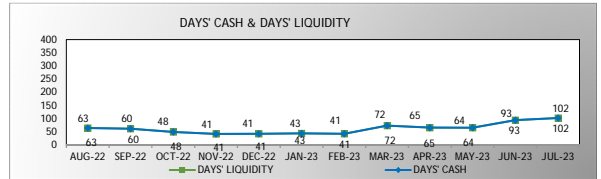
Long term equity ratio

A	Equity	\$ 49,566,659
B	Total Long term Liability	\$ 435,950,495
C	Total Equity and liability	\$ 485,517,154
D	Long term equity ratio (A/C)	10.21%



Days cash on hand

A	Unrestricted cash & cash equivalents	136,115
B	No. of Days -YTD	304
C	A x B	41,378,914
D	Total Operating expenses excluding depreciation	407,532
E	Days cash on hand	102



Days' Liquidity

A	Unrestricted cash , cash equivalents & revolving Credit	136,115
B	No. of Days -YTD	304
C	A x B	41,378,914
D	Total Operating expenses excluding depreciation	407,532
E	Days liquidity	102

CCU Regular Board Meeting - GPA

GPA 302

GUAM POWER AUTHORITY
ACCRUED REVENUE
JULY 2023

	FOR THE MONTH ENDED		TEN MONTHS ENDED	
	2023	2022	2023	2022
KWH SALES:				
Residential	43,136,033	44,154,849	401,417,903	458,688,097
Residential - Apt & Condo	595,943	612,209	5,516,368	6,307,693
Small Gen. Non Demand	5,971,414	7,261,891	60,421,220	70,198,560
Small Gen. Demand	17,385,853	15,923,953	156,095,159	156,382,307
Large General	19,579,817	19,068,609	180,272,385	177,608,252
Independent Power Producer	81,383	236,018	937,925	532,736
Private St. Lights	32,394	29,325	311,389	317,135
Sub-total	86,782,837	87,286,854	804,972,349	870,034,780
Government Service:				
Small Non Demand	1,175,710	1,560,970	14,248,796	11,828,715
Small Demand	8,149,889	8,972,206	83,918,827	92,536,612
Large	4,845,784	4,206,439	46,742,190	41,402,549
Street Lighting	414,305	390,067	4,431,439	4,367,186
Sub-total	14,585,688	15,129,682	149,341,252	150,135,062
Total	101,368,525	102,416,536	954,313,602	1,020,169,842
U. S. Navy	23,149,334	27,220,577	237,719,703	261,330,016
GRAND TOTAL	124,517,860	129,637,114	1,192,033,305	1,281,499,857
REVENUE:				
Residential	13,969,362	16,139,401	157,589,533	131,763,829
Residential - Apt & Condo	192,702	206,426	2,175,553	1,716,775
Small Gen. Non Demand	2,210,926	2,958,905	26,507,445	23,213,961
Small Gen. Demand	5,934,593	5,997,317	64,106,093	47,383,453
Large General	6,420,249	6,770,755	71,824,510	52,008,411
Independent Power Producer	27,847	77,141	373,964	163,162
Private St. Lights	28,061	26,836	293,171	261,580
Sub-total	28,783,740	32,176,781	322,870,268	256,511,171
Government Service:				
Small Non Demand	445,363	614,420	6,370,085	4,052,784
Small Demand	2,937,841	3,405,364	36,245,538	29,184,664
Large	1,673,099	1,509,896	19,216,884	12,332,149
Street Lighting	448,580	429,604	4,835,961	4,155,361
Sub-total	5,504,883	5,959,284	66,668,468	49,724,958
Total	34,288,623	38,136,065	389,538,736	306,236,130
U. S. Navy	7,902,931	7,492,766	76,441,338	69,844,307
GRAND TOTAL	42,191,555	45,628,831	465,980,074	376,080,436
NUMBER OF CUSTOMERS:				
Residential	45,010	45,203	45,369	45,245
Residential - Apt & Condo	5	5	5	6
Small Gen. Non Demand	4,489	4,539	4,567	4,544
Small Gen. Demand	836	731	788	731
Large General	83	85	83	84
Independent Power Producer	3	3	3	2
Private St. Lights	491	516	500	516
Sub-total	50,917	51,082	51,314	51,127
Government Service:				
Small Non Demand	743	723	738	713
Small Demand	335	343	342	345
Large	28	18	23	18
Street Lighting	668	644	666	642
Sub-total	1,774	1,728	1,769	1,719
Total	52,691	52,810	53,083	52,846
US Navy	1	1	1	1
GRAND TOTAL	52,692	52,811	53,084	52,847

CCU Regular Board Meeting - GPA

GPA403

GUAM POWER AUTHORITY
ACCRUED REVENUE
12 MONTHS ENDED JULY 31, 2023

	TWELVE MONTHS ENDED	JULY 2023	JUNE 2023	MAY 2023	APRIL 2023	MARCH 2023	FEBRUARY 2023	JANUARY 2023	DECEMBER 2022	NOVEMBER 2022	OCTOBER 2022	SEPTEMBER 2022	AUGUST 2022
KWH SALES:													
Residential	490,512,398	43,136,033	29,974,604	36,669,436	42,978,575	41,620,238	37,127,957	40,085,893	43,379,411	44,438,989	42,006,767	44,105,031	44,989,464
Residential - Apt & Condo	6,983,676	595,943	467,097	491,859	588,524	591,100	538,072	607,542	641,336	629,467	365,427	846,899	620,409
Small General Non Demand	75,165,499	5,971,414	4,277,056	4,796,638	5,859,772	5,311,081	5,824,620	6,787,443	7,240,621	7,145,948	7,206,628	7,303,286	7,440,992
Small General Demand	187,914,342	17,385,853	11,826,660	14,027,081	17,132,676	17,714,408	14,631,953	15,589,534	16,149,806	15,807,037	15,830,151	15,651,511	16,167,671
Large General	217,946,161	19,579,817	14,095,502	15,584,256	18,615,072	18,937,481	17,266,514	18,898,736	19,538,055	18,947,397	18,809,554	18,604,465	19,069,312
Independent Power Producer	1,180,676	81,383	77,864	77,333	95,700	113,317	90,229	101,025	105,298	100,625	95,150	104,269	138,482
Private Outdoor Lighting	374,316	32,394	31,058	31,512	29,893	30,263	30,867	31,936	29,921	31,613	31,932	31,828	31,100
Sub-Total	980,077,068	86,782,837	60,749,840	71,678,115	85,300,213	84,317,888	75,510,213	82,102,108	87,084,449	87,101,076	84,345,610	86,647,290	88,457,429
Government Service:													
Small Non Demand	17,926,747	1,175,710	714,322	989,718	1,129,246	1,156,054	1,001,474	2,001,337	2,061,867	1,926,213	2,092,855	1,953,494	1,724,457
Small Demand	102,264,103	8,149,889	5,192,727	7,140,363	8,669,657	8,759,968	8,721,317	9,258,150	9,351,392	9,241,605	9,433,760	9,314,898	9,030,378
Large	55,242,978	4,845,784	4,075,135	4,591,436	5,736,824	5,635,263	4,607,123	4,250,129	4,436,992	4,303,339	4,260,165	4,274,663	4,226,126
Street Lighting (Agencies)	5,351,713	414,305	488,780	460,207	406,152	469,767	427,480	437,596	466,769	423,900	436,484	488,523	431,751
Sub-Total	180,785,542	14,585,688	10,470,964	13,181,724	15,941,879	16,021,053	14,757,394	15,947,212	16,317,019	15,895,055	16,223,264	16,031,578	15,412,712
Total	1,160,862,610	101,368,525	71,220,804	84,859,839	101,242,092	100,338,941	90,267,607	98,049,320	103,401,468	102,996,131	100,568,874	102,678,868	103,870,141
U.S. Navy	289,830,377	23,149,334	12,876,538	24,201,431	24,015,014	23,915,128	26,021,691	27,318,599	26,037,729	25,081,097	25,103,141	26,042,598	26,068,076
Grand Total	1,450,692,987	124,517,860	84,097,341	109,061,270	125,257,106	124,254,069	116,289,298	125,367,919	129,439,197	128,077,228	125,672,015	128,721,466	129,938,216
REVENUE:													
Residential	191,172,889	13,969,362	8,887,415	15,050,755	17,676,159	17,199,481	15,307,673	16,530,473	17,853,658	18,745,580	16,368,977	18,081,366	15,501,990
Residential - Apt & Condo	2,675,495	192,702	157,519	201,816	238,164	239,348	217,923	244,443	257,861	253,729	172,048	291,521	208,421
Small General Non Demand	32,677,804	2,210,926	1,485,043	2,198,698	2,682,063	2,457,448	2,673,862	3,089,178	3,285,850	3,317,413	3,106,964	3,300,091	2,870,269
Small General Demand	76,538,240	5,934,593	3,946,530	6,069,964	7,332,836	7,648,898	6,321,975	6,661,006	6,894,340	6,882,338	6,413,612	6,610,718	5,821,429
Large General	85,938,183	6,420,249	4,706,950	6,560,645	7,746,185	7,880,381	7,213,357	7,852,203	8,101,347	7,923,232	7,419,960	7,445,269	6,668,404
Independent Power Producer	463,881	27,847	26,977	32,375	39,591	47,382	36,908	40,796	43,820	41,604	36,663	41,425	48,493
Private Outdoor Lighting	350,928	28,061	27,034	29,999	29,323	29,402	29,758	30,215	29,432	30,062	29,885	29,690	28,066
Sub-Total	389,817,420	28,783,740	19,237,469	30,144,252	35,744,321	35,502,341	31,801,457	34,448,313	36,466,309	37,193,957	33,548,108	35,800,080	31,147,072
Government Service:													
Small Non Demand	7,893,399	445,363	276,470	467,278	529,777	541,405	472,435	912,583	939,626	879,524	905,625	847,682	675,632
Small Demand	43,600,842	2,937,841	1,982,058	3,254,161	3,871,569	3,904,590	3,909,788	4,123,345	4,160,507	4,118,429	3,983,251	3,926,242	3,429,062
Large	22,460,423	1,673,099	1,426,343	2,033,109	2,469,563	2,417,062	1,970,197	1,806,650	1,880,842	1,826,174	1,713,846	1,722,454	1,521,084
Street Lighting (Agencies)	5,790,909	448,580	469,851	502,936	471,191	502,191	492,241	488,431	499,164	483,931	477,445	512,797	442,151
Sub-Total	79,745,572	5,504,883	4,154,721	6,257,484	7,342,099	7,365,248	6,844,661	7,331,008	7,480,139	7,308,058	7,080,167	7,009,174	6,067,930
Total	469,562,993	34,288,623	23,392,190	36,401,735	43,086,421	42,867,589	38,646,118	41,779,322	43,946,448	44,502,015	40,628,276	42,809,255	37,215,002
U.S. Navy	93,897,364	7,902,931	4,345,758	6,948,307	7,377,927	7,141,214	8,230,255	9,077,194	9,274,918	9,952,503	6,190,330	8,615,354	8,840,672
Grand Total	563,460,356	42,191,555	27,737,948	43,350,042	50,464,347	50,008,803	46,876,373	50,856,515	53,221,366	54,454,518	46,818,606	51,424,609	46,055,673
NUMBER OF CUSTOMERS:													
Residential	45,368	45,010	45,354	45,545	45,445	45,402	45,374	45,461	45,378	45,371	45,347	45,359	45,368
Residential - Apt & Condo	5	5	5	5	5	5	5	5	5	5	5	5	5
Small General Non Demand	4,566	4,489	4,503	4,509	4,521	4,581	4,634	4,634	4,626	4,602	4,574	4,559	4,557
Small General Demand	779	836	836	839	841	841	758	713	741	735	737	735	737
Large General	83	83	83	83	83	83	83	83	83	83	83	83	84
Independent Power Producer	3	3	3	3	3	3	3	3	3	3	3	3	3
Private Outdoor Lighting	501	491	494	497	499	499	500	501	503	504	507	510	512
Sub-Total	51,305	50,917	51,278	51,481	51,397	51,414	51,357	51,400	51,339	51,303	51,257	51,254	51,266
Government Service:													
Small Non Demand	736	743	743	752	750	743	741	731	729	725	726	725	727
Small Demand	342	335	335	336	336	346	354	344	343	343	343	345	343
Large	22	28	28	28	28	26	20	18	18	18	18	18	18
Street Lighting (Agencies)	664	668	668	667	670	669	668	663	663	663	662	662	644
Sub-Total	1,764	1,774	1,774	1,783	1,784	1,784	1,783	1,756	1,753	1,749	1,749	1,750	1,732
Total	53,070	52,691	53,052	53,264	53,181	53,198	53,140	53,156	53,092	53,052	53,006	53,004	52,998
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1

CCU Regular Board Meeting - GPA

GPA 303

GUAM POWER AUTHORITY
FUEL AND NON-FUEL
JULY 2023

OLD RATE
LEAC 0.31858
DSM 0.003109
FUEL RATE 0.315467

NEW RATE
LEAC 0.231144
DSM 0.003109
FUEL RATE 0.228035

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		0.000000 FUEL ADJ	BASE RATE REVENUE		AVERAGE PER CUSTOMER			NON-FUEL		OIL	
			AMOUNT	C/KWH		AMOUNT	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
One Month - JULY 2023														
R Residential	45,010	43,136,033	13,969,362	32.3844	0	32.3844	13,969,362	958	310	9.5809	4,132,836	22.8035	9,836,525	
D Residential - Apt & Condo	5	595,943	192,702	32.3356	0	32.3356	192,702	119,189	38,540	9.5321	56,806	22.8035	135,896	
G Small Gen. Non Demand	4,489	5,971,414	2,210,926	37.0252	0	37.0252	2,210,926	1,330	493	14.2217	849,234	22.8035	1,361,691	
J Small Gen. Demand	836	17,385,853	5,934,593	34.1346	0	34.1346	5,934,593	20,796	7,099	11.3407	1,971,673	22.7939	3,962,920	
P Large General	83	19,579,817	6,420,249	32.7901	0	32.7901	6,420,249	235,901	77,352	10.1095	1,979,423	22.6806	4,440,827	
I Independent Power Producer	3	81,383	27,847	34.2169	0	34.2169	27,847	27,128	9,282	12.1848	9,916	22.0321	17,930	
H Private St. Lights	491	32,394	28,061	86.6254	0	86.6254	28,061	66	57	63.8219	20,674	22.8035	7,387	
Sub-Total	50,917	86,782,837	28,783,740	33.1675	0	33.1675	28,783,740	1,704	565	10.3944	9,020,564	22.7731	19,763,177	
Government Service:														
S Small Non Demand	743	1,175,710	445,363	37.8803	0	37.8803	445,363	1,582	599	15.0768	177,260	22.8035	268,103	
K Small Demand	335	8,149,889	2,937,841	36.0476	0	36.0476	2,937,841	24,328	8,770	13.2441	1,079,381	22.8035	1,858,460	
L Large	28	4,845,784	1,673,099	34.5269	0	34.5269	1,673,099	173,064	59,754	12.0437	583,614	22.4832	1,089,485	
F Street Lighting (Agencies)	668	414,305	448,580	108.2729	0	108.2729	448,580	620	672	85.4694	354,104	22.8035	94,476	
Sub-Total	1,774	14,585,688	5,504,883	37.7417	0	37.7417	5,504,883	8,222	3,103	15.0446	2,194,359	22.6971	3,310,524	
U.S. Navy	1	23,149,334	7,902,931	34.1389	0	34.1389	7,902,931			7.6998	1,782,463	26.4391	6,120,468	
TOTAL	52,692	124,517,860	42,191,555	33.8839	0	33.8839	42,191,555	2,363	801	10.4382	12,997,385	23.4458	29,194,169	
TEN Months Ended JULY 2023														
R Residential	45,369	401,417,903	157,589,533	39.2582	0	39.2582	157,589,533	8,848	3,474	9.7160	39,001,926	29.5422	118,587,607	
D Residential - Apt & Condo	5	5,516,368	2,175,553	39.4381	0	39.4381	2,175,553	1,103,274	435,111	9.7240	536,409	29.7142	1,639,144	
G Small Gen. Non Demand	4,567	60,421,220	26,507,445	43.8711	0	43.8711	26,507,445	13,229	5,804	14.2278	8,596,611	29.6433	17,910,834	
J Small Gen. Demand	788	156,095,159	64,106,093	41.0686	0	41.0686	64,106,093	198,166	81,384	11.5541	18,035,334	29.5145	46,070,758	
P Large General	83	180,272,385	71,824,510	39.8422	0	39.8422	71,824,510	2,169,343	864,314	10.3645	18,684,411	29.4777	53,140,099	
I Independent Power Producer	3	937,925	373,964	39.8714	0	39.8714	373,964	312,642	124,655	11.0573	103,709	28.8141	270,255	
H Private St. Lights	500	311,389	293,171	94.1495	0	94.1495	293,171	623	587	64.6155	201,205	29.5340	91,966	
Sub-Total	51,314	804,972,349	322,870,268	40.1095	0	40.1095	322,870,268	15,687	6,292	10.5792	85,159,607	29.5303	237,710,662	
Government Service:														
S Small Non Demand	738	14,248,796	6,370,085	44.7061	0	44.7061	6,370,085	19,299	8,628	14.6502	2,087,478	30.0559	4,282,607	
K Small Demand	342	83,918,827	36,245,538	43.1912	0	43.1912	36,245,538	245,736	106,136	13.2879	11,151,060	29.9033	25,094,478	
L Large	23	46,742,190	19,216,884	41.1125	0	41.1125	19,216,884	2,032,269	835,517	11.8599	5,543,578	29.2526	13,673,306	
F Street Lighting (Agencies)	666	4,431,439	4,835,961	109.1284	0	109.1284	4,835,961	6,653	7,260	79.5855	3,526,782	29.5430	1,309,179	
Sub-Total	1,769	149,341,252	66,668,468	44.6417	0	44.6417	66,668,468	84,426	37,689	14.9382	22,308,898	29.7035	44,359,570	
U.S. Navy	1	237,719,703	76,441,338	32.1561	0	32.1561	76,441,338			6.5692	15,616,302	25.5869	60,825,036	
TOTAL	53,084	1,192,033,305	465,980,074	39.0912	0	39.0912	465,980,074	22,456	8,778	10.3256	123,084,807	28.7656	342,895,267	
Twelve Months Ended JULY 2023														
R Residential	45,368	490,512,398	191,172,889	38.9741		38.9741	191,172,889	10,812	4,214	9.6888	47,524,720	29.2853	143,648,170	
D Residential - Apt & Condo	5	6,983,676	2,675,495	38.3107		38.3107	2,675,495	1,396,735	535,099	9.0670	632,207	29.2437	2,042,287	
G Small Gen. Non Demand	4,566	75,165,499	32,677,804	43.4745		43.4745	32,677,804	16,463	7,157	14.1215	10,614,506	29.3530	22,063,298	
J Small Gen. Demand	779	187,914,342	76,538,240	40.7304		40.7304	76,538,240	241,199	98,241	11.4926	21,596,218	29.2378	54,942,022	
P Large General	83	217,946,161	85,938,183	39.4309		39.4309	85,938,183	2,620,595	1,033,325	10.3514	22,560,503	29.0795	63,377,680	
I Independent Power Producer	3	1,180,676	463,881	39.2895		39.2895	463,881	393,559	154,627	11.0999	131,054	28.1896	332,828	
H Private St. Lights	501	374,316	350,928	93.7516		93.7516	350,928	747	700	64.6270	241,909	29.1246	109,018	
Sub-Total	51,305	980,077,068	389,817,420	39.7742		39.7742	389,817,420	19,103	7,598	10.5402	103,302,117	29.2340	286,515,303	
Government Service:														
S Small Non Demand	736	17,926,747	7,893,399	44.0314		44.0314	7,893,399	24,349	10,721	14.5591	2,609,970	29.4723	5,283,429	
K Small Demand	342	102,264,103	43,600,842	42.6355		42.6355	43,600,842	299,091	127,519	13.2338	13,533,403	29.4018	30,067,439	
L Large	22	55,242,978	22,460,423	40.6575		40.6575	22,460,423	2,492,164	1,013,252	11.8060	6,521,959	28.8516	15,938,464	
F Street Lighting (Agencies)	664	5,351,713	5,790,909	108.2066		108.2066	5,790,909	8,061	8,722	79.0648	4,231,322	29.1418	1,559,587	
Sub-Total	1,764	180,785,542	79,745,572	44.1106		44.1106	79,745,572	102,472	45,201	14.8777	26,896,654	29.2329	52,848,919	
U.S. Navy	1	1,160,862,610	469,562,993	40.4495		40.4495	469,562,993	21,874	8,848	11.2157	130,198,771	29.2338	339,364,222	
U.S. Navy	1	289,830,377	93,897,364	32.3974		32.3974	93,897,364			6.5327	18,933,886	25.8646	74,963,478	

CCU Regular Board Meeting - GPA

GPA403

GUAM POWER AUTHORITY
ACCRUED REVENUE
12 MONTHS ENDED JULY 31, 2023

	TWELVE MONTHS ENDED	JULY 2023	JUNE 2023	MAY 2023	APRIL 2023	MARCH 2023	FEBRUARY 2023	JANUARY 2023	DECEMBER 2022	NOVEMBER 2022	OCTOBER 2022	SEPTEMBER 2022	AUGUST 2022
KWH SALES:													
Residential	490,512,398	43,136,033	29,974,604	36,669,436	42,978,575	41,620,238	37,127,957	40,085,893	43,379,411	44,438,989	42,006,767	44,105,031	44,989,464
Residential - Apt & Condo	6,983,676	595,943	467,097	491,859	588,524	591,100	538,072	607,542	641,336	629,467	365,427	846,899	620,409
Small General Non Demand	75,165,499	5,971,414	4,277,056	4,796,638	5,859,772	5,311,081	5,824,620	6,787,443	7,240,621	7,145,948	7,206,628	7,303,286	7,440,992
Small General Demand	187,914,342	17,385,853	11,826,660	14,027,081	17,132,676	17,714,408	14,631,953	15,589,534	16,149,806	15,807,037	15,830,151	15,651,511	16,167,671
Large General	217,946,161	19,579,817	14,095,502	15,584,256	18,615,072	18,937,481	17,266,514	18,898,736	19,538,055	18,947,397	18,809,554	18,604,465	19,069,312
Independent Power Producer	1,180,676	81,383	77,864	77,333	95,700	113,317	90,229	101,025	105,298	100,625	95,150	104,269	138,482
Private Outdoor Lighting	374,316	32,394	31,058	31,512	29,893	30,263	30,867	31,936	29,921	31,613	31,932	31,828	31,100
Sub-Total	980,077,068	86,782,837	60,749,840	71,678,115	85,300,213	84,317,888	75,510,213	82,102,108	87,084,449	87,101,076	84,345,610	86,647,290	88,457,429
Government Service:													
Small Non Demand	17,926,747	1,175,710	714,322	989,718	1,129,246	1,156,054	1,001,474	2,001,337	2,061,867	1,926,213	2,092,855	1,953,494	1,724,457
Small Demand	102,264,103	8,149,889	5,192,727	7,140,363	8,669,657	8,759,968	8,721,317	9,258,150	9,351,392	9,241,605	9,433,760	9,314,898	9,030,378
Large	55,242,978	4,845,784	4,075,135	4,591,436	5,736,824	5,635,263	4,607,123	4,250,129	4,436,992	4,303,339	4,260,165	4,274,663	4,226,126
Street Lighting (Agencies)	5,351,713	414,305	488,780	460,207	406,152	469,767	427,480	437,596	466,769	423,900	436,484	488,523	431,751
Sub-Total	180,785,542	14,585,688	10,470,964	13,181,724	15,941,879	16,021,053	14,757,394	15,947,212	16,317,019	15,895,055	16,223,264	16,031,578	15,412,712
Total	1,160,862,610	101,368,525	71,220,804	84,859,839	101,242,092	100,338,941	90,267,607	98,049,320	103,401,468	102,996,131	100,568,874	102,678,868	103,870,141
U.S. Navy	289,830,377	23,149,334	12,876,538	24,201,431	24,015,014	23,915,128	26,021,691	27,318,599	26,037,729	25,081,097	25,103,141	26,042,598	26,068,076
Grand Total	1,450,692,987	124,517,860	84,097,341	109,061,270	125,257,106	124,254,069	116,289,298	125,367,919	129,439,197	128,077,228	125,672,015	128,721,466	129,938,216
REVENUE:													
Residential	191,172,889	13,969,362	8,887,415	15,050,755	17,676,159	17,199,481	15,307,673	16,530,473	17,853,658	18,745,580	16,368,977	18,081,366	15,501,990
Residential - Apt & Condo	2,675,495	192,702	157,519	201,816	238,164	239,348	217,923	244,443	257,861	253,729	172,048	291,521	208,421
Small General Non Demand	32,677,804	2,210,926	1,485,043	2,198,698	2,682,063	2,457,448	2,673,862	3,089,178	3,285,850	3,317,413	3,106,964	3,300,091	2,870,269
Small General Demand	76,538,240	5,934,593	3,946,530	6,069,964	7,332,836	7,648,898	6,321,975	6,661,006	6,894,340	6,882,338	6,413,612	6,610,718	5,821,429
Large General	85,938,183	6,420,249	4,706,950	6,560,645	7,746,185	7,880,381	7,213,357	7,852,203	8,101,347	7,923,232	7,419,960	7,445,269	6,668,404
Independent Power Producer	463,881	27,847	26,977	32,375	39,591	47,382	36,908	40,796	43,820	41,604	36,663	41,425	48,493
Private Outdoor Lighting	350,928	28,061	27,034	29,999	29,323	29,402	29,758	30,215	29,432	30,062	29,885	29,690	28,066
Sub-Total	389,817,420	28,783,740	19,237,469	30,144,252	35,744,321	35,502,341	31,801,457	34,448,313	36,466,309	37,193,957	33,548,108	35,800,080	31,147,072
Government Service:													
Small Non Demand	7,893,399	445,363	276,470	467,278	529,777	541,405	472,435	912,583	939,626	879,524	905,625	847,682	675,632
Small Demand	43,600,842	2,937,841	1,982,058	3,254,161	3,871,569	3,904,590	3,909,788	4,123,345	4,160,507	4,118,429	3,983,251	3,926,242	3,429,062
Large	22,460,423	1,673,099	1,426,343	2,033,109	2,469,563	2,417,062	1,970,197	1,806,650	1,880,842	1,826,174	1,713,846	1,722,454	1,521,084
Street Lighting (Agencies)	5,790,909	448,580	469,851	502,936	471,191	502,191	492,241	488,431	499,164	483,931	477,445	512,797	442,151
Sub-Total	79,745,572	5,504,883	4,154,721	6,257,484	7,342,099	7,365,248	6,844,661	7,331,008	7,480,139	7,308,058	7,080,167	7,009,174	6,067,930
Total	469,562,993	34,288,623	23,392,190	36,401,735	43,086,421	42,867,589	38,646,118	41,779,322	43,946,448	44,502,015	40,628,276	42,809,255	37,215,002
U.S. Navy	93,897,364	7,902,931	4,345,758	6,948,307	7,377,927	7,141,214	8,230,255	9,077,194	9,274,918	9,952,503	6,190,330	8,615,354	8,840,672
Grand Total	563,460,356	42,191,555	27,737,948	43,350,042	50,464,347	50,008,803	46,876,373	50,856,515	53,221,366	54,454,518	46,818,606	51,424,609	46,055,673
NUMBER OF CUSTOMERS:													
Residential	45,368	45,010	45,354	45,545	45,445	45,402	45,374	45,461	45,378	45,371	45,347	45,359	45,368
Residential - Apt & Condo	5	5	5	5	5	5	5	5	5	5	5	5	5
Small General Non Demand	4,566	4,489	4,503	4,509	4,521	4,581	4,634	4,634	4,626	4,602	4,574	4,559	4,557
Small General Demand	779	836	836	839	841	841	758	713	741	735	737	735	737
Large General	83	83	83	83	83	83	83	83	83	83	84	83	84
Independent Power Producer	3	3	3	3	3	3	3	3	3	3	3	3	3
Private Outdoor Lighting	501	491	494	497	499	499	500	501	503	504	507	510	512
Sub-Total	51,305	50,917	51,278	51,481	51,397	51,414	51,357	51,400	51,339	51,303	51,257	51,254	51,266
Government Service:													
Small Non Demand	736	743	743	752	750	743	741	731	729	725	726	725	727
Small Demand	342	335	335	336	336	346	354	344	343	343	343	345	343
Large	22	28	28	28	28	26	20	18	18	18	18	18	18
Street Lighting (Agencies)	664	668	668	667	670	669	668	663	663	663	662	662	644
Sub-Total	1,764	1,774	1,774	1,783	1,784	1,784	1,783	1,756	1,753	1,749	1,749	1,750	1,732
Total	53,070	52,691	53,052	53,264	53,181	53,198	53,140	53,156	53,092	53,052	53,006	53,004	52,998
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1

CCU Regular Board Meeting - GPA

GPA 303

GUAM POWER AUTHORITY
FUEL AND NON-FUEL
JULY 2023

OLD RATE
LEAC 0.31858
DSM 0.003109
FUEL RATE 0.315467

NEW RATE
LEAC 0.231144
DSM 0.003109
FUEL RATE 0.228035

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
One Month - JULY 2023												
R Residential	45,010	43,136,033	13,969,362	32.3844	32.3844	13,969,362	958	310	9.5809	4,132,836	22.8035	9,836,525
D Residential - Apt & Condo	5	595,943	192,702	32.3356	32.3356	192,702	119,189	38,540	9.5321	56,806	22.8035	135,896
G Small Gen. Non Demand	4,489	5,971,414	2,210,926	37.0252	37.0252	2,210,926	1,330	493	14.2217	849,234	22.8035	1,361,691
J Small Gen. Demand	836	17,385,853	5,934,593	34.1346	34.1346	5,934,593	20,796	7,099	11.3407	1,971,673	22.7939	3,962,920
P Large General	83	19,579,817	6,420,249	32.7901	32.7901	6,420,249	235,901	77,352	10.1095	1,979,423	22.6806	4,440,827
I Independent Power Producer	3	81,383	27,847	34.2169	34.2169	27,847	27,128	9,282	12.1848	9,916	22.0321	17,930
H Private St. Lights	491	32,394	28,061	86.6254	86.6254	28,061	66	57	63.8219	20,674	22.8035	7,387
Sub-Total	50,917	86,782,837	28,783,740	33.1675	33.1675	28,783,740	1,704	565	10.3944	9,020,564	22.7731	19,763,177
Government Service:												
S Small Non Demand	743	1,175,710	445,363	37.8803	37.8803	445,363	1,582	599	15.0768	177,260	22.8035	268,103
K Small Demand	335	8,149,889	2,937,841	36.0476	36.0476	2,937,841	24,328	8,770	13.2441	1,079,381	22.8035	1,858,460
L Large	28	4,845,784	1,673,099	34.5269	34.5269	1,673,099	173,064	59,754	12.0437	583,614	22.4832	1,089,485
F Street Lighting (Agencies)	668	414,305	448,580	108.2729	108.2729	448,580	620	672	85.4694	354,104	22.8035	94,476
Sub-Total	1,774	14,585,688	5,504,883	37.7417	37.7417	5,504,883	8,222	3,103	15.0446	2,194,359	22.6971	3,310,524
U.S. Navy	1	23,149,334	7,902,931	34.1389	34.1389	7,902,931			7.6998	1,782,463	26.4391	6,120,468
TOTAL	52,692	124,517,860	42,191,555	33.8839	33.8839	42,191,555	2,363	801	10.4382	12,997,385	23.4458	29,194,169
TEN Months Ended JULY2023												
R Residential	45,369	401,417,903	157,589,533	39.2582	39.2582	157,589,533	8,848	3,474	9.7160	39,001,926	29.5422	118,587,607
D Residential - Apt & Condo	5	5,516,368	2,175,553	39.4381	39.4381	2,175,553	1,103,274	435,111	9.7240	536,409	29.7142	1,639,144
G Small Gen. Non Demand	4,567	60,421,220	26,507,445	43.8711	43.8711	26,507,445	13,229	5,804	14.2278	8,596,611	29.6433	17,910,834
J Small Gen. Demand	788	156,095,159	64,106,093	41.0686	41.0686	64,106,093	198,166	81,384	11.5541	18,035,334	29.5145	46,070,758
P Large General	83	180,272,385	71,824,510	39.8422	39.8422	71,824,510	2,169,343	864,314	10.3645	18,684,411	29.4777	53,140,099
I Independent Power Producer	3	937,925	373,964	39.8714	39.8714	373,964	312,642	124,655	11.0573	103,709	28.8141	270,255
H Private St. Lights	500	311,389	293,171	94.1495	94.1495	293,171	623	587	64.6155	201,205	29.5340	91,966
Sub-Total	51,314	804,972,349	322,870,268	40.1095	40.1095	322,870,268	15,687	6,292	10.5792	85,159,607	29.5303	237,710,662
Government Service:												
S Small Non Demand	738	14,248,796	6,370,085	44.7061	44.7061	6,370,085	19,299	8,628	14.6502	2,087,478	30.0559	4,282,607
K Small Demand	342	83,918,827	36,245,538	43.1912	43.1912	36,245,538	245,736	106,136	13.2879	11,151,060	29.9033	25,094,478
L Large	23	46,742,190	19,216,884	41.1125	41.1125	19,216,884	2,032,269	835,517	11.8599	5,543,578	29.2526	13,673,306
F Street Lighting (Agencies)	666	4,431,439	4,835,961	109.1284	109.1284	4,835,961	6,653	7,260	79.5855	3,526,782	29.5430	1,309,179
Sub-Total	1,769	149,341,252	66,668,468	44.6417	44.6417	66,668,468	84,426	37,689	14.9382	22,308,898	29.7035	44,359,570
U.S. Navy	1	237,719,703	76,441,338	32.1561	32.1561	76,441,338			6.5692	15,616,302	25.5869	60,825,036
TOTAL	53,084	1,192,033,305	465,980,074	39.0912	39.0912	465,980,074	22,456	8,778	10.3256	123,084,807	28.7656	342,895,267
Twelve Months Ended JULY 2023												
R Residential	45,368	490,512,398	191,172,889	38.9741	38.9741	191,172,889	10,812	4,214	9.6888	47,524,720	29.2853	143,648,170
D Residential - Apt & Condo	5	6,983,676	2,675,495	38.3107	38.3107	2,675,495	1,396,735	535,099	9.0670	633,207	29.2437	2,042,287
G Small Gen. Non Demand	4,566	75,165,499	32,677,804	43.4745	43.4745	32,677,804	16,463	7,157	14.1215	10,614,506	29.3530	22,063,298
J Small Gen. Demand	779	187,914,342	76,538,240	40.7304	40.7304	76,538,240	241,199	98,241	11.4926	21,596,218	29.2378	54,942,022
P Large General	83	217,946,161	85,938,183	39.4309	39.4309	85,938,183	2,620,595	1,033,325	10.3514	22,560,503	29.0795	63,377,680
I Independent Power Producer	3	1,180,676	463,881	39.2895	39.2895	463,881	393,559	154,627	11.0999	131,054	28.1896	332,828
H Private St. Lights	501	374,316	350,928	93.7516	93.7516	350,928	747	700	64.6270	241,909	29.1246	109,018
Sub-Total	51,305	980,077,068	389,817,420	39.7742	39.7742	389,817,420	19,103	7,598	10.5402	103,302,117	29.2340	286,515,303
Government Service:												
S Small Non Demand	736	17,926,747	7,893,399	44.0314	44.0314	7,893,399	24,349	10,721	14.5591	2,609,970	29.4723	5,283,429
K Small Demand	342	102,264,103	43,600,842	42.6355	42.6355	43,600,842	299,091	127,519	13.2338	13,533,403	29.4018	30,067,439
L Large	22	55,242,978	22,460,423	40.6575	40.6575	22,460,423	2,492,164	1,013,252	11.8060	6,521,959	28.8516	15,938,464
F Street Lighting (Agencies)	664	5,351,713	5,790,909	108.2066	108.2066	5,790,909	8,061	8,722	79.0648	4,231,322	29.1418	1,559,587
Sub-Total	1,764	180,785,542	79,745,572	44.1106	44.1106	79,745,572	102,472	45,201	14.8777	26,896,654	29.2329	52,848,919
U.S. Navy	1	1,160,862,610	469,562,993	40.4495	40.4495	469,562,993	21,874	8,848	11.2157	130,198,771	29.2338	339,364,222
U.S. Navy	1	289,830,377	93,897,364	32.3974	32.3974	93,897,364			6.5327	18,933,886	25.8646	74,963,478
TOTAL	53,071	1,450,692,987	563,460,356	38.8408	38.8408	563,460,356	27,335	10,617	10.2801	149,132,656	28.5607	414,327,700

CCU Regular Board Meeting - GPA

GPA-318
318Jul23

ENERGY ACCOUNT
FY 2023 Versus FY 2022

FOR INTERNAL USE ONLY

Gross Generation	July 2023		July 2022		Y T D 2023		Y T D 2022		MOVING TWELVE MONTHS		
	Number of days in Period	Peak demand	Date	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Number of days in Period	31		07/22/23	31		07/19/22	304		304		365
Peak demand	229			242		05/16/23	257		260		260
Date	07/22/23			07/19/22		05/16/23	09/07/22		09/07/22		09/07/22
	KWH	% change		KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:											
Kilowatt hours GPA:											
Cabras 1 & 2	38,248,000			58,389,000		401,457,000		499,863,000		517,023,000	
Cabras No. 3	0			0		0		0		0	
Cabras No. 4	0			0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	27,475,000			4,642,500		239,642,800		232,939,160		291,064,500	
MEC (ENRON) Piti 9 (IPP)	23,948,800			28,729,600		235,889,500		209,201,500		247,034,000	
TEMES Piti 7 (IPP)	12,253,289			12,897,582		103,269,453		130,966,256		126,386,226	
Tanguisson 2	0			0		0		0		0	
Tanguisson 1	0			0		0		0		0	
Diesels/CT's & Others:											
MDI 10MW	525,064			17,402		3,373,574		1,953,433		4,080,454	
NRG Solar Dandan	2,912,821			3,567,597		32,072,458		40,289,225		39,298,502	
KRPCO Mangilao Solar	8,810,687			10,401,101		97,959,598		24,607,999		119,844,209	
Dededo CT #1	2,891,760			2,662,100		33,103,800		37,866,550		40,051,460	
Dededo CT #2	5,055,730			3,313,790		34,082,160		46,808,860		42,772,790	
Macheche CT	6,672,722			711,020		21,974,024		35,761,453		27,563,656	
Yigo CT (Leased)	0			6,344,629		55,128,234		86,762,098		71,268,709	
Tenjo	2,347,810			138,560		7,632,990		13,511,380		9,053,490	
Talofoto 10 MW	924,810			119,900		4,467,220		4,653,100		5,555,630	
Aggreko/Yigo Diesel Units	5,256,977			10,134,147		49,651,905		45,700,552		63,913,867	
Wind Turbine*	0			0		0		0		0	
Orote	0			0		0		0		0	
Marbo	0			0		0		0		0	
Ratio to last year		96.66			94.25		93.54		98.76		94.45
Station use	5,106,487			5,568,358		46,604,887		52,415,349		57,347,314	
Ratio to Gross generation		3.72			3.92		3.53		3.72		3.57
Net send out	132,216,983			136,500,570		1,273,099,829		1,358,469,218		1,547,563,179	
Ratio to last year		96.86			94.33		93.72		98.90		94.66
KWH deliveries:											
Sales to Navy (@34.5kv)	23,149,334			27,220,577		237,719,702		261,330,014		289,830,376	
Ratio to last year		85.04			100.05		90.97		101.20		92.06
GPA-metered	109,067,649			109,279,993		1,035,380,127		1,097,139,204		1,257,732,803	
Ratio to last year		99.81			93.01		94.37		98.37		95.28
Power factor adj.	0			0		0		0		0	
Adjusted	109,067,649			109,279,993		1,035,380,127		1,097,139,204		1,257,732,803	
GPA KWH Accountability:											
Sales to civilian customers-accrual basis	101,368,525			102,416,536		954,313,601		1,020,169,842		1,160,862,610	
Ratio to last year		98.98			94.13		93.54		98.36		94.67
GPA use-KWH	300,259			299,422		3,065,531		2,908,678		3,685,087	
Unaccounted For	7,398,865			6,564,036		78,000,995		74,060,683		93,185,106	
Ratio to deliveries		6.78			6.01		7.53		6.75		7.41
Ratio to Gross Generation		5.39			4.62		5.91		5.25		5.81
Ratio to Net Send Out		5.61			4.82		6.13		5.45		6.04

GPA-317Jul23

**Guam Power Authority
Fuel Consumption
FY 2023**

Description	July 2023		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARREL S	AMOUNT
FUEL FURNISHED:						
NAVY:						
Diesel	0	0	0	0	0	0
Low/Ultra Sulfur	0	0	0	0	0	0
	0	0	0	0	0	0
GPA:						
High Sulfur	0	\$0	0	\$ -	5,080	\$ 479,108
Diesel	169,386	\$18,353,730	1,475,962	\$ 184,437,384	1,748,782	\$ 220,864,664
Low/Ultra Sulfur	70,135	\$9,382,939	716,683	\$ 111,014,123	915,366	\$ 134,211,749
Deferred Fuel Costs	0	-\$918,615	0	\$ 20,357,854	0	\$ 25,695,599
Fuel Adjustments	0	\$0		\$ 1,642,037	0	\$ 2,579,718
Fuel Handling Costs	0	\$2,376,115	0	\$ 25,443,869	0	\$ 30,496,861
	239,521	\$29,194,169	2,192,645	\$ 342,895,267	2,669,229	\$ 414,327,700
IWPS:						
High Sulfur	0	\$0	0	\$ -	5,080	\$ 479,108
Diesel	169,386	\$18,353,730	1,475,962	\$ 184,437,384	1,748,782	\$ 220,864,664
Low/Ultra Sulfur	70,135	\$9,382,939	716,683	\$ 111,014,123	915,366	\$ 134,211,749
Deferred Fuel Costs	0	-\$918,615	0	\$ 20,357,854	0	\$ 25,695,599
Fuel Variance	0	\$0		\$ 1,642,037		\$ 2,579,718
Fuel Handling Costs	0	\$2,376,115	0	\$ 25,443,869	0	\$ 30,496,861
	239,521	\$29,194,169	2,192,645	\$ 342,895,267	2,669,229	\$ 414,327,700
AVERAGE COST/Bbl.						
High Sulfur		\$0.00		\$0.00		\$94.30
Diesel		\$108.35		\$124.96		\$126.30
Low/Ultra Sulfur		\$133.78		\$154.90		\$146.62
AS BURNED						
Cabras 1 & 2						
High Sulfur	0	\$ -	0	\$ -	5,080	\$ 479,108
Low/Ultra Sulfur	70,135	\$ 9,382,939	716,683	\$ 111,014,123	915,366	\$ 134,211,749
Diesel	304	\$ 34,343	1,869	\$ 258,565	1,982	\$ 276,326
	70,439	\$ 9,417,282	718,552	\$ 111,272,688	922,429	\$ 134,967,184
Cabras 3 & 4						
High Sulfur	0	\$ -	0	\$ -	0	\$ -
Low/Ultra Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	0	\$ -	0	\$ -	0	\$ -
	0	\$ -	0	\$ -	0	\$ -
MEC (Piti Units 8&9)						
High Sulfur	0	\$ -	0	\$ -	0	\$ -
Low/Ultra Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	76,882	\$ 8,363,929	712,271	\$ 92,581,990	805,261	\$ 101,142,497
	76,882	\$ 8,363,929	712,271	\$ 92,581,990	805,261	\$ 101,142,497
Diesel & CT's - GPA:						
MDI Dsl	826	\$ 120,270	5,419	\$ 828,912	6,535	\$ 964,837
Dededo CT #1	8,909	\$ 906,032	99,021	\$ 11,262,950	119,084	\$ 14,419,068
Dededo CT #2	15,323	\$ 1,558,374	102,030	\$ 11,673,712	126,793	\$ 15,554,836
Macheche CT	13,839	\$ 1,414,479	45,805	\$ 5,078,507	56,389	\$ 6,768,212
Yigo CT	0	\$ -	113,427	\$ 14,355,027	145,833	\$ 19,327,002
Talofofo 10 MW	1,566	\$ 160,300	7,555	\$ 840,382	9,381	\$ 1,139,557
Aggreko	11,034	\$ 1,126,428	96,301	\$ 11,888,215	123,280	\$ 16,033,456
Tenjo	3,928	\$ 465,380	12,819	\$ 1,478,496	15,206	\$ 1,686,383
TEMES (IPP)	33,401	\$ 3,591,855	275,801	\$ 33,528,836	334,899	\$ 42,814,172
GWA Generators	3,374	\$ 612,340	3,644	\$ 661,792	4,137	\$ 738,319
	92,200	\$ 9,955,459	761,822	\$ 91,596,829	941,540	\$ 119,445,841
Deferred Fuel Costs	0	\$ (918,615)		\$ 20,357,854		\$ 25,695,599
Adjustment		\$ -		\$ 1,642,037		\$ 2,579,718
Fuel Handling Costs	0	\$ 2,376,115		\$ 25,443,869		\$ 30,496,861
TOTAL	239,521	\$ 29,194,169	2,192,645	\$ 342,895,267	2,669,229	\$ 414,327,700

Statement of operations Comparison-Budget versus Actual For the month and year to date ended July 31, 2023						
	Budget	Actual July-23	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	109,036	101,369	7,667	1,041,460	954,314	87,146
Non-fuel yield	\$ 0.111694	\$ 0.110635	\$ 0.001059	\$ 0.112716	\$ 0.112613	\$ 0.000103
KwH Sales-Navy	27,679	23,149	4,529	267,193	237,720	29,473
Non-fuel yield	\$ 0.062785	\$ 0.076998	\$ (0.014214)	\$ 0.062512	\$ 0.065692	\$ (0.003180)
Operating revenue						
Civilian sales	12,179	11,215	964	117,389	107,469	9,921
Oil	47,617	29,194	18,423	395,256	342,895	52,361
Navy	1,738	1,782	-45	16,703	15,616	1,087
DSM-Rebates	0	294	-294	0	2,969	-2,969
Other income	184	295	-111	1,843	2,476	-633
	<u>61,718</u>	<u>42,781</u>	<u>18,937</u>	<u>531,192</u>	<u>471,426</u>	<u>59,766</u>
Bad debts expense	100	100	0	998	998	0
Total operating revenues	<u>61,618</u>	<u>42,681</u>	<u>18,937</u>	<u>530,193</u>	<u>470,427</u>	<u>59,766</u>
Operating expenses:						
Production fuel	47,617	29,194	18,423	395,256	342,895	52,361
O & M expenses:						
Other production	1,992	1,415	577	18,071	13,689	4,381
Transmission distribution	1,175	243	932	12,010	10,062	1,948
Administrative expense	3,332	2,240	1,092	35,627	27,002	8,625
Customer accounting	650	492	158	5,769	5,257	512
	<u>7,148</u>	<u>4,390</u>	<u>2,759</u>	<u>71,476</u>	<u>56,010</u>	<u>15,466</u>
IPP costs	1,166	859	307	11,663	8,627	3,037
Depreciation	3,489	2,974	515	34,887	28,999	5,887
	<u>59,421</u>	<u>37,416</u>	<u>22,004</u>	<u>513,282</u>	<u>436,532</u>	<u>76,750</u>
Operating income	<u>2,197</u>	<u>5,264</u>	<u>-3,067</u>	<u>16,911</u>	<u>33,896</u>	<u>-16,984</u>
Other revenue (expenses):						
Investment income	83	494	-410	833	3,109	-2,276
Interest expense	(1,943)	(1,951)	8	(19,434)	(19,509)	75
Allowance for funds used during construction	0	0	0	0	14	(14)
Pandemic -COVID19	0	0	0	0	(72)	72
Losses due to typhoon	0	(0)	0	0	(38)	38
Bond issuance costs/Other expenses	40	35	4	396	267	129
Net income before capital contribution	<u>377</u>	<u>3,842</u>	<u>(3,465)</u>	<u>(1,294)</u>	<u>17,667</u>	<u>(18,962)</u>
Grants from the U.S. Government	<u>-</u>	<u>237</u>	<u>(237)</u>	<u>-</u>	<u>2,571</u>	<u>(2,571)</u>
Increase (decrease) in net assets	<u>377</u>	<u>4,079</u>	<u>(3,702)</u>	<u>(1,294)</u>	<u>20,238</u>	<u>(21,532)</u>

Category	YTD Budget (\$000)	YTD Actual (\$000)
Civilian sales	109,036	101,369
Oil	47,617	29,194
Navy	1,738	1,782
Other income	184	295

Category	YTD Budget (\$000)	YTD Actual (\$000)
Fuel	47,617	29,194
Other Prod	1,992	1,415
T&D	1,175	243
A&G	3,332	2,240
Customer Acc'tg	650	492
IPP costs	1,166	859
Depreciation	3,489	2,974
Interest	(1,943)	(1,951)

CCU Regular Board Meeting - GPA

Guam Power Authority Debt service coverage July 31, 2023							
	Restated 2017	Audited 2018	Audited 2019	Audited 2020	Audited 2021	Unaudited 2022	YTD Unaudited 2023
Funds Available for Debt Service							
Earnings from Operations	\$36,522	\$38,164	\$39,053	\$27,703	\$33,341	\$44,445	\$33,896
Interest Income	\$122	\$620	\$2,746	836	(245)	(338)	2,929
Depreciation Expense	44,292	37,184	36,999	37,645	38,235	35,213	28,999
Balance Available for Debt Service	\$80,936	\$75,968	\$78,798	\$66,184	\$71,331	\$79,320	\$65,824
IPP - Capital Costs							
Principal	\$20,796	\$23,210	\$13,470	\$8,399	\$2,217	\$0	-
Interest	5,609	3,159	1,068	531	28	0	0
Total IPP Payments	\$26,405	\$26,369	\$14,538	\$8,930	\$2,245	\$0	\$0
Bond Debt Service							
Principal (1993 & 1999 Revenue Bond)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interest (1993 & 1999 Revenue Bond)	0	0	0	0	0	0	0
Principal and Interest (2010 Subordinate Bond)	0	0	0	0	0	0	0
Principal and Interest (2010 Senior TE Bond)	7,999	2,000	0	0	0	0	0
Principal and Interest (2012 Senior TE Bond)	17,449	17,086	31,467	35,232	35,232	20,746	0
Principal and Interest (2014 Senior TE Bond)	5,084	5,083	5,084	5,087	5,088	5,086	4,235
Principal and Interest (2017 Senior TE Bond)		5,916	7,607	7,418	7,416	7,733	9,543
Principal and Interest (2022 Bond)						8,745	26,222
Total	\$30,532	\$30,086	\$44,158	\$47,737	\$47,736	\$42,310	\$40,001
Debt Service Coverage (DSC) Calculation							
Existing DSC Methodology (Senior)	1.79 x	1.65 x	1.46 x	1.20 x	1.45	1.87 x	1.65
Existing DSC Methodology (Senior+Subordinate)	1.79 x	1.65 x	1.46 x	1.20 x	1.45	1.87 x	1.65
Bond Covenant DSC	2.65 x	2.53 x	1.78 x	1.39 x	1.49	1.87 x	1.65
Debt Service Coverage Requirements							
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75 x	1.75 x	1.75	1.75 x	1.75
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30 x	1.30 x	1.30	1.30 x	1.30
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20 x	1.20 x	1.20 x	1.20	1.20 x	1.20

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)

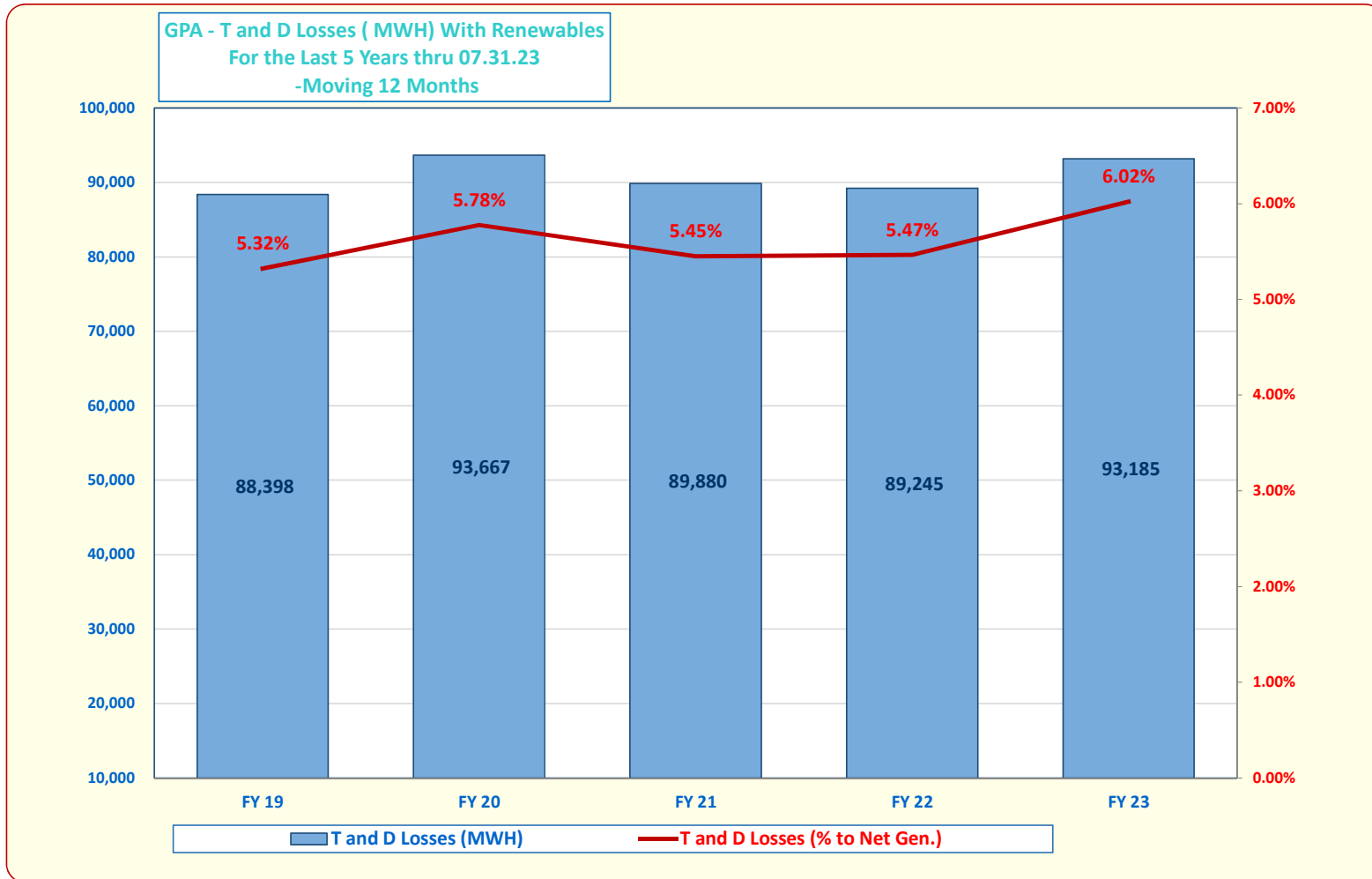
Month	Existing Methodology	Bond covenant calc	Target	Bond requirement
Aug-22	1.79	2.65	1.75	1.30
Sep-22	1.75	2.55	1.75	1.30
Oct-22	1.70	2.50	1.75	1.30
Nov-22	1.68	2.45	1.75	1.30
Dec-22	1.65	2.40	1.75	1.30
Jan-23	1.65	2.35	1.75	1.30
Feb-23	1.65	2.30	1.75	1.30
Mar-23	1.65	2.25	1.75	1.30
Apr-23	1.65	2.20	1.75	1.30
May-23	1.65	2.15	1.75	1.30
Jun-23	1.65	2.10	1.75	1.30
Jul-23	1.65	2.05	1.75	1.30

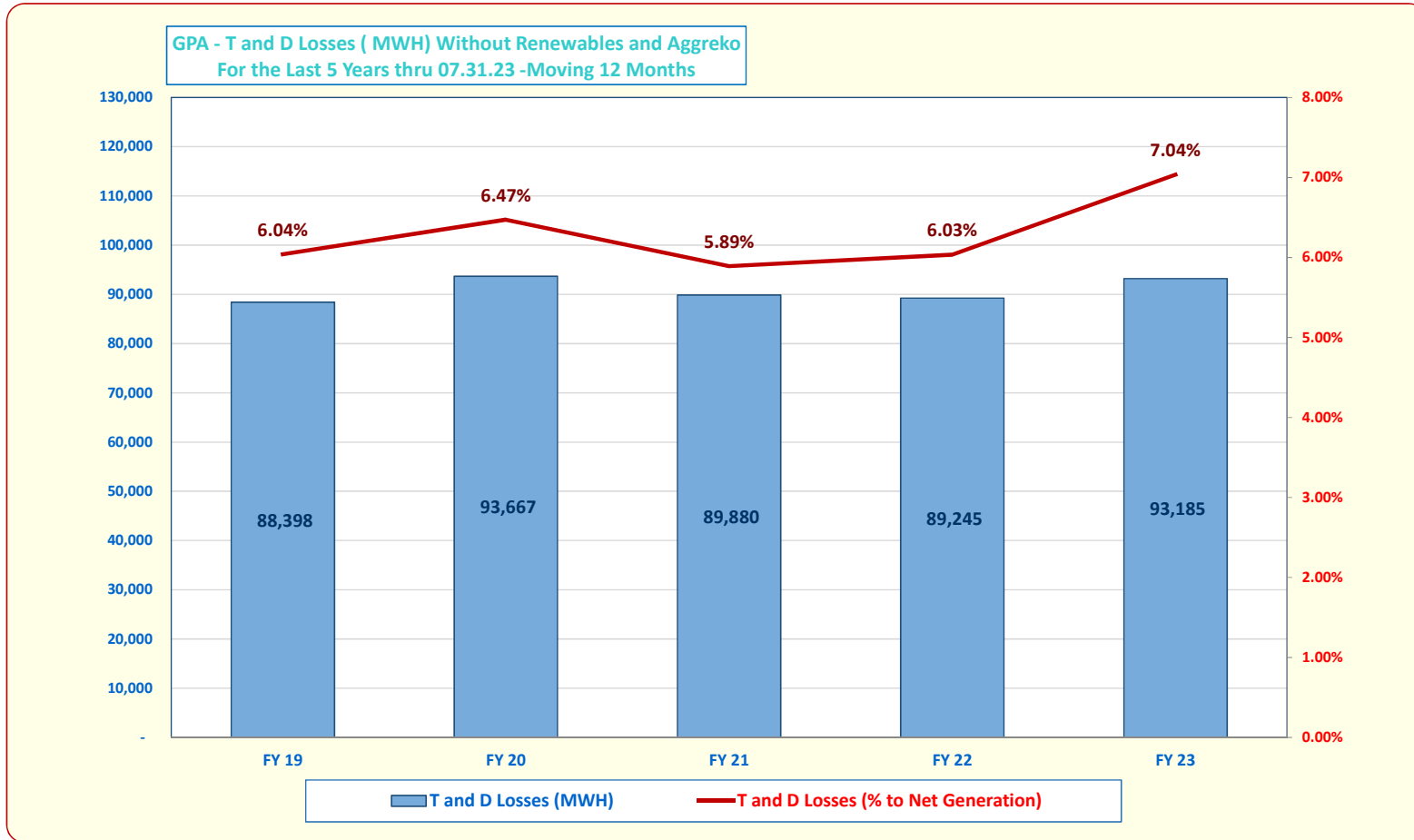
CCU Regular Board Meeting - GPA

REVENUES-ACTUAL VS PROJECTIONS								
	MONTHLY - JULY 2023				YTD THRU 07/31/2023			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	50,821,798	43,136,033	(7,685,765)	-15.12%	478,489,693	401,417,903	(77,071,790)	-16.11%
Residential - Apt & Condo	649,226	595,943	(53,284)	-8.21%	6,370,827	5,516,368	(854,460)	-13.41%
Small General-Non-Demand	7,041,414	5,971,414	(1,070,000)	-15.20%	68,353,212	60,421,220	(7,931,991)	-11.60%
Small General-Demand	16,937,063	17,385,853	448,790	2.65%	161,386,129	156,095,159	(5,290,970)	-3.28%
Large	18,882,737	19,579,817	697,080	3.69%	180,393,659	180,272,385	(121,274)	-0.07%
Independent Power Producers	33,951	81,383	47,432	139.71%	330,730	937,925	607,195	183.59%
Private St. Lites	31,518	32,394	875	2.78%	322,639	311,389	(11,250)	-3.49%
Sub-total	94,397,708	86,782,837	(7,614,871)	-8.07%	895,646,890	804,972,349	(90,674,540)	-10.12%
Government								
Small_Non Demand	923,003	1,175,710	252,707	27.38%	9,586,205	14,248,796	4,662,592	48.64%
Small-Demand	8,706,346	8,149,889	(556,457)	-6.39%	89,353,269	83,918,827	(5,434,442)	-6.08%
Large	4,383,118	4,845,784	462,666	10.56%	42,135,575	46,742,190	4,606,615	10.93%
Public St. Lites	625,794	414,305	(211,489)	-33.80%	5,094,385	4,431,439	(662,946)	-13.01%
Sub-total	14,638,261	14,585,688	(52,573)	-0.36%	146,169,433	149,341,252	3,171,819	2.17%
Total-Civilian	109,035,969	101,368,525	(7,667,444)	-7.03%	1,041,816,323	954,313,602	(87,502,721)	-8.40%
USN	27,678,589	23,149,334	(4,529,255)	-16.36%	266,033,677	237,719,703	(28,313,974)	-10.64%
Grand Total	136,714,559	124,517,860	(12,196,699)	-8.92%	1,307,850,000	1,192,033,305	(115,816,695)	-8.86%
Non-Oil Yield								
Residential	0.096931	0.095809	(0.001122)	-1.16%	0.099300	0.097160	(0.002140)	-2.15%
Residential - Apt & Condo	0.087032	0.095321	0.008289	9.52%	0.087032	0.097240	0.010207	11.73%
Small General-Non-Demand	0.142310	0.142217	(0.000093)	-0.07%	0.142310	0.142278	(0.000032)	-0.02%
Small General-Demand	0.115858	0.113407	(0.002451)	-2.12%	0.115858	0.115541	(0.000317)	-0.27%
Large	0.106905	0.101095	(0.005810)	-5.43%	0.106905	0.103645	(0.003260)	-3.05%
Independent Power Producers	0.112407	0.121848	0.009441	0.00%	0.112407	0.110573	(0.001834)	-0.00%
Private St. Lites	0.0626748	0.0638219	0.011470	1.83%	0.0626748	0.0646199	0.0019451	3.10%
Sub-total	0.105821	0.103944	(0.001877)	-1.77%	0.107205	0.105792	(0.001413)	-1.32%
Government								
Small_Non Demand	0.159391	0.150768	(0.008623)	-5.41%	0.159391	0.146509	(0.012882)	-8.08%
Small-Demand	0.131951	0.132441	0.000490	0.37%	0.131951	0.132879	0.000928	0.70%
Large	0.120858	0.120437	(0.000421)	-0.35%	0.120858	0.118599	(0.002259)	-1.87%
Public St. Lites	0.581168	0.854694	0.273526	47.06%	0.581168	0.795855	0.214687	36.94%
Sub-total	0.149564	0.150446	0.000882	0.59%	0.146209	0.149383	0.003173	2.17%
Total-Civilian	0.111694	0.110635	(0.001059)	-0.95%	0.112678	0.112614	(0.000064)	-0.06%
USN	0.062785	0.076998	0.014214	22.64%	0.062785	0.065692	0.002907	4.63%
Grand Total	0.101792	0.104382	0.002590	2.54%	0.102529	0.103256	0.000727	0.71%
Non-Oil Revenues								
Residential	4,926,204	4,132,836	(793,368)	-16.11%	47,514,050	39,001,926	(8,512,124)	-17.91%
Residential - Apt & Condo	56,504	56,806	302	0.53%	554,469	536,409	(18,060)	-3.26%
Small General-Non-Demand	1,002,063	849,234	(152,829)	-15.25%	9,727,340	8,596,611	(1,130,729)	-11.62%
Small General-Demand	1,962,292	1,971,673	9,381	0.48%	18,697,849	18,035,334	(662,514)	-3.54%
Large	2,018,662	1,979,423	(39,239)	-1.94%	19,285,012	18,684,411	(600,601)	-3.11%
Independent Power Producers	3,816	9,916	6,100	159.84%	37,176	103,709	66,533	178.96%
Private St. Lites	19,754	20,674	920	4.66%	202,214	201,219	(994)	-0.49%
Sub-total	9,989,295	9,020,564	(968,732)	-9.70%	96,018,110	85,159,620	(10,858,489)	-11.31%
Government								
Small_Non Demand	147,118	177,260	30,142	20.49%	1,527,955	2,087,579	559,624	36.63%
Small-Demand	1,148,813	1,079,381	(69,432)	-6.04%	11,790,271	11,151,060	(639,211)	-5.42%
Large	529,735	583,614	53,879	10.17%	5,092,424	5,543,578	451,154	8.86%
Public St. Lites	363,691	354,104	(9,587)	-2.64%	2,960,691	3,526,782	566,091	19.12%
Sub-total	2,189,358	2,194,359	5,001	0.23%	21,371,341	22,308,999	937,658	4.39%
Total-Civilian	12,178,653	11,214,922	(963,731)	-7.91%	117,389,451	107,468,619	(9,920,832)	-8.45%
USN	1,737,792	1,782,463	44,671	2.57%	16,702,842	15,616,302	(1,086,540)	-6.51%
Grand Total	13,916,445	12,997,385	(919,059)	-6.60%	134,092,293	123,084,921	(11,007,372)	-8.21%
% of Total Revenues	40.30%	30.81%			40.47%	26.41%		
Oil Revenues								
Residential	7,663,927	9,836,525	2,172,598	28.35%	72,156,246	118,587,607	46,431,361	64.35%
Residential - Apt & Condo	97,903	135,896	37,992	38.81%	960,721	1,639,144	678,423	70.62%
Small General-Non-Demand	1,061,845	1,361,691	299,846	28.24%	10,307,664	17,910,834	7,603,170	73.76%
Small General-Demand	2,554,109	3,962,920	1,408,811	55.16%	24,337,028	46,070,758	21,733,730	89.30%
Large	2,847,517	4,440,827	1,593,310	55.95%	27,203,364	53,140,099	25,936,735	95.34%
Independent Power Producers	5,120	17,930	12,811	250.22%	49,874	270,255	220,380	441.87%
Private St. Lites	4,753	7,387	2,634	55.42%	48,654	91,966	43,312	89.02%
Sub-total	14,235,174	19,763,177	5,528,002	38.83%	135,063,551	237,710,662	102,647,111	76.00%
Government								
Small_Non Demand	139,189	268,103	128,914	92.62%	1,445,600	4,282,607	2,837,007	196.25%
Small-Demand	1,312,917	1,858,460	545,543	41.55%	13,474,473	25,094,478	11,620,005	86.24%
Large	660,974	1,089,485	428,511	64.83%	6,354,045	13,673,306	7,319,262	115.19%
Public St. Lites	94,370	94,476	106	0.11%	768,233	1,309,179	540,946	70.41%
Sub-total	2,207,450	3,310,524	1,103,075	49.97%	22,042,350	44,359,570	22,317,220	101.25%
Total-Civilian	16,442,624	23,073,701	6,631,077	40.33%	157,105,901	282,070,232	124,964,330	79.54%
USN	4,173,931	6,120,468	1,946,537	46.64%	40,117,878	60,825,036	20,707,158	51.62%
Grand Total	20,616,555	29,194,169	8,577,614	41.61%	197,223,780	342,895,268	145,671,488	73.86%
	59.70%	69.19%			59.53%	73.59%		
Grand Total								
Residential	12,590,132	13,969,362	1,379,230	10.95%	119,670,296	157,589,533	37,919,237	31.69%
Residential - Apt & Condo	154,407	192,702	38,295	19.87%	1,515,190	2,175,553	660,363	43.58%
Small General-Non-Demand	2,063,908	2,210,926	147,017	7.12%	20,035,005	26,507,445	6,472,440	32.31%
Small General-Demand	4,516,401	5,934,593	1,418,193	31.40%	43,034,877	64,106,093	21,071,216	48.96%
Large	4,866,179	6,420,249	1,554,071	31.94%	46,488,376	71,824,510	25,336,134	54.50%
Independent Power Producers	8,936	27,847	18,911	211.62%	87,051	373,964	286,913	329.59%
Private St. Lites	24,507	28,061	3,554	14.50%	250,868	293,171	42,304	16.86%
Sub-total	24,224,470	28,783,740	4,559,270	18.82%	231,081,661	322,870,268	91,788,607	39.72%
Government								
Small_Non Demand	286,307	445,363	159,056	55.55%	2,973,555	6,370,085	3,396,530	114.22%
Small-Demand	2,461,730	2,937,841	476,111	19.34%	25,264,744	36,245,538	10,980,794	43.46%
Large	1,190,709	1,673,099	482,390	40.51%	11,446,669	19,216,884	7,770,215	67.88%
Public St. Lites	458,061	448,580	(9,481)	-2.07%	3,728,924	4,835,961	1,107,036	29.69%
Sub-total	4,396,807	5,504,883	1,108,076	25.20%	43,413,692	66,668,468	23,254,776	53.57%
Total-Civilian	28,621,277	34,288,623	5,667,346	19.80%	274,495,353	389,538,736	115,043,383	41.91%
USN	5,911,723	7,902,931	1,991,208	33.68%	56,820,720	76,441,338	19,620,618	34.53%
Grand Total	34,533,000	42,191,555	7,658,554	22.18%	331,316,073	465,980,074	134,664,001	40.65%

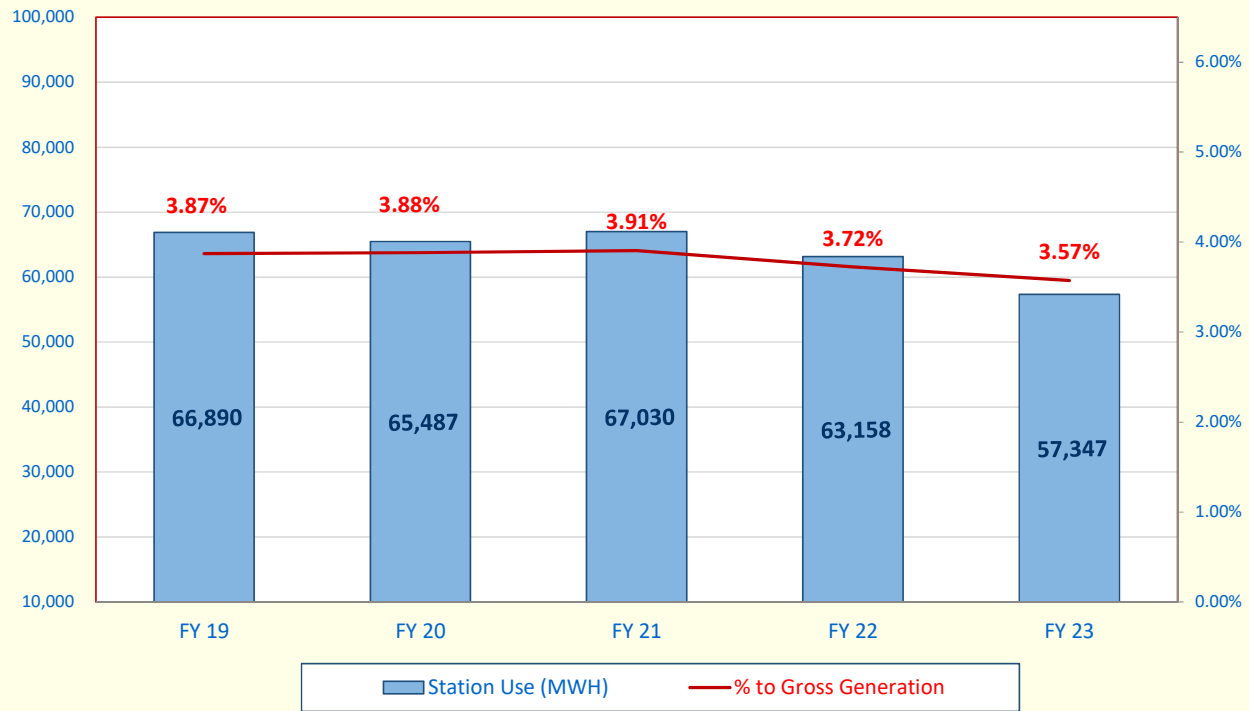
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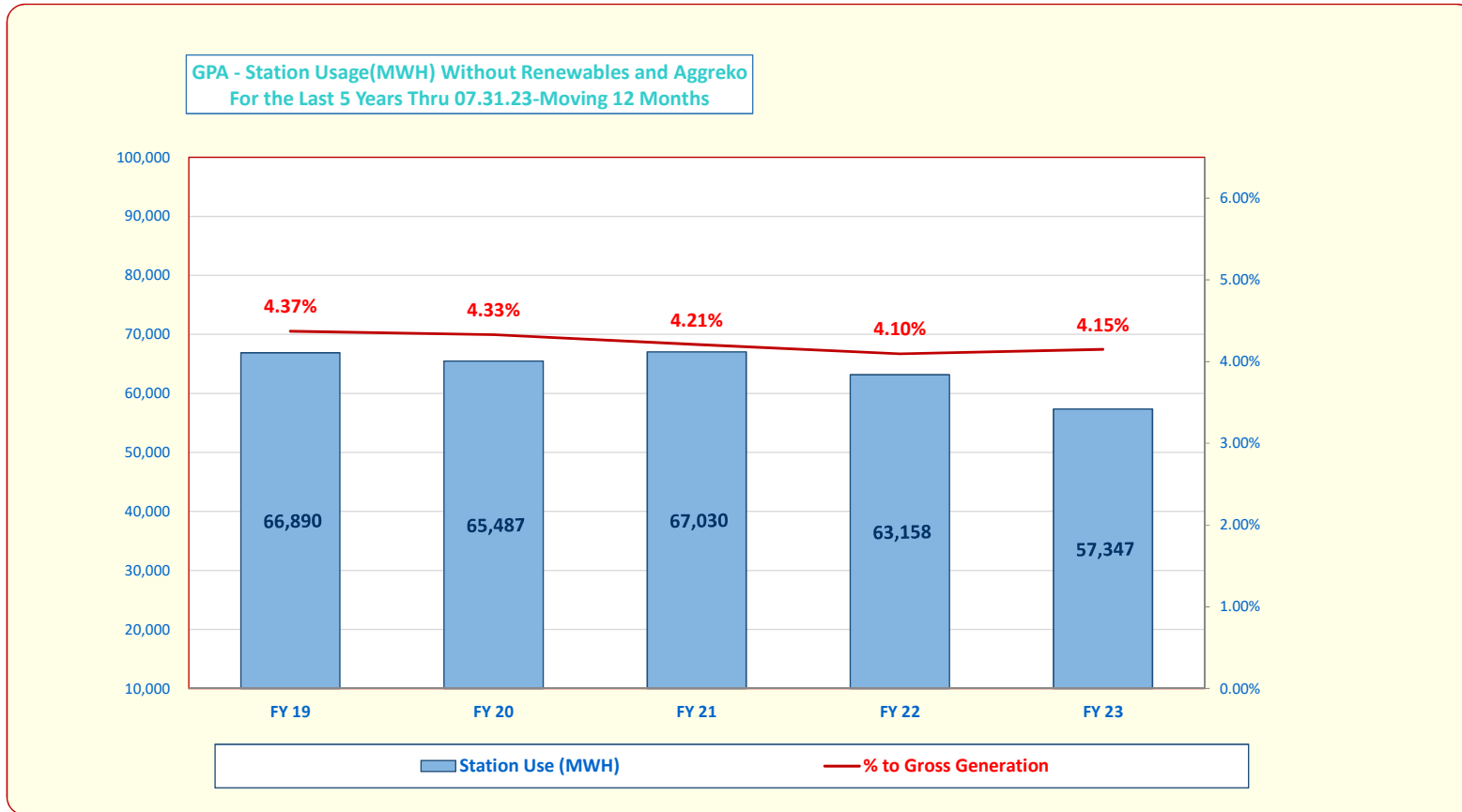
	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 10 MONTHS ENDED JULY				ACTUALS - MONTH ENDED JULY 2023			
	2023	2022	VARIANCE	% VARIANCE	2023	2022	VARIANCE	% VARIANCE
KWH								
Residential	401,417,903	458,688,097	(57,270,194)	-12.49%	43,136,033	44,154,849	(1,018,816)	-2.31%
Residential - Apt & Condo	5,516,368	6,307,693	(791,326)	-12.55%	595,943	612,209	(16,267)	-2.66%
Small General-Non-Demand	60,421,220	70,198,560	(9,777,339)	-13.93%	5,971,414	7,261,891	(1,290,477)	-17.77%
Small General-Demand	156,095,159	156,382,307	(287,148)	-0.18%	17,385,853	15,923,953	1,461,899	9.18%
Large	180,272,385	177,608,252	2,664,133	1.50%	19,579,817	19,068,609	511,209	2.68%
Independent Power Producers	937,925	532,736	405,190	76.06%	81,383	236,018	(154,635)	-65.52%
Private St. Lites	311,389	317,135	(5,746)	-1.81%	32,394	29,325	3,069	10.47%
Sub-total	804,972,349	870,034,780	(65,062,430)	-7.48%	86,782,837	87,286,854	(504,017)	-0.58%
Government								
Small_Non Demand	14,248,796	11,828,715	2,420,082	20.46%	1,175,710	1,560,970	(385,260)	-24.68%
Small-Demand	83,918,827	92,536,612	(8,617,785)	-9.31%	8,149,889	8,972,206	(822,318)	-9.17%
Large	46,742,190	41,402,549	5,339,640	12.90%	4,845,784	4,206,439	639,345	15.20%
Public St. Lites	4,431,439	4,367,186	64,254	1.47%	414,305	390,067	24,239	6.21%
Sub-total	149,341,252	150,135,062	(793,810)	-0.53%	14,585,688	15,129,682	(543,994)	-3.60%
Total-Civilian	954,313,602	1,020,169,842	(65,856,240)	-6.46%	101,368,525	102,416,536	(1,048,011)	-1.02%
USN	237,719,703	261,330,016	(23,610,312)	-9.03%	23,149,334	27,220,577	(4,071,243)	-14.96%
Grand Total	1,192,033,305	1,281,499,857	(89,466,552)	-6.98%	124,517,860	129,637,114	(5,119,254)	-3.95%
Non-Oil Yield								
Residential	0.097160	0.099810	-0.002649	-2.65%	0.095809	0.095875	-0.000066	-0.07%
Residential - Apt & Condo	0.097240	0.086870	0.010369	11.94%	0.095321	0.087389	0.007932	9.08%
Small General-Non-Demand	0.142278	0.142078	0.000200	0.14%	0.142217	0.138056	0.004161	3.01%
Small General-Demand	0.115541	0.115815	-0.000275	-0.24%	0.113407	0.112343	0.001064	0.95%
Large	0.103645	0.107204	-0.003558	-3.32%	0.101095	0.102716	-0.001621	-1.58%
Independent Power Producers	0.110573	0.115033	-0.004460	-3.88%	0.121848	0.110773	0.011075	10.00%
Private St. Lites	0.046199	0.039832	0.006367	1.00%	0.038219	0.066602	-0.028384	-4.26%
Sub-total	0.105792	0.107719	-0.001927	-1.79%	0.103944	0.104056	-0.000111	-0.11%
Government								
Small_Non Demand	0.146509	0.151571	-0.005062	-3.34%	0.150768	0.145085	0.005683	3.92%
Small-Demand	0.132879	0.129989	0.002890	2.22%	0.132441	0.131017	0.001424	1.09%
Large	0.118599	0.115025	0.003574	3.11%	0.120437	0.114629	0.005809	5.07%
Public St. Lites	0.079585	0.076752	0.002833	3.73%	0.085464	0.085832	-0.000368	-0.42%
Sub-total	0.149383	0.146099	0.003283	2.25%	0.150446	0.146522	0.003924	2.68%
Total-Civilian	0.112614	0.113367	-0.000754	-0.66%	0.110635	0.110329	0.000306	0.28%
USN	0.065692	0.061633	0.004060	6.59%	0.076988	0.061829	0.015169	24.53%
Grand Total	0.103256	0.102817	0.000439	0.43%	0.104382	0.100145	0.004237	4.23%
Non-Oil Revenues								
Residential	39,001,926	45,781,604	(6,779,678)	-14.81%	4,132,836	4,233,350	(100,513)	-2.37%
Residential - Apt & Condo	536,409	547,951	(11,542)	0.00%	56,806	53,500	3,306	6.18%
Small General-Non-Demand	8,596,611	9,973,649	(1,377,038)	-13.81%	849,234	1,002,549	(153,315)	-15.29%
Small General-Demand	18,035,334	18,111,465	(76,130)	-0.42%	1,971,673	1,788,937	182,736	10.21%
Large	18,684,411	19,040,242	(355,831)	-1.87%	1,979,423	1,958,649	20,773	1.06%
Independent Power Producers	103,709	61,282	42,427	69.23%	9,916	26,144	(16,228)	-62.07%
Private St. Lites	201,219	202,913	(1,694)	-0.83%	20,674	19,548	1,126	5.76%
Sub-total	85,159,620	93,719,106	(8,559,486)	-9.13%	9,020,564	9,082,678	(62,115)	-0.68%
Government								
Small_Non Demand	2,087,579	1,792,887	294,692	16.44%	177,260	226,474	(49,214)	-21.73%
Small-Demand	11,151,060	12,028,715	(877,655)	-7.30%	1,079,381	1,175,510	(96,129)	-8.18%
Large	5,543,578	4,762,319	781,259	16.41%	583,614	482,179	101,435	21.04%
Public St. Lites	3,526,782	3,350,734	176,048	5.25%	354,104	332,662	21,442	6.45%
Sub-total	22,308,999	21,934,654	374,344	1.71%	2,194,359	2,216,824	(22,466)	-1.01%
Total-Civilian	107,468,619	115,653,761	(8,185,141)	-7.08%	11,214,922	11,299,503	(84,580)	-0.75%
USN	15,616,302	16,106,442	(490,140)	-3.04%	1,782,463	1,883,026	(99,437)	-5.91%
Grand Total	123,084,921	131,760,202	(8,675,281)	-6.58%	12,997,385	12,982,529	14,857	0.11%
	% of Total Revenues							
Oil Revenues								
Residential	118,587,607	85,982,225	32,605,382	37.92%	9,836,525	11,906,052	(2,069,526)	-17.38%
Residential - Apt & Condo	1,639,144	1,168,824	470,319	40.24%	135,896	152,926	(17,030)	-11.14%
Small General-Non-Demand	17,910,834	13,240,312	4,670,522	35.28%	1,361,691	1,956,355	(594,664)	-30.40%
Small General-Demand	46,070,758	29,271,989	16,798,770	57.39%	3,962,920	4,208,380	(245,460)	-5.83%
Large	53,140,099	32,968,169	20,171,930	61.19%	4,440,827	4,812,105	(371,279)	-7.72%
Independent Power Producers	270,255	101,880	168,374	165.27%	17,930	50,997	(33,067)	-64.84%
Private St. Lites	91,966	58,666	33,299	56.76%	7,387	7,288	99	1.36%
Sub-total	237,710,662	162,792,065	74,918,597	46.02%	19,763,177	23,094,103	(3,330,926)	-14.42%
Government								
Small_Non Demand	4,282,607	2,259,897	2,022,710	89.50%	268,103	387,946	(119,843)	-30.89%
Small-Demand	25,094,478	17,155,949	7,938,529	46.27%	1,858,460	2,229,853	(371,394)	-16.66%
Large	13,673,306	7,569,830	6,103,476	80.63%	1,089,485	1,027,717	61,768	6.01%
Public St. Lites	1,309,179	804,627	504,552	62.71%	94,476	96,943	(2,467)	-2.54%
Sub-total	44,359,570	27,790,304	16,569,266	59.62%	3,310,524	3,742,460	(431,935)	-11.54%
Total-Civilian	282,070,232	190,582,369	91,487,863	48.00%	23,073,701	26,836,562	(3,762,862)	-14.02%
USN	60,825,036	53,737,865	7,087,171	13.19%	6,120,468	5,809,740	310,728	5.35%
Grand Total	342,895,268	244,320,234	98,575,034	40.35%	29,194,169	32,646,303	(3,452,134)	-10.57%
Grand Total								
Residential	157,589,533	131,763,829	25,825,703	19.60%	13,969,362	16,139,401	(2,170,039)	-13.45%
Residential - Apt & Condo	2,175,553	1,716,775	458,778	26.72%	192,702	206,426	(13,724)	-6.65%
Small General-Non-Demand	26,507,445	23,213,961	3,293,484	14.19%	2,210,926	2,958,905	(747,979)	-25.28%
Small General-Demand	64,106,093	47,383,453	16,722,639	35.29%	5,934,593	5,997,317	(62,724)	-1.05%
Large	71,824,510	52,008,411	19,816,099	38.10%	6,420,249	6,770,755	(350,505)	-5.18%
Independent Power Producers	373,964	163,162	210,801	129.20%	27,847	77,141	(49,294)	-63.90%
Private St. Lites	293,185	261,580	31,605	12.08%	28,061	26,836	1,225	4.57%
Sub-total	322,870,282	256,511,171	66,359,111	25.87%	28,783,740	32,176,781	(3,393,041)	-10.54%
Government								
Small_Non Demand	6,370,186	4,052,784	2,317,402	57.18%	445,363	614,420	(169,057)	-27.51%
Small-Demand	36,245,538	29,184,664	7,060,874	24.19%	2,937,841	3,405,364	(467,523)	-13.73%
Large	19,216,884	12,332,149	6,884,735	55.83%	1,673,099	1,509,896	163,203	10.81%
Public St. Lites	4,835,961	4,155,361	680,600	16.38%	448,580	429,604	18,976	4.42%
Sub-total	66,668,569	49,724,958	16,943,611	34.07%	5,504,883	5,959,284	(454,401)	-7.63%
Total-Civilian	389,538,851	306,236,130	83,302,721	27.20%	34,288,623	38,136,065	(3,847,442)	-10.09%
USN	76,441,338	69,844,307	6,597,031	9.45%	7,902,931	7,492,766	410,165	5.47%
Grand Total	465,980,189	376,080,436	89,899,753	23.90%	42,191,555	45,628,831	(3,437,277)	-7.53%

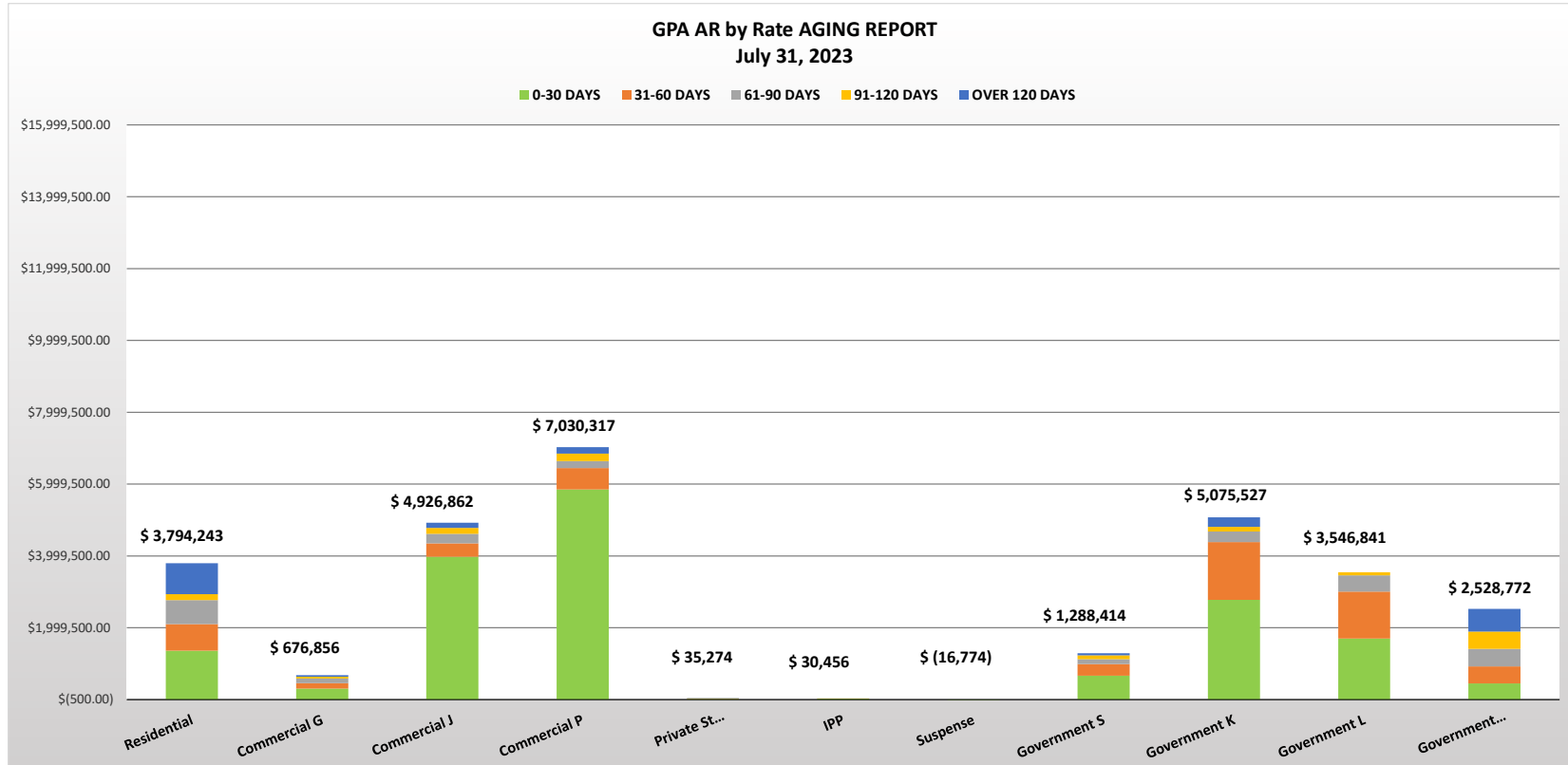




GPA - Station Usage(MWH) With Renewables
For the Last 5 Years Thru 07.31.23
-Moving 12 Months







CCU Regular Board Meeting - GPA

**ACCOUNTS RECEIVABLE BY RATE - ACTIVE
AR AGING REPORT
AS OF July 31, 2023**

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	\$ 2,856,136.56	1,227,196.40	737,362.70	666,755.70	163,134.81	61,686.95
1000.142000.11	Residential - PP	\$ 801,114.99	(26.50)	-	-	-	801,141.49
1000.142000.17	Residential - D	\$ 136,991.45	136,991.45				
1000.142000.12	Commercial G	\$ 676,856.25	307,870.41	152,462.97	126,953.13	47,777.31	41,792.43
1000.142000.13	Commercial J	\$ 4,926,862.48	3,978,764.89	372,280.51	260,267.46	166,464.34	149,085.28
1000.142000.14	Commercial P	\$ 7,030,317.16	5,852,127.60	594,308.91	192,178.51	206,425.78	185,276.36
1000.142000.15	Private St Lights	\$ 35,273.55	19,306.20	6,022.97	4,340.37	1,104.84	4,499.17
1000.142000.16	IPP	\$ 30,455.85	28,335.78	2,120.07			
1000.142000.98	Suspense	\$ (16,774.72)	(16,774.72)				
	TOTAL PRIVATE	\$ 16,477,233.57	\$ 11,533,791.51	\$ 1,864,558.13	\$ 1,250,495.17	\$ 584,907.08	\$ 1,243,481.68
1000.142000.19	Government S	\$ 1,288,413.91	\$ 662,893.42	\$ 323,235.08	\$ 139,292.43	\$ 104,898.06	\$ 58,094.92
1000.142000.20	Government K	\$ 5,075,527.10	\$ 2,775,400.06	\$ 1,612,279.69	\$ 289,270.95	\$ 131,654.03	\$ 266,922.37
1000.142000.21	Government L	\$ 3,546,840.83	\$ 1,702,217.28	\$ 1,301,261.80	\$ 457,274.20	\$ 86,087.55	\$ -
1000.142000.22	Government St Lights	\$ 2,528,771.55	\$ 451,069.65	\$ 470,208.05	\$ 494,379.58	\$ 475,639.92	\$ 637,474.35
	TOTAL GOVERNMENT	\$ 12,439,553.39	\$ 5,591,580.41	\$ 3,706,984.62	\$ 1,380,217.16	\$ 798,279.56	\$ 962,491.64
	GRAND TOTAL	\$ 28,916,786.96	\$ 17,125,371.92	\$ 5,571,542.75	\$ 2,630,712.33	\$ 1,383,186.64	\$ 2,205,973.32
					\$ 25,327,627.00		
	Total Residential	\$ 3,794,243.00	\$ 1,364,161.35	\$ 737,362.70	\$ 666,755.70	\$ 163,134.81	\$ 862,828.44

GPA Credit Card

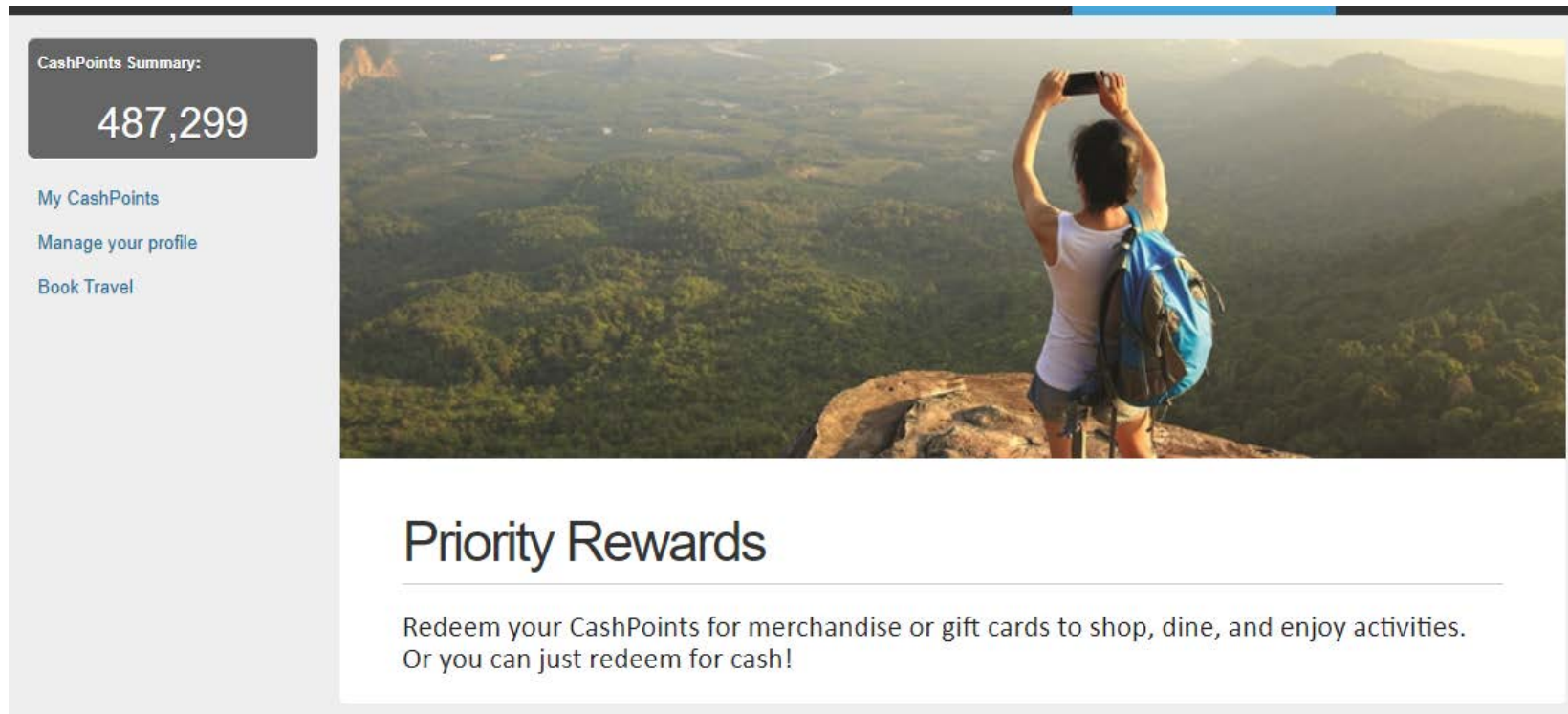
Summary:

RESOLUTION	REQUIREMENTS
Resolution 2008-37 (December 2008)	<ul style="list-style-type: none"> • Authorized credit card limit of \$50,000. • All purchases to be performed in accordance with applicable procurement rules & regulations. • Authorized for airfare and travel-related purchases, registration fees for conferences and seminars, and technical manuals and subscriptions.
Resolution 2018-29 (November 2018)	<ul style="list-style-type: none"> • Authorized credit card limit of \$50,000. • All purchases to be performed in accordance with applicable procurement rules & regulations. • Authorized for airfare and travel-related purchases, registration fees for conferences and seminars, and technical manuals and subscriptions. • Authorized the contract for Priority Rewards Business credit card to comply with the 5 GCA §2311 "Senator Edward J. Cruz Medical Referral and Education Mileage Program."
Resolution 2023-25	<ul style="list-style-type: none"> • Request for a credit card limit of \$100,000. • Request to authorize GPWA to adopt/amend procedures to ensure appropriate level of internal controls over credit card use. • Request to authorize GPWA management to work with GDOE to implement the "Senator Edward J. Cruz Medical Referral and Education Mileage Program."



GPA Credit Card (continued)

- GPA is currently using FHB Priority Reward Business card where the points can be used to purchase airline tickets from multiple carriers.
- The point balance as of August 2 is 487,299.



CashPoints Summary:

487,299

[My CashPoints](#)

[Manage your profile](#)

[Book Travel](#)

Priority Rewards

Redeem your CashPoints for merchandise or gift cards to shop, dine, and enjoy activities. Or you can just redeem for cash!

GPA Credit Card (continued)

Example of carriers that can be used and points required.

Guam to Narita on August 2, 2023:

	GUM → NRT 5:55 am 8:10 pm	1 Stop	15h 15m	Flight details ▾	Economy Class
Philippine Airlines PR 111 · PR 432					Starting from 48,139* Points + \$10.00* fee (includes \$10.00 per ticket booking fee)
Baggage Fees					Per Ticket
Fare Options	<input checked="" type="radio"/> Economy Class \$491.39			<input type="button" value="Select"/>	
	GUM → NRT 5:00 pm 7:55 pm	Non-Stop	3h 55m	Flight details ▾	Basic Economy
United Airlines UA 873					What does this fare include?
Baggage Fees					Starting from 59,439* Points + \$10.00* fee (includes \$10.00 per ticket booking fee)
Fare Options	<input checked="" type="radio"/> Basic Economy \$604.39			<input type="radio"/> Economy \$639.39	<input type="radio"/> Economy Fully Refundable \$779.39
What's included? ▾					<input type="button" value="Select"/>



GPA Credit Card (continued)

Example of carriers that can be used and points required.

Guam to Narita on August 2, 2023:


	GUM → NRT 3:05 am 3:55 pm	1 Stop	13h 50m	Flight details ▾	Economy Class
Jeju Airlines 7C 3105 · 7C 1114					6 Left Starting From 66,049* Points + \$10.00* fee (includes \$10.00 per ticket booking fee)
Baggage Fees					Per Ticket
Fare Options					Select
<input checked="" type="radio"/> Economy Class \$670.49					
	GUM → NRT 5:00 pm 12:35 pm	1 Stop	20h 35m	Flight details ▾	Economy Class
Next Day Arrival Korean Air KE 422 · KE 703					What does this fare include? Starting from 67,079* Points + \$10.00* fee (includes \$10.00 per ticket booking fee)
Baggage Fees					Per Ticket
Fare Options					Select
<input checked="" type="radio"/> Economy Class \$680.79 <input type="radio"/> Economy Class Refund/Changes Allowed \$1550.79					



GPA Credit Card (continued)

Example of carriers that can be used and points required.

Guam to San Francisco on August 2, 2023:



GUM → SFO
7:20 am 10:55 am

1 Stop
20h 35m

Flight details ▾

United Airlines UA 151 · UA 34

Baggage Fees

Fare Options

<input checked="" type="radio"/> Basic Economy \$1578.72	<input type="radio"/> Economy \$1708.72	<input type="radio"/> Economy Partially Refundable \$2789.72
---	--	---

What's included? ▾


Basic Economy

What does this fare include?

Starting from
156,872* Points
+ \$10.00* fee
(includes \$10.00 per ticket booking fee)

Per Ticket

Select



GUM → SFO
2:25 am 8:05 pm

2 Stops
34h 40m

Flight details ▾

Delta Air Lines

DL 9037 Operated by KOREAN AIR LINES CO LTD · DL 196 · DL 3891 Operated by SKYWEST DBA DELTA CONNECTION

Baggage Fees

Fare Options

<input checked="" type="radio"/> Main Cabin \$1675.79	<input type="radio"/> Refundable Main Cabin \$2428.75
--	--

Main Cabin

What does this fare include?

4 Left Starting From
166,579* Points
+ \$10.00* fee
(includes \$10.00 per ticket booking fee)

Per Ticket

Select





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. FY2023-25
GWA RESOLUTION NO. 40-FY2023

**RELATIVE TO THE AMENDMENT OF THE CREDIT CARD POLICY FOR THE
GUAM POWER AUTHORITY AND THE GUAM WATERWORKS AUTHORITY**

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

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

WHEREAS, in the course of their business, GPA and GWA have an ongoing and growing need to purchase items over the internet or over the phone where expediency requires the use of a credit card; and

WHEREAS, because of the need for the use of credit cards, the CCU on December 09, 2008, approved Resolution No. 2008-37 Relative to the Establishment of a Credit Card Account and the Adoption of a Credit Card Policy for the Guam Power Authority and the Guam Waterworks Authority; and

WHEREAS, the recent global pandemic has resulted in improved and expanded contactless methods across many business processes and, given limited resources, has created opportunities for efficiencies; and

WHEREAS, 5 GCA Chapter 23 Section 23111, referred to as the *Senator Edward J. Cruz Medical Referral and Education Mileage Program*, requires the accrued airline reward program travel mileage (“mileage”) earned through the use of credit card purchases by the

1 Government of Guam be available to support off-island medical care and off-island student
2 travel involving academic, sports and cultural activities; and

3
4 **WHEREAS**, 5 GCA Chapter 23 Section 23111 (d) (3) requires one hundred percent
5 (100%) of accrued mileage to be used to send eligible students to participate at off-island sports
6 competitions; and

7
8 **WHEREAS**, a recent audit of credit card procedures by the Office of Public
9 Accountability has recommended the update of existing credit card policy.

10
11 **NOW BE IT THEREFORE RESOLVED**; the Consolidated Commission on Utilities
12 does hereby approve the following:

- 13 1. The recitals set forth above hereby constitute the findings of the CCU.
- 14 2. The CCU adopts the attached Credit Card Policy.
- 15 3. The CCU hereby authorizes the GPA and GWA General Managers to adopt
16 and amend Standard Operating Procedures to ensure the appropriate level of
17 internal controls over the use of credit cards.
- 18 4. The CCU hereby further authorizes the management of GPA and GWA to
19 work with the Guam Department of Education to implement the *Senator*
20 *Edward J. Cruz Medical Referral and Education Mileage Program*.

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

24
25 **DULY AND REGULARLY ADOPTED**, this 29th day of August 2023.

26
27 Certified by:

Attested by:

28
29
30 **JOSEPH T. DUENAS**
31 Chairperson

30 **PEDRO ROY MARTINEZ**
31 Secretary

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SECRETARY’S CERTIFICATE

I, Pedro Roy Martinez, 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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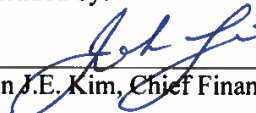

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<p>GUAM POWER AUTHORITY AUTHORITY POLICY</p>	<p>Amended by:  John J.E. Kim, Chief Financial Officer / <u>8-2-2023</u> Date</p>
<p>TITLE: CREDIT CARD USAGE POLICY</p>	<p>Approved by:  John M. Benavente, P.E., General Mgr. / <u>8-3-2023</u> Date</p>
<p>NO: AP-067 Supersedes: April 5, 2019</p>	

1.0 **PURPOSE**

The Guam Power Authority has determined there is a need for a corporate credit card to be used as a tool to promote greater purchasing efficiency. As technology has evolved, GPA has found it necessary to make on-line purchases of certain goods or services which may not be available on island. Therefore, it would only be reasonable to use a corporate credit card to make such purchases.

In addition, in order to facilitate the transfer of travel benefits to the Medical Referral Benefit Bank Account (MRBBA) as mandated by *The Senator Edward J. Cruz Medical Referral and Education Mileage Program* outlined in 5 GCA Chap. 23 §23111 at no additional cost to those who travel for the benefit of GPA, the use of a credit card that earns travel benefits is needed.

2.0 **AUTHORIZED USES OF CREDIT CARD**

The credit card is authorized to be used for the following purposes:

- 2.1 The purchase of items/services which are not available for purchase from local vendors or where GPA has documented that significant savings (> 20% landed costs) can be obtained by use of the credit card.
- 2.2 Airfare purchases which must be paid for with the credit card that earns travel benefits.
- 2.3 For hotels and lodging, taxi fares, and items related to travel (i.e., sim call cards/data and airline internet, etc.).
- 2.4 Registration fees for conferences and seminars whereas GPA employees or CCU Commissioners are in attendance.
- 2.5 The purchase of technical manuals and subscriptions to technical publications.

CODES:	* REVISED	# ADDED
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Authority Policy	No. 067	Effective Date: _____	Page 2 of 3
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3.0 UNAUTHORIZED USE OF CREDIT CARD

In no event, unless otherwise stated below, shall the credit card be used for any of the following purposes:

- 3.1 Food, meals, or beverages, except as authorized by the General Manager during the recovery from a storm or catastrophic event.
- 3.2 On-island purchases, except as authorized by the General Manager during the recovery from a storm or catastrophic event and except for on-island purchases related to travel as outlined in Section 2.0. *
- 3.3 Personal items.
- 3.4 Items qualifying as Capital Expenditures as defined in GPA SOP-133.
- 3.5 Non-CIP expenses whose value is greater than \$15,000.

4.0 CUSTODIAN OF CREDIT CARD

The Custodian of the credit card shall be the Office of the Chief Financial Officer.

5.0 APPLICATION OF PROCUREMENT PRICEDURES

- 5.1 All purchases of goods and services shall be performed on a competitive basis and in accordance with applicable Procurement Rules and Regulations.
- 5.2 All purchases shall have a bid abstract prepared by the requestor to demonstrate competition and compliance with Procurement Rules and Regulations. Credit card purchase request will not be processed by the Office of the Chief Financial Officer without this document. #

6.0 APPLICATION OF PROCUREMENT PRICEDURES

- 6.1 Purchase of Goods or Services less than \$500; purchaser will be required to provide evidence the product is not available for purchase on island.
- 6.2 Purchase of Goods or Services greater than \$500; purchasers are required to present evidence the product is not available for purchase on island or evidence of a bid abstract demonstrating a landed cost savings in excess of 20% from items purchased on island.
- 6.3 Payment for airfare or registration fees for a conference; approved Travel Authorization form will be required to be presented.

CODES:	* REVISED	# ADDED
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Authority Policy	No. 067	Effective Date: _____	Page 3 of 3
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- 6.4 All purchases must be approved by the Division Manager or General Manager as appropriate. All transactions originating from the CFO section must be approved in advance by the General Manager.
- 6.5 Upon presentation of required materials to CFO office, the CFO staff will review materials, execute the purchase, provide a copy of purchase confirmation to the purchaser and maintain a copy in CFO files.
- 6.6 The designated CFO staff will use the credit card requirements checklist for every credit card request. The checklist will improve GPA’s records maintenance, establish consistent procurement practices, and monitor process for compliance with pertinent laws and procedures. #

7.0 CREDIT CARD PAYMENT

Upon receipt of a statement from the credit card company, Accounts Payable will reconcile each line item on the statement with the credit card purchase files in the CFO office. Payment will only be made for items for which proper documentation exists.

8.0 CREDIT CARD PAYMENT

GPA is authorized to enter into credit card agreements for two (2) separate credit cards with a combined limit of \$100,000 only after the determination of the lowest bidder based on the amount of the annual fee and the interest rate attached to the credit card agreement. GPA is authorized to extend the program as appropriate, however, the program must be put out to bid no less frequently than every five (5) years.

ATTACHMENT: Finance Division Credit Card Requirements Checklist

CODES:	* REVISED	# ADDED
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Attachment



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

FINANCE DIVISION CREDIT CARD REQUIREMENTS CHECKLIST

*For Travel Request Processing in compliance with AP-033 (Off-Island Travel Rules and Regulations)
and AP-067 (Credit Card Usage Policy)*

Airfare Quotes: TA _____

Approved travelers are required to provide the following documents to the Finance Division prior to securing airfare quotes.

- _____ Travel Authorization Form (to be completed by the traveler).
- _____ Copy of GM Approved Memo of Travel Request.
- _____ Training, Conference, Seminar, Meeting, or Event Flyer (must show registration fees and training hotel venue).
- _____ Provide at least two other air fare quotes on the same day for the same travel times to support that the chosen air fare route is the most direct and economical.
- _____ If traveler is approved for indirect travel or delay enroute (personal side trip), two air fare quotes must be secured on the same day: one quote will be the direct route, and the other quote will be with the traveler's side trip. In compliance with AP-030, any additional expense as a result of the indirect travel or delay enroute shall be borne by the traveler.
- _____ Calendar and email reminder to traveler and pertinent administrative staff that their travel vouchers (to include receipts, boarding passes, training certificate, etc.) are due 10 days after return to Guam.

Professional Memberships and Renewals

Requestor must provide the following documents to Finance Division prior to processing.

- _____ Copy of the approved General Manager's memo for the Membership or Renewal.
- _____ Membership or Renewal Invoice from the Organization (must show the fees).

Other Purchases

The following conditions must be met prior to processing credit card request.

- _____ Copy of GM Approved Memo for the credit card request. Memo must include justification for the need of the requirement, reason for vendor selection, and account number.
- _____ Are not food, meals, or beverages, except as authorized by the General Manager for recovery from a storm or catastrophic event.
- _____ Are not personal items; qualified as Capital Expenditures per SOP-133; and/or are non-CIP expenses greater than \$15,000.
- _____ On-island purchases, except as authorized by the General Manager for recovery from a storm or catastrophic event.
- _____ Goods or service: Evidence of bid abstract demonstrating a landed cost savings in excess of 20% from items purchased on island. Note that the bid abstract must be provided to the CFO Office prior to purchase.

Upon presentation of required materials and information to the CFO Office, the designated CFO staff will review the documents, execute the purchase, provide a copy of purchase confirmation to the purchases to requestor and maintain a copy in the CFO files.

Prepared By: _____
Print Name, Signature, and Date

Effective Date: June 22, 2023

Version 1



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

Resolution No. FY2023 -26:

Relative to: AUTHORIZING EXPENDITURE FOR THE ADDITIONAL CHANGE ORDER WORK FOR OUT OF SERVICE INSPECTION AND REFURBISHMENT OF GPA BULK STORAGE FUEL TANK 1934

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

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.

Prior to inspection, the tanks need to be drained/emptied and cleaned. Based on the current volume of the oily sludge in Tank 1934. The volume of sludge exceeds what was covered in the Scope of Work. The incremental volume of un-pumpable oil and sludge to be recovered, removed and disposed must be completed in order to perform the next sequence of work activities and meet Regulatory Agency's compliance schedule.

Where is the location?

GPA Bulk Storage Tanks Facility at Piti, Guam.

How much will it cost?

The additional work scope's total is \$1,263,448.00 requiring approval from CCU and the PUC. Please refer to Attachment A for details.

When will it be completed?

The change order will add an additional 9 weeks to the project schedule.

What is its funding source?

The project will utilize Revenue funds.



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. FY2023-26

**RELATIVE TO AUTHORIZING EXPENDITURE FOR THE OUT OF SERVICE INSPECTION AND
REFURBISHMENT OF GPA BULK STORAGE FUEL TANK 1934**

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

WHEREAS, the bulk storage fuel tanks (tanks 1934 and 1935) last underwent internal inspection and refurbishment in 2007; and

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

WHEREAS, upon completion of the out of service/internal inspection and refurbishment of the bulk storage fuel tanks, they will be utilized to store ULSD fuel to supply Piti Power Plant 7, 8, 9 and the new 198 MW Ukudu power plant; and

WHEREAS, the Contract was awarded to Tristar Terminals Guam, Inc. on December 02, 2019; and

WHEREAS, the project is currently on-going and Tristar Terminals Guam, Inc. submitted a request for a Construction Change Order (Attached Exhibit A); and

WHEREAS, the Construction Change Order is for the incremental volume of the oil recovery and sludge to be removed from Tank 1934 and disposed of as per EPA regulations; and

WHEREAS, the actual current volume in tank 1934 both for oil recovery and sludge removal is approximately 3,500 barrels which exceeds what was covered in the Scope of Work; and

WHEREAS, the proposed Construction Change Order total cost is **\$1,263,448.00**; and

WHEREAS, completing these additional work is viable in order to perform the next sequence of project activities and meet the USEPA compliance schedule; and

1 **WHEREAS**, GPA is requesting the approval of the CCU and the PUC for the proposed
2 Construction Change Order of Tristar Agility for the Out of Service Inspection and
3 Refurbishment of GPA Bulk Storage Fuel Tanks Project.

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

- 6 1. After careful review of the resolution, the Consolidated Commission on Utilities
7 finds the expenditure for the Out of Service Inspection and Refurbishment of GPA
8 Bulk Storage Fuel Tank Construction Change Order to be reasonable, prudent and
9 necessary for the use of Revenue Funds.
- 10 2. The General Manager is hereby authorized to increase his obligating authority by
11 \$1,263,.448.00 from \$13,883,209.91 to \$15,146,657.91 for the Out of Service
12 Inspection and Refurbishment Services for the GPA Bulk Storage Fuel Tanks
13 Construction Change Order utilizing Revenue Funds.

14
15 **RESOLVED**, that the Chairman certifies and the Board Secretary attests the adoption of
16 this Resolution.

17
18 **DULY AND REGULARLY ADOPTED AND APPROVED THIS 29th DAY OF AUGUST, 2023.**

19		
20	Certified by:	Attested by:
21		
22	_____	_____
23	JOSEPH T. DUENAS	PEDRO ROY MARTINEZ
24	Chairperson	Secretary
25	Consolidated Commission on Utilities	Consolidated Commission on Utilities
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34		

1 **I, Pedro Roy Martinez**, Secretary for the Consolidated Commission on Utilities (CCU), as
2 evidenced by my signature above do certify as follows:

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

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Ayes: _____

Nays: _____

Absent: _____

Abstain: _____

CCU Regular Board Meeting - GPA

Date:	Action Item:	Amount:	Description:	CCU Approved:	PUC Approved:	Contract Total:
1-Oct-19	Purchase Order 27002OP	\$ 8,969,510.00	Main Contract	Yes	Yes	\$ 8,969,510.00
2-Jul-20	Change Order 1	\$ 29,387.56	Vacuum pump to lower sludge from 17 inches of build-up to 11 inches Tank 1935	Yes	Yes	\$ 8,998,897.56
22-Jan-21	Change Order 2	\$ 553,813.00	Incremental amount of sludge to be disposed Tank 1935	Yes	Yes	\$ 9,552,710.56
5-Aug-21	Change Order 3	\$ 1,200,010.00	Incremental amount of sludge to be disposed Tank 1935	Yes	Yes	\$ 10,752,720.56
6-May-22	Change Order 4	\$ 3,140,489.35	Tank Bottom Repair Tank 1935	Yes	Yes	\$ 13,893,209.91
26-Jul-23	Change Order 5	\$ 1,263,448.00	Sludge Removal Tank 1943	Pending	Pending	\$ 15,156,657.91
						<u>\$ 15,156,657.91</u>

Target Completion Date:

Tank 1935 05/24/2024

Tank 1934 12/11/2024



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

GPA Resolution No. FY2023 -27:

RELATIVE TO RECOGNIZING EMPLOYEES OF THE GUAM POWER AUTHORITY FOR OUTSTANDING WORK PERFORMED DURING POST TYPHOON MAWAR POWER RESTORATION

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

On May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades. Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam's residents, causing significant damage to the island's infrastructure, including GPA's electrical grid system. The northern sector of the island, primarily the villages of Yigo and Dededo, suffered significant damages from the destructive and relentless wind and rain of Typhoon Mawar. The northern sector area of the island's power system infrastructure was the most heavily damaged.

Immediately after the high winds began to decrease the day after the storm's direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration. GPA crews have noted that its preventative maintenance (PM), which started prior to the typhoon with trimming trees and branches near power lines, made a significant difference in minimizing damage.

GPA's professional line crews, power plant operators, heavy equipment operators, substation, meter & relay crews, dispatchers, engineers, and support teams have been working around the clock, and up to 16 hours each day for about 50 days to restore service to all customers. Integrated line crews from CNMI CUC, Pohnpei Utilities Corp. (PUC), and Snohomish PUD Washington state, led by GPA teams, have been working diligently since the days after Typhoon Mawar. At any given time, GPA had a fleet of 20 to 30 bucket trucks deployed island wide. The Snohomish crew worked on the main transmission line while GPA crews, CUC, PUC, and contracted crews worked on lines in the villages. GPA and the CCU extends its deepest gratitude for their expertise and sacrifices made to support our efforts. Line work can be very dangerous, and with help from customers, GPA was able to keep everyone safe.

GPA also maintained material inventory adequate for recovery. Current inventory of poles, transformers, wires and other hardware supported the post-typhoon restoration efforts. About \$3.7M of materials have been issued toward post-typhoon recovery efforts.

In spite of the devastation of Typhoon Mawar and its disruption to the island wide power system, the employees of Guam Power Authority continued to work assiduously and methodically to get every household and business energized, the entire GPA team was committed to ensuring that every customer was energized as quickly as possible. GPA's priority was to restore energy back into all homes and businesses; and restore the island-wide power system online at full capacity. GPA operations and support teams worked night and day for the people of Guam and we thank the ratepayers for their patience and understanding during those difficult times.

After 50 days since COR4 was declared, GPA restored power service to nearly 99% of pre-Typhoon Mawar customers. Although nearly 99% restoration was achieved, crews continued to make necessary repairs in the heavily damaged areas to restore customers without power, and close out emergency work clearances requiring customer-side repair.

It is with great pleasure that we recognize and thank our Guam Power Authority employees from all departments for their hard work, commitment and dedication to serve the ratepayers of Guam. A true demonstration of resiliency and can-do attitudes that is truly unique, GPA employees have faced the challenges of post typhoon restoration head-on and continued to provide outstanding service to the community. *KUDOS to all GPA employees that assisted in one way or another during post-typhoon recovery to restore island power and re-energize our community. Congratulations for a job well done!*

The Consolidated Commission on Utilities does hereby express their *Dangkulu na si Yu'os Ma'åse* to recognize and thank GPA management and staff from the following departments for outstanding work performed during post-typhoon recovery:

- | | |
|--|---------------------------------|
| 1. Executive Management Team:
GM, AGMO, AGMA, AGMET,
Communications Manager and
GPA/GWA Legal Counsel | 10. Safety |
| 2. Transmission & Distribution | 11. Warehouse |
| 3. Power System Control Center | 12. Procurement |
| 4. Generation | 13. Communications |
| 5. Transportation | 14. Finance |
| 6. Facilities | 15. Information Technology (IT) |
| 7. Engineering | 16. Human Resources |
| 8. SPORD | 17. Executive |
| 9. Planning & Regulatory | 18. Customer Service |
| | 19. Internal Audit |



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. FY2023-27

**RELATIVE TO RECOGNIZING EMPLOYEES OF THE GUAM POWER
AUTHORITY FOR OUTSTANDING WORK PERFORMED DURING POST
TYPHOON MAWAR POWER RESTORATION**

WHEREAS, on May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades; and

WHEREAS, Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam’s residents, causing significant damage to the island infrastructure, including GPA’s electrical grid system; and

WHEREAS, the northern sector of the island primarily the villages of Yigo and Dededo suffered significant damages from the destructive and relentless wind and rain of Typhoon Mawar. The northern sector area of the island’s power system infrastructure was the most heavily damaged; and

WHEREAS, immediately after high winds began to decrease the day after the storm’s direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration; and

WHEREAS, about 99% of the island’s concrete power poles survived Typhoon Mawar’s 150+ mph winds. Other factors such as trees, flying debris, lightning, etc., caused damages to cross arms, transformers, hardware and power lines. About 1,500 emergency work clearances have been received for customer related damages such as weather-heads as a result of Typhoon Mawar’s powerful winds and torrential rain; and

WHEREAS, although the Transmission & Distribution (T&D) system sustained serious damage from the powerful winds and torrential rain, the islandwide power system did not experience a black out during Typhoon Mawar. As a result of blackout avoidance, the quick recovery of customers served by the underground transmission was possible, including the Guam Memorial Hospital and most of Tumon Bay and;

1 **WHEREAS**, GPA continued to serve ~ 7 MW load throughout the typhoon, mainly to Anderson
2 Air Force Base, through underground transmission lines and the hardened Dededo combustion turbine
3 structure; and

4 **WHEREAS**, GPA also maintained material inventory adequate for recovery. Current inventory
5 of poles, transformers, wires and other hardware supported the post-typhoon restoration efforts. About
6 \$3.7M of materials have been issued toward post-typhoon recovery efforts; and

7 **WHEREAS**, GPA crews have noted that it's preventative maintenance (PM), which started prior
8 to the typhoon with trimming trees and branches near power lines, made a significant difference in
9 minimizing damage; and

10 **WHEREAS**, GPA's professional line crews, power plant operators, heavy equipment operators,
11 substation, meter & relay crews, dispatchers, engineers, and support teams have been working around the
12 clock, and up to 16 hours each day for about 50 days to restore service to all customers; and

13 **WHEREAS**, integrated line crews from CNMI CUC, Pohnpei Utilities Corp. (PUC), and
14 Snohomish PUD Washington state, led by GPA teams, have been working diligently since the days after
15 Typhoon Mawar; and

16 **WHEREAS**, at any given time, GPA had a fleet of 20 to 30 bucket trucks deployed islandwide.
17 The Snohomish crew worked on the main transmission line while GPA crews, CUC, and PUC, and
18 contracted crews worked on lines in the villages. GPA and the CCU extends its deepest gratitude for their
19 expertise and sacrifices made to support our efforts. Line work can be very dangerous, and with help from
20 customers, GPA was able to keep everyone safe; and

21 **WHEREAS**, in spite of the devastation of Typhoon Mawar and its disruption to the island wide
22 power system, the employees of Guam Power Authority continued to work assiduously and methodically
23 to get every household and business energized, and the entire GPA team was committed to ensuring that
24 every customer was energized as quickly as possible; and

25 **WHEREAS**, GPA's priority was to restore energy back into all homes and businesses; and restore
26 the island-wide power system online at full capacity. GPA operations and support teams worked night
27 and day for the people of Guam and we thank the ratepayers for their patience and understanding during
28 those difficult times; and

29 **WHEREAS**, after 50 days since COR4 declared, GPA restored power service to nearly 99% of
30 pre-Typhoon Mawar customers. Although, nearly 99% restoration achieved, crews continued to make
31 necessary repairs in the heavily damaged areas to restore customers without power, and close out
32 emergency work clearance requiring customer-side repair; and

1 **WHEREAS**, GPA is adept to taking on these challenges faced by our island and will continue to
2 build upon the array of knowledge and methods garnered by previous experiences. GPA staff and
3 management are proud members of the island community and will continue to provide service with the
4 safety and integrity of its personnel and its customers in mind; and

5 **WHEREAS**, it is with great pleasure that we recognize and thank our Guam Power Authority
6 employees from all departments for their hard work, commitment and dedication to serve the ratepayers
7 of Guam. A true demonstration of resiliency and can-do attitudes that is truly unique, GPA employees
8 have faced the challenges of post typhoon restoration head-on and continued to provide outstanding service
9 to the community. **KUDOS to all GPA employees that assisted during post-typhoon recovery to**
10 **restore island power and re-energize our community. Congratulations for a job well done!**

11 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities does
12 hereby express their *Dangkulu na si Yu'os Ma'åse* to recognize and thank GPA management and staff
13 from the following departments for outstanding work performed during post-typhoon recovery:

- | | |
|---|---------------------------------|
| 14 1. Executive Management Team: | 10. Safety |
| 15 GM, AGMO, AGMA, AGMET, | 11. Warehouse |
| 16 Communications Manager and | 12. Procurement |
| 17 GPA/GWA Legal Counsel | 13. Communications |
| 18 2. Transmission & Distribution | 14. Finance |
| 19 3. Power System Control Center | 15. Information Technology (IT) |
| 20 4. Generation | 16. Human Resources |
| 21 5. Transportation | 17. Executive |
| 22 6. Facilities | 18. Customer Service |
| 23 7. Engineering | 19. Internal Audit |
| 24 8. SPORD | |
| 25 9. Planning & Regulatory | |

26 **RESOLVED**, that the Chairman of the Commission certifies and the Secretary of the Commission
27 attests to the adoption of this Resolution.

28 **DULY AND REGULARLY ADOPTED**, this day of 29th of August, 2023.

29 Certified by:

Attested by:

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32 _____
JOSEPH T. DUENAS
Chairperson

PEDRO ROY MARTINEZ
Secretary

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I, **Pedro Roy Martínez**, Secretary of the Consolidated Commission on Utilities (CCU) 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: _____



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

Summary Justification

GPA Resolution No. FY2023 -28:

RECOGNITION OF APPA MUTUAL AID UTILITY PARTNER, SNOHOMISH PUBLIC UTILITY DISTRICT (SnoPUD) FOR ASSISTING GPA DURING POST TYPHOON MAWAR POWER RESTORATION

On May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades. Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam's residents, causing significant damage to the island infrastructure, including GPA's electrical grid system. Immediately after high winds began to decrease the day after the storm's direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration.

All 115kV transmission lines sustained serious damage, and most 34.5kV overhead transmission lines sustained damages as well. Transmission line repairs require special resources (high-reach bucket trucks, high-voltage line crew) and outages to ensure the safety of personnel. APPA Mutual Aid partner Snohomish PUD from Washington State, answered Guam's call for assistance **on June 8, 2023, just 12 days** after Typhoon Mawar, a Category 4 storm and the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds and flooding damaging Guam's island wide power infrastructure and electrical grid system.

The Snohomish PUD visiting crew of 15 specialized linemen, highly skilled in high voltage transmission repairs, traveled to Guam to support the Guam Power Authority in critical repairs to its high voltage infrastructure and remained on island until the job was complete, which lasted about 37 days. Snohomish PUD provided 2 high-reach bucket trucks that arrived via FEMA-chartered air transportation to support Guam's restoration efforts, allowing the major repairs to the main transmission lines to accelerate. Over 98% of GPA power poles are concrete and require bucket trucks to access pole hardware and lines, and the addition of the Snohomish bucket trucks and those on loan from FEMA and U.S. Navy allowed GPA to deploy about 30 bucket trucks throughout the island 24 hours a day aiding in a more efficient and shortened recovery period.

Snohomish PUD crews played a critical role in repairing Guam's 115kV transmission lines, with more than 161 miles of 34.5 KV transmission lines and over 709 miles of 13.8kV distribution lines which serves over 52,000 customers. Snohomish PUD crews contributed to GPA achieving more than 99% island wide service restoration within 50 days, setting a record for restoration and expectations for improvement after a major typhoon.

GPA is grateful to the Snohomish PUD linemen and crewmen who had a hand in assisting Guam after a major natural disaster.

The Consolidated Commission on Utilities does hereby recognize and express their *Dangkulu na si Yu'us Ma'ase* to Snohomish County Executive Dave Somers, along with CEO and General Manager of Snohomish PUD, John Haarlow, for their contributions to aiding Guam in post-Typhoon Mawar restoration efforts, along with the following crew members that worked hand in-hand with GPA's T&D linemen and support crew:

- James "Greg" Ruiz General Foreman
- Kevin Baggett Line Foreman
- Scott Packebush Line Foreman
- Jordan Anderson Lineman
- Kegan Friddle Lineman
- Matthew Kimball Lineman
- Jonah Longenecker Lineman
- Drew Partington Lineman
- Caleb Weigand Lineman
- Gary Bohannon Equipment Operator
- Brenton Bodewig Equipment Operator
- Michael St. Clair Journeyman Mechanic Utility-8
- Jacob Lindell Sr. Outside Service Mechanic-9
- Austin Almquist Lineman Apprentice-5
- Sean Lawson Lineman Apprentice-5



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. FY2023-28

RECOGNITION OF APPA MUTUAL AID UTILITY PARTNER, SNOHOMISH PUBLIC UTILITY DISTRICT (SnoPUD) FOR ASSISTING GPA DURING POST TYPHOON MAWAR POWER RESTORATION

WHEREAS, on May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades; and

WHEREAS, Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam’s residents, causing significant damage to the island infrastructure, including GPA’s electrical grid system; and

WHEREAS, immediately after high winds began to decrease the day after the storm’s direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration; and

WHEREAS, all 115kV transmission lines and most 34.5kV overhead transmission lines sustained damages. Transmission line repairs require special resources (high-reach bucket trucks, high-voltage line crew) and outages to ensure the safety of personnel; and

WHEREAS, APPA Mutual Aid partner Snohomish PUD from Washington State, answered Guam’s call for assistance **on June 8, 2023, just 12 days** after Typhoon Mawar, a Category 4 storm and the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds and flooding damaging Guam’s island wide power infrastructure and electrical grid system; and

WHEREAS, the Snohomish PUD visiting crew of 15 specialized linemen, highly skilled in high voltage transmission repairs, traveled to Guam to support the Guam Power Authority in critical repairs to its high voltage infrastructure and remained on island until the job was complete, which lasted about 37 days; and

1 **WHEREAS**, Snohomish PUD provided 2 high-reach bucket trucks and one auxiliary
2 support truck that arrived via FEMA-chartered air transportation to support Guam’s restoration
3 efforts, allowing the major repairs to the main transmission lines to accelerate; and

4 **WHEREAS**, over 98% of GPA power poles are concrete and require bucket trucks to
5 access pole hardware and lines, and the addition of the Snohomish bucket trucks and those on
6 loan from FEMA and U.S. Navy allowed GPA to deploy about 20 to 30 bucket trucks throughout
7 the island 24 hours a day aiding in a more efficient and shortened recovery period; and

8 **WHEREAS**, Snohomish PUD crews played a critical role in repairing Guam’s 115kV
9 transmission lines, with more than 161 miles of 34.5 KV transmission lines and over 709 miles
10 of 13.8kV distribution lines which serves over 52,000 customers; and

11 **WHEREAS**, Snohomish PUD crews contributed to GPA achieving more than 99% island
12 wide service restoration within 50 days, setting a record for restoration and expectations for
13 improvement after a major typhoon; and

14 **WHEREAS**, GPA is very grateful to the leadership team, linemen and crewmen who had
15 a hand in assisting Guam after a major natural disaster.

16
17 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
18 does hereby recognize and express their *Dangkulu na si Yu’os Ma’åse* to the ratepayers of
19 Snohomish PUD and the following:

- 20
21 1. Snohomish County Executive Dave Somers, along with CEO and General Manager
22 of Snohomish PUD, John Haarlow, for their contributions to aiding Guam in post-
23 Typhoon Mawar restoration efforts, along with the following crew members that
24 worked hand in-hand with GPA’s T&D linemen and support crew:

- 25
26 • James “Greg” Ruiz General Foreman
27 • Kevin Baggett Line Foreman
28 • Scott Packebush Line Foreman
29 • Jordan Anderson Lineman
30 • Kegan Friddle Lineman
31 • Matthew Kimball Lineman
32 • Jonah Longenecker Lineman
 • Drew Partington Lineman

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- Caleb Weigand Lineman
- Gary Bohannon Equipment Operator
- Brenton Bodewig Equipment Operator
- Michael St. Clair Journeyman Mechanic Utility-8
- Jacob Lindell Sr. Outside Service Mechanic-9
- Austin Almquist Lineman Apprentice-5
- Sean Lawson Lineman Apprentice-5

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

DULY AND REGULARLY ADOPTED, this day of 29th of August, 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson

PEDRO ROY MARTINEZ
Secretary

I, **Pedro Roy Martinez**, Secretary of the Consolidated Commission on Utilities (CCU) 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: _____

ABSTAIN: _____

ABSENT: _____



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision Summary Justification

GPA Resolution No. FY2023 -29:

RECOGNITION OF MUTUAL AID UTILITY PARTNER, COMMONWEALTH OF THE NORTHERN MARIANAS ISLANDS (CNMI), COMMONWEALTH UTILITIES CORPORATION (CUC) FOR ASSISTING GPA DURING POST TYPHOON MAWAR POWER RESTORATION

On May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades. Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam's residents, causing significant damage to the island infrastructure, including GPA's electrical grid system. Immediately after high winds began to decrease the day after the storm's direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration.

Mutual Aid Partner Commonwealth Utilities Corporation (CUC) in the Commonwealth of the Northern Mariana Islands (CNMI), answered Guam's call for assistance on **June 4, 2023, only days** after Typhoon Mawar, a Category 4 storm and the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds and flooding that damaged Guam's island wide power infrastructure and electrical grid system. The CUC's visiting crew of 12 linemen and grounds men traveled to Guam to support the Guam Power Authority in critical repairs to Guam's Islandwide Power System and remained on island until the job was complete, which lasted almost two months. The CUC and GPA personnel have worked together in the past during the restoration of Saipan's power system after Super Typhoon Yutu in 2018 that devastated the CNMI.

Along with mutual aid utility partners such as the Snohomish PUD Washington and the Pohnpei Utilities Corporation (PUC), a total of thirty-six (36) off-island transmission and distribution personnel arrived on Guam in the first weeks of June to help assist with the post-typhoon restoration efforts. The CUC crew worked diligently to help reconnect power lines and weathervanes and replace power poles damaged by Typhoon Mawar to reconnect homes and businesses in the villages. The CUC crew worked seamlessly to support Guam's restoration efforts islandwide, which allowed GPA to deploy integrated crews to each village to repair essential power lines that distributed power into the villages.

CUC crew contributed to GPA achieving more than 99% island wide service restoration within 50 days, setting a record for restoration and expectations for improvement after a major typhoon.

GPA is grateful to the CUC's leadership and crew, who had a hand in helping Guam recover a major natural disaster.

The Consolidated Commission on Utilities does hereby recognize and express their *Dangkulu na si Yu'os Ma'åse* Governor Arnold Palacios of the CNMI, along with Acting Executive Director Betty G. Terlaje, for their contributions to aiding Guam in post-Typhoon Mawar restoration efforts, along with the following crew members that worked hand in-hand with GPA's T&D linemen:

- Michael I. Kukkun Lineperson/Foreman
- Marty N. Taisacan Lineperson/Foreman
- Patrick M. Togawa Lineperson
- Raymond B. Quitano Lineperson
- Jesse John T. Santos Lineperson
- Eddie Joe P. Guzman Lineperson
- Jimmy K. Manalo Lineperson
- Collin A. Duenas Lineperson
- Leo Joseph Darry Lineperson
- Gerald Dexter Manglona Lineperson
- John Gary Serrano Groundsperson
- Jay Peter C. Rideb Groundsperson
- Luis Pedro Arriola Trades Technician



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority
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GPA RESOLUTION NO. FY2023-29

RECOGNITION OF MUTUAL AID UTILITY PARTNER, COMMONWEALTH OF THE NORTHERN MARIANAS ISLANDS (CNMI), COMMONWEALTH UTILITIES CORPORATION (CUC) FOR ASSISTING GPA DURING POST TYPHOON MAWAR POWER RESTORATION

WHEREAS, on May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades; and

WHEREAS, Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam’s residents, causing significant damage to the island’s infrastructure, including GPA’s electrical grid system; and

WHEREAS, immediately after the high winds began to decrease the day after the storm’s direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration; and

WHEREAS, Mutual Aid Partner Commonwealth Utilities Corporation (CUC) in the Commonwealth of the Northern Mariana Islands (CNMI), answered Guam’s call for assistance on **June 4, 2023**, only days after Typhoon Mawar, the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds and flooding that damaged Guam’s island wide power infrastructure and electrical grid system; and

WHEREAS, the CUC’s visiting crew of 12 linemen and grounds men traveled to Guam to support the Guam Power Authority with critical repairs to Guam’s Islandwide Power System and remained on island until the job was complete, which lasted almost two months; and

WHEREAS, the CUC and GPA personnel have worked together in the past during the restoration of Saipan’s power system after Super Typhoon Yutu in 2018 that devastated the CNMI; and

WHEREAS, along with mutual aid utility partners such as the Snohomish County Public Utility District (SnoPUD) Washington and the Pohnpei Utilities Corporation (PUC), a total of

1 thirty-six (36) off-island transmission and distribution personnel arrived on Guam in the first
2 weeks of June to help assist with the post-typhoon restoration efforts; and

3 **WHEREAS**, The CUC crew worked diligently to help reconnect power lines, weather
4 heads and replace power poles damaged by Typhoon Mawar to reconnect homes and businesses
5 in the villages; and

6 **WHEREAS**, The CUC crew worked seamlessly to support Guam’s restoration efforts
7 island wide, which allowed GPA to deploy integrated crews to each village to repair essential
8 power lines that distributed power into the villages; and

9 **WHEREAS**, the addition of the CUC crew allowed GPA to deploy skilled crews in 30
10 bucket trucks throughout the island 24 hours a day aiding in a more efficient and shortened
11 recovery period; and

12 **WHEREAS**, the CUC crew played a critical role in repairing Guam’s Island Wide Power
13 System which serves more than 52,000 Guam customers; and

14 **WHEREAS**, CUC crew contributed to GPA achieving more than 99% island wide service
15 restoration within 56 days, setting a record for restoration and expectations for improvement after
16 a major typhoon; and

17 **WHEREAS**, GPA is grateful to the CUC’s leadership and crew, who had a hand in helping
18 Guam recover a major natural disaster.

19 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
20 does hereby recognize and express its *Dangkulu na si Yu’os Ma’ase* to The Commonwealth Utility
21 Corporation the following:
22

- 23
24 1. Governor Arnold Palacios of the CNMI, along with Acting Executive Director Betty G.
25 Terlaje, for their contributions to aiding Guam in post-Typhoon Mawar restoration
26 efforts, along with the following crew members that worked hand in-hand with GPA’s
27 T&D linemen:

- 28
29 • Michael I. Kukkun Lineperson/Foreman
30 • Marty N. Taisacan Lineperson/Foreman
31 • Patrick M. Togawa Lineperson
32 • Raymond B. Quitano Lineperson
• Jesse John T. Santos Lineperson

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- Eddie Joe P. Guzman Lineperson
- Jimmy K. Manalo Lineperson
- Collin A. Duenas Lineperson
- Leo Joseph Darry Lineperson
- Gerald Dexter Manglona Lineperson
- John Gary Serrano Groundsperson
- Jay Peter C. Rideb Groundsperson
- Luis Pedro Arriola Trades Technician

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

DULY AND REGULARLY ADOPTED, this day of 29th of August, 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson

PEDRO ROY MARTINEZ
Secretary

I, **Pedro Roy Martinez**, Secretary of the Consolidated Commission on Utilities (CCU) 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: _____

ABSTAIN: _____

ABSENT: _____



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision Summary Justification

GPA Resolution No. FY2023 -30:

RECOGNITION OF MUTUAL AID UTILITY PARTNER, POHNPEI UTILITIES CORPORATION (PUC) FOR ASSISTING GPA DURING POST TYPHOON MAWAR POWER RESTORATION

On May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades. Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam's residents, causing significant damage to the island infrastructure, including GPA's electrical grid system. Immediately after high winds began to decrease the day after the storm's direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration.

Mutual Aid partner Pohnpei Utilities Corporation (PUC), answered Guam's call for assistance on June 10, 2023, two weeks after Typhoon Mawar, a Category 4 storm and the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds and flooding damaging Guam's island wide power infrastructure and electrical grid system.

The PUC's visiting crew of seven linemen and one deputy Chief of Power Distribution traveled to Guam to support the Guam Power Authority's post-typhoon recovery efforts to make critical repairs and restore Guam's Islandwide Power System. PUC assisted GPA crews and remained on island for about one month. The PUC brought a crew of seven linemen and one deputy Chief of Power Distribution to assist and work alongside GPA's T&D linemen and visiting crews from the Commonwealth Utility Corporation (CUC) in the Commonwealth of the Northern Mariana Islands (CNMI) to repair the island's power infrastructure.

The PUC worked diligently to help reconnect power lines and weathervanes and replace power poles damaged by Typhoon Mawar to reconnect homes and businesses in the villages. The PUC worked seamlessly to support Guam's restoration efforts islandwide, which allowed GPA to deploy integrated crews to each village to repair essential power lines that distributed power into the villages. The addition of the PUC crew allowed GPA to deploy skilled crews in 30 bucket trucks throughout the island 24 hours a day aiding in a more efficient and shortened recovery period.

PUC crews contributed to GPA achieving more than 99% island wide service restoration within 50 days, setting a record for restoration and expectations for improvement after a major typhoon.

GPA is grateful to the PUC linemen who had a hand in assisting Guam after a major natural disaster.

The Consolidated Commission on Utilities does hereby recognize and express their Dangkulu na si Yu'os Ma'ase to Governor Reed B. Oliver of the State of Pohnpei, along with CEO and General Manager of the Pohnpei Utilities Corporation (PUC), Nixon Anson, for their contributions to aiding Guam in post-Typhoon Mawar restoration efforts, along with the following crew members that worked hand in-hand with GPA's T&D linemen:

- Samuel Welper Supervisor Lineman (Team Leader 1)
- Kitson Kapiriel Lineman
- Burt Pelep Lineman
- William Route Lineman
- Inos Wichep Deputy Chief of Power Distribution (Team Leader 2)
- Mike Hairens Lineman
- Kevin Artui Lineman
- Clinton Obispo Lineman



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. FY2023-30

RECOGNITION OF MUTUAL AID UTILITY PARTNER, POHNPEI UTILITIES CORPORATION (PUC) FOR ASSISTING GPA DURING POST TYPHOON MAWAR POWER RESTORATION

WHEREAS, on May 24, 2023 Typhoon Mawar made landfall on Guam with sustained winds of approximately 150+ mph. According to the Joint Typhoon Warning Center, Typhoon Mawar was equivalent to a Category 4 Atlantic hurricane. The storm was the strongest to strike the island in at least two decades; and

WHEREAS, Typhoon Mawar battered the island with powerful winds and torrential rains, uprooting trees, damaging homes and businesses, and cutting electricity and access to water for most of Guam’s residents, causing significant damage to the island infrastructure, including GPA’s electrical grid system; and

WHEREAS, immediately after high winds began to decrease the day after the storm’s direct hit on the island, GPA began to mobilize teams to proceed with assessments and repairs, which initiated the process of post-typhoon restoration; and

WHEREAS, Mutual Aid partner Pohnpei Utilities Corporation (PUC), answered Guam’s call for assistance on June 10, 2023, two weeks after Typhoon Mawar, a Category 4 storm and the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds and flooding damaging Guam’s island wide power infrastructure and electrical grid system; and

WHEREAS, the PUC’s visiting crew of seven linemen and one deputy Chief of Power Distribution traveled to Guam to support the Guam Power Authority’s post-typhoon recovery efforts to make critical repairs and restore Guam’s Islandwide Power System. PUC assisted GPA crews and remained on island for about one month; and

WHEREAS, the PUC brought a crew of seven linemen and one deputy Chief of Power Distribution to assist and work alongside GPA’s T&D linemen and visiting crews from the Commonwealth Utility Corporation (CUC) in the Commonwealth of the Northern Mariana Islands (CNMI) to repair the island’s power infrastructure; and

1 **WHEREAS**, the PUC worked diligently to help reconnect power lines and weathervanes
2 and replace power poles damaged by Typhoon Mawar to reconnect homes and businesses in the
3 villages; and

4 **WHEREAS**, the PUC worked seamlessly to support Guam’s restoration efforts
5 islandwide, which allowed GPA to deploy integrated crews to each village to repair essential
6 power lines that distributed power into the villages; and

7 **WHEREAS**, the addition of the PUC crew allowed GPA to deploy skilled crews in 30
8 bucket trucks throughout the island 24 hours a day aiding in a more efficient and shortened
9 recovery period; and

10 **WHEREAS**, the PUC played a critical role in repairing Guam’s island wide power system
11 which serves more than 52,000 Guam customers; and

12 **WHEREAS**, PUC crews contributed to GPA achieving more than 99% island wide
13 service restoration within 50 days, setting a record for restoration and expectations for
14 improvement after a major typhoon; and

15 **WHEREAS**, GPA is grateful to the leadership team, linemen and crewmen who had a
16 hand in assisting Guam after a major natural disaster.

17
18 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
19 does hereby recognize and express their Dângkulu na si Yu’os Ma’âse to the following:

- 20
21 1. Governor Reed B. Oliver of the State of Pohnpei, along with CEO and General Manager
22 of the Pohnpei Utilities Corporation (PUC), Nixon Anson, for their contributions to
23 aiding Guam in post-Typhoon Mawar restoration efforts, along with the following crew
24 members that worked hand in-hand with GPA’s T&D linemen:

- 25 • Samuel Welper Supervisor Lineman (Team Leader 1)
- 26 • Kitson Kapiriel Lineman
- 27 • Burt Pelep Lineman
- 28 • William Route Lineman
- 29 • Inos Wichep Deputy Chief of Power Distribution (Team Leader 2)
- 30 • Mike Hairens Lineman
- 31 • Kevin Artui Lineman
- 32 • Clinton Obispo Lineman

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

DULY AND REGULARLY ADOPTED, this day of 29th of August, 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson

PEDRO ROY MARTINEZ
Secretary

I, **Pedro Roy Martinez**, Secretary of the Consolidated Commission on Utilities (CCU) 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: _____

ABSTAIN: _____

ABSENT: _____



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

Summary Justification

GPA Resolution No. FY2023 -31:

RECOGNITION OF HYATT REGENCY GUAM FOR PROVIDING ASSISTANCE TO GPA AND ITS UTILITY PARTNERS DURING POST TYPHOON MAWAR POWER RESTORATION

The Hyatt Regency Guam, a PHR Ken Micronesia property, answered GPA's call for assistance for accommodations days after Typhoon Mawar, a Category 4 storm and the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds, causing widespread flooding and damages to all parts of the island. The Guam Power Authority requested assistance from Mutual Aid Utility partners from the Commonwealth of the Northern Mariana Island, Pohnpei, and Snohomish PUD in Washington State to travel to Guam to support restoration efforts for Guam's island wide power infrastructure and electrical grid system. The Hyatt Regency Guam committed to supporting GPA and its recovery plan by prioritizing and reserving accommodations, ensuring laundry services and designated parking stalls were available for visiting crews, ensuring that they would have comfortable accommodations while they worked tirelessly to support GPA's local restoration and recovery efforts.

The Hyatt Regency Guam helped to take care of visiting crews until their job was complete on island, which lasted **almost two months**. The Hyatt Regency Guam played an important role in supporting Guam's restoration efforts by managing accommodation details so GPA and the crews can focus on their critical work at hand, sometimes for 12 to 16 hours shifts to repair essential transmission and distribution power lines that distributed power into substations and the villages. The Hyatt Regency Guam supported visiting crews who worked in rotating shifts 24 hours a day, aiding in a more efficient and shortened recovery period. The collective effort of all crews significantly contributed to the restoration of Guam's Island Wide Power System which serves more than 52,000 Guam customers within **50 days** setting a record for restoration and expectations for improvement after a major typhoon.

GPA is grateful to the Hyatt Regency of Guam's General Manager, Mrs. Sophia Chu, along with her management and staff, who had a hand in helping Guam recover after a major natural disaster.



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. FY2023-31

**RECOGNITION OF HYATT REGENCY GUAM FOR PROVIDING ASSISTANCE TO
GPA AND ITS UTILITY PARTNERS DURING POST TYPHOON MAWAR POWER
RESTORATION**

WHEREAS, the Hyatt Regency Guam, a PHR Ken Micronesia property, answered GPA’s call for assistance for accommodations days after Typhoon Mawar, a Category 4 storm and the first major typhoon to land on Guam in more than two decades, devastated the island with super typhoon winds, causing widespread flooding and damages to all parts of the island; and

WHEREAS, the Guam Power Authority requested assistance from Mutual Aid Utility partners from the Commonwealth of the Northern Mariana Island, Pohnpei, and Snohomish PUD in Washington State to travel to Guam to support restoration efforts for Guam’s island wide power infrastructure and electrical grid system; and

WHEREAS, the Hyatt Regency Guam committed to supporting GPA and its recovery plan by prioritizing and reserving accommodations, ensuring laundry services and designated parking stalls were available for visiting crews, ensuring that they would have comfortable accommodations while they worked tirelessly to support GPA’s local restoration and recovery efforts; and

WHEREAS, the Hyatt Regency Guam helped to take care of visiting crews until their job was complete on island, which lasted **almost two months**; and

WHEREAS, the Hyatt Regency Guam played an important role in supporting Guam’s restoration efforts by managing accommodation details so GPA and the crews can focus on their critical work at hand, sometimes for 12 to 16 hours shifts to repair essential transmission and distribution power lines that distributed power into substations and the villages; and

WHEREAS, the Hyatt Regency Guam supported visiting crews who worked in rotating shifts 24 hours a day, aiding in a more efficient and shortened recovery period; and

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ABSENT:



Management Report

CCU Board Meeting

August 29, 2023

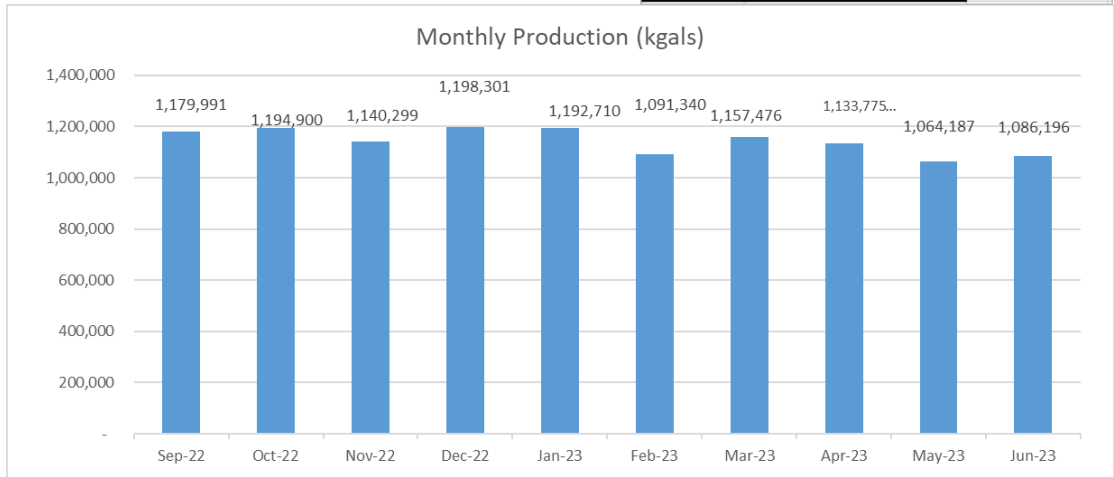




Operations Update
Water Production (June 2023)

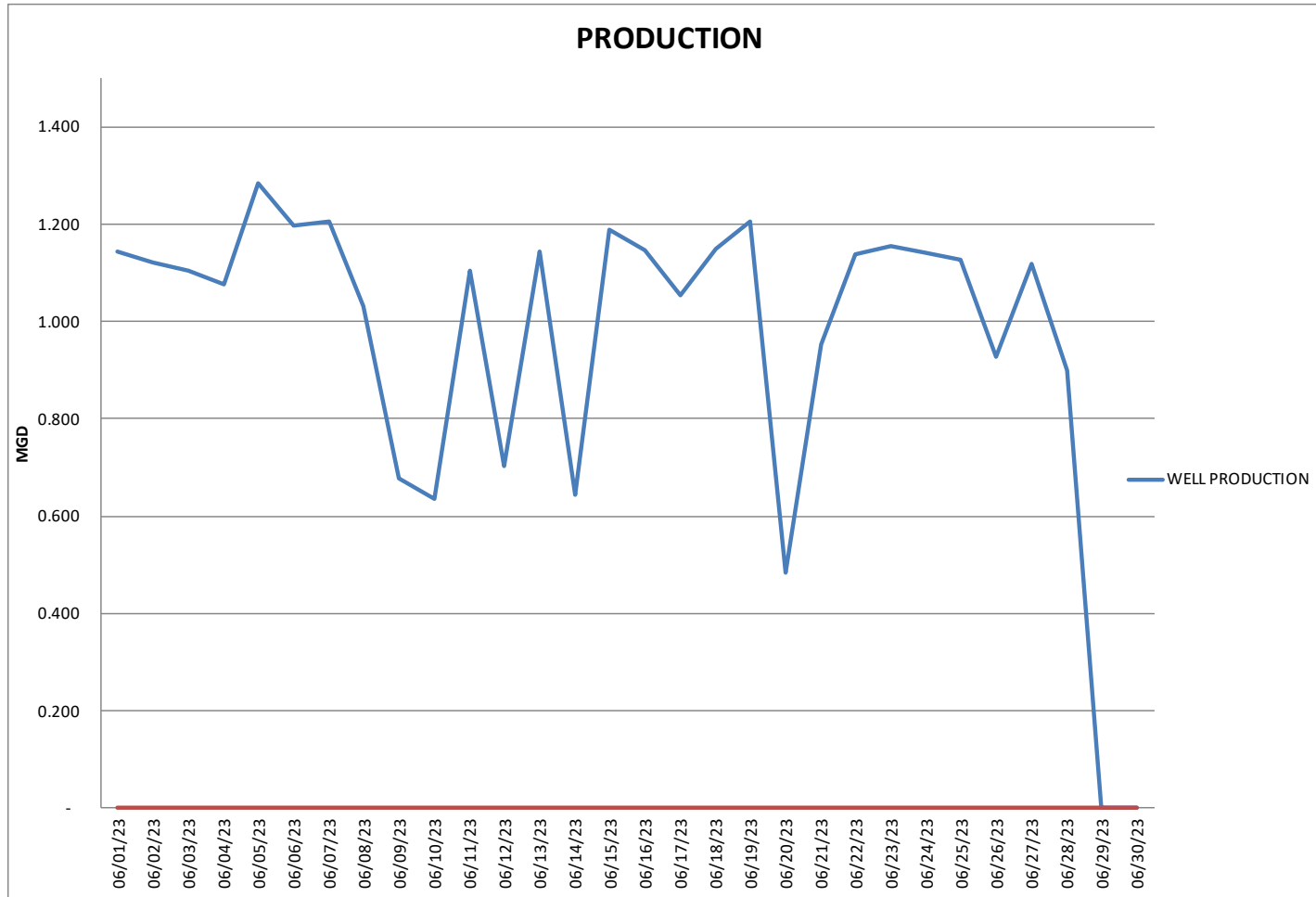
Monthly Production Summary - June 2023			
Deep Wells			32.9 MGD
Active wells =	96	of 120	
Avg days in operation :	30	days	
Total Production =	986,898	Kgals	
Springs			0.46 MGD
Avg days in operation :	30	days	
Total Production =	13,794	Kgals	
Ugum Surface Water Plant			1.9 MGD
Avg days in operation :	30	days	
Total Production =	56,746	Kgals	
Tumon Maui Well			1.03 MGD
Avg days in operation :	28	days	
Total Production =	28,758	Kgals	
			36.3 MGD
		1,086,196	Kgals

DW Status as of 6/30/2023		REMARKS
Active	96	DW units on line
Off Line	4	DW units off line
Grounded Motors	9	A18-A26-D01-D02-D03-D09-F08-F20-Y09
Out of Commission	9	A02-A07-A28-A29-D05-D13-M14-MJ01-MJ05
Secured - PFO	2	A23-A25
TOTAL	120	



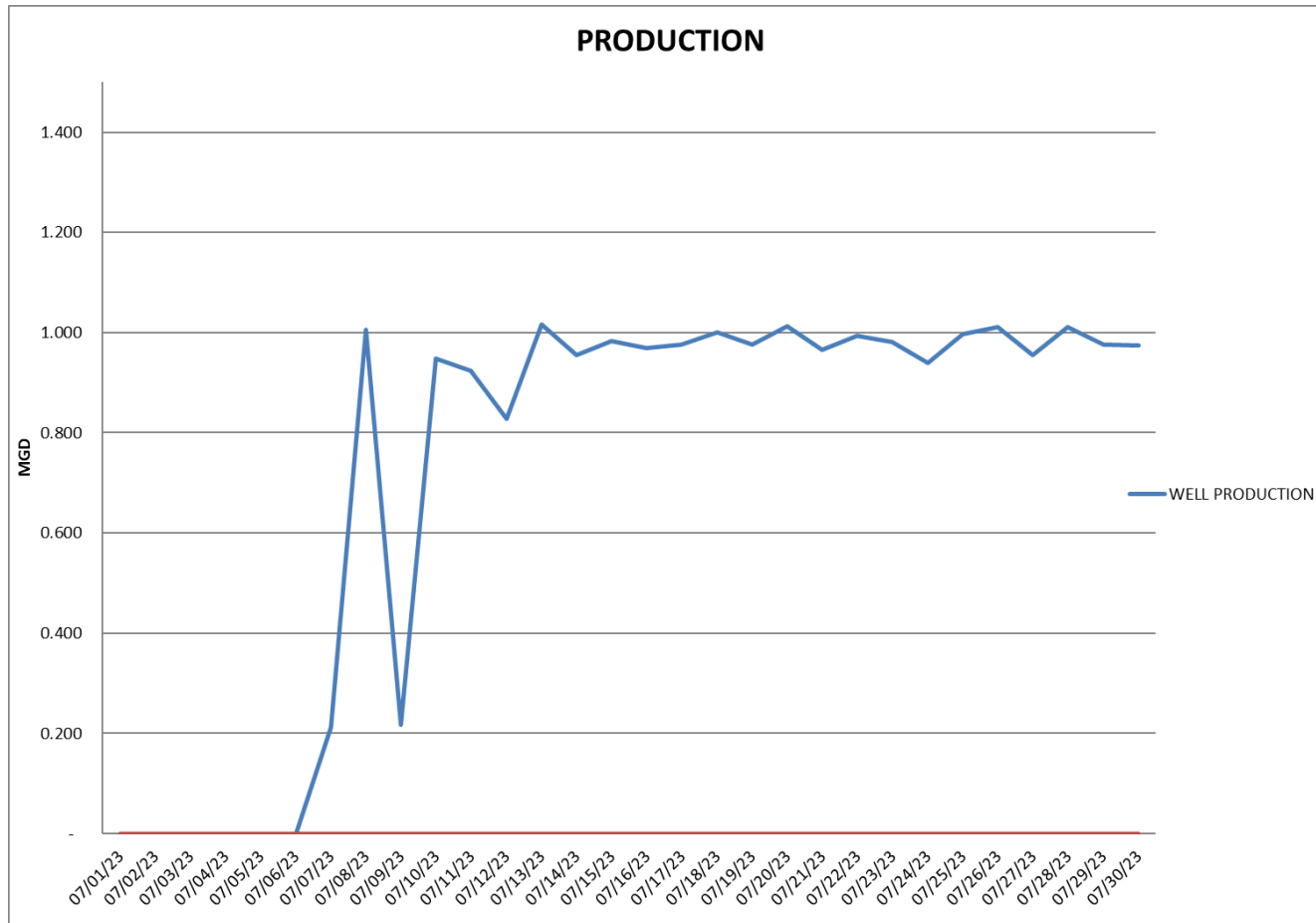


Tumon Maui Well Production (June 2023)





Tumon Maui Well Production (July 2023)



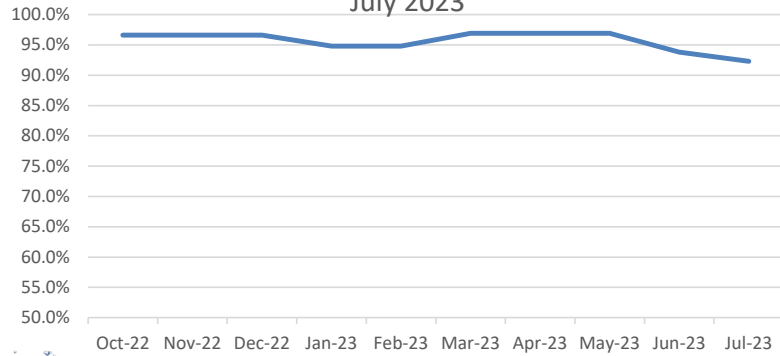


Water Distribution (July 2023)

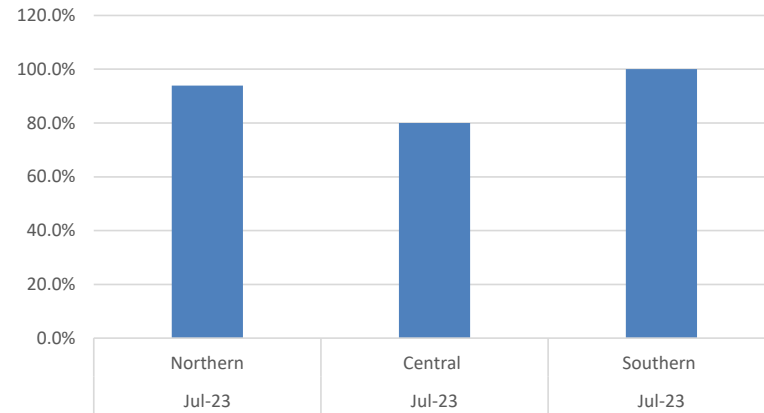
Monthly Distribution Summary - July 2023					
Water Booster Pump Stations					
District	No. of Stations	Total Pumps	Pumps Operating	% Operational	
Northern	14	33	31	93.9%	
Central	7	15	12	80.0%	
Southern	7	17	17	100.0%	
	28	65	60	92.3%	

Monthly Distribution Summary - June 2023					
Water Booster Pump Stations					
District	No. of Stations	Total Pumps	Pumps Operating	% Operational	
Northern	14	33	31	93.9%	
Central	7	15	13	86.7%	
Southern	7	17	17	100.0%	
	28	65	61	93.8%	

WBPS Operability
July 2023

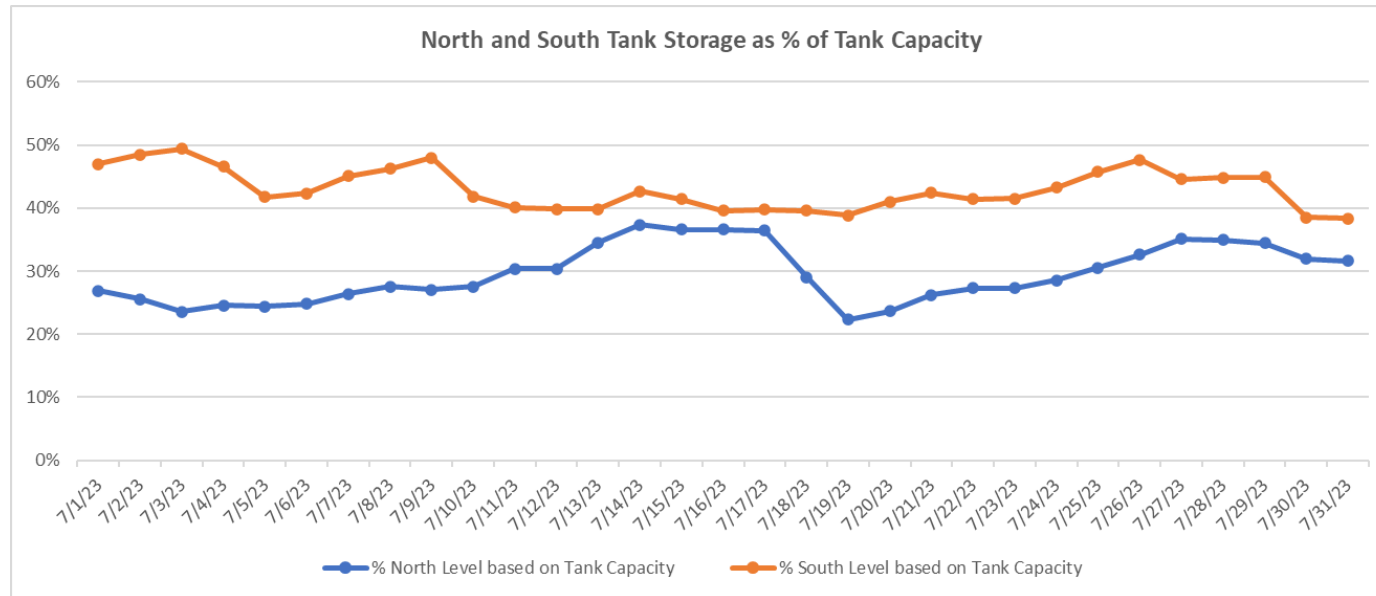


WBPS Operability





Water Distribution – Tank Levels (July 2023)

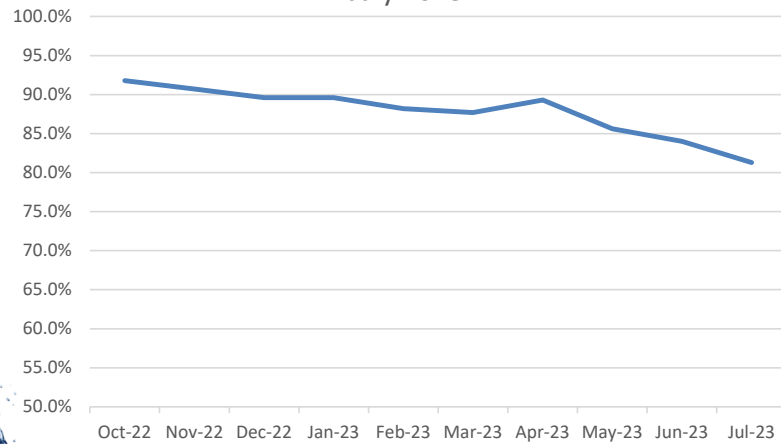




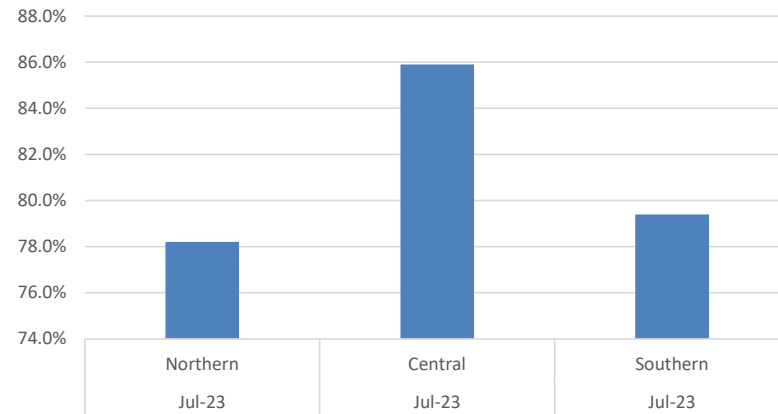
Wastewater Collections (July 2023)

Monthly Collections Summary - July 2023					
Wastewater Pump Stations					
	District	No. of Stations	Total Pumps	Pumps Operating	% Operational
	Northern	23	55	43	78.2%
	Central	29	64	55	85.9%
	Southern	32	68	54	79.4%
		84	187	152	81.3%

WWPS Operability
July 2023

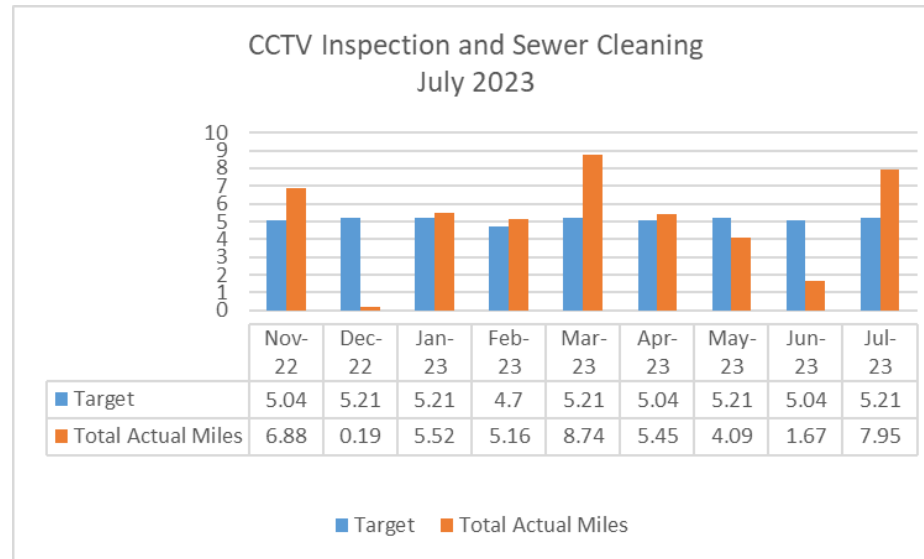


WWPS Operability





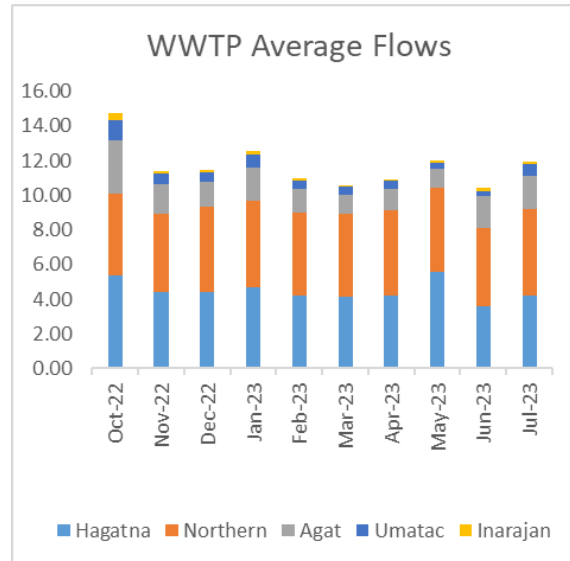
Wastewater Collections – CCTV (July 2023)





Wastewater Treatment (July 2023)

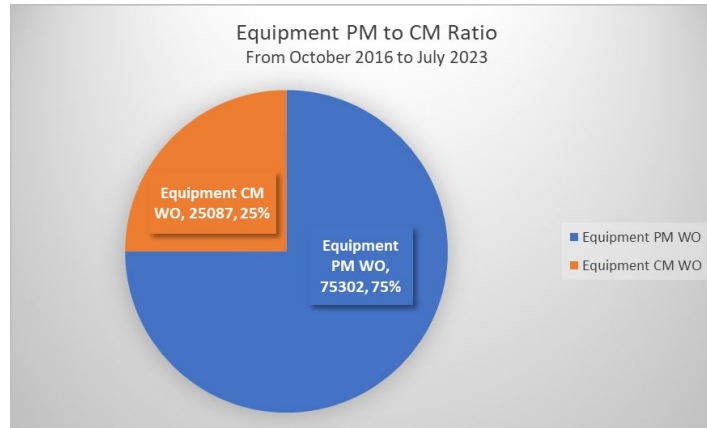
Monthly Wastewater Treatment Summary - July 2023				
WW Treatment Plants - Flows				
	Facility	Avg. Daily Flows	Sludge (lbs)	Sludge Disp. (\$)
	Hagatna	4.19	193,120	\$ 17,381
	Northern	5	666,288	\$ 59,966
	Agat	1.9	32,980	\$ 2,968
	Umatac	0.70		
	Inarajan	0.17		
		11.96	892,388	\$ 80,315



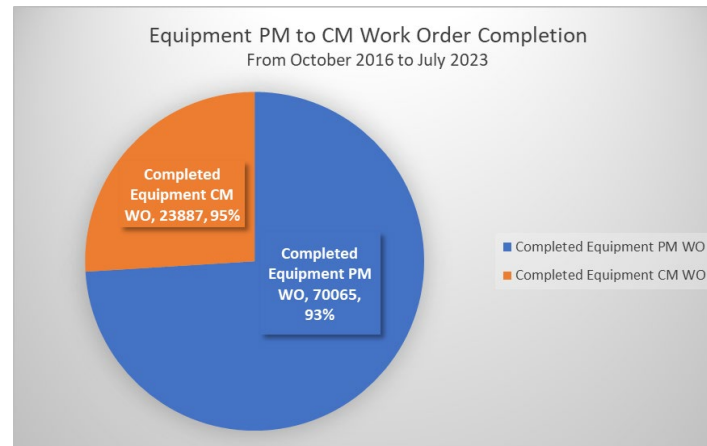


Asset Management (through July 2023)

I. Equipment Preventive Maintenance to Corrective Maintenance *Ratio*



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



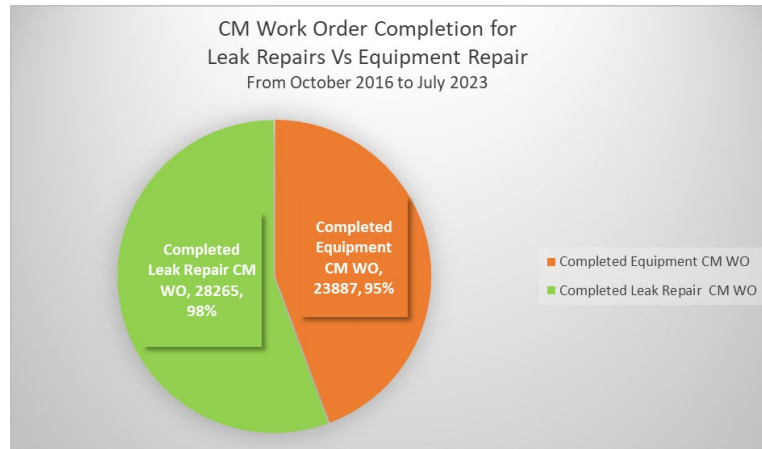


Asset Management (through July 2023)

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 (July 2023)

- **Tumon Maui Well**
 - Inspection – Held on July; no concerns
 - Increase of Production Request (TMW/AG-1) – Permanent increase still pending; current production rates for both TWM and AG-1 are back to the levels listed in licenses (from the 30-day post-Mawar temporary increase).
 - Equipment – GWA is looking to replace some equipment at TMW. Coordination and prior Navy approval to be obtained (not to include GAC material).

- **Lease/Licenses for TMW, AG-1, Tarague, – No response yet from Real Estate.**

- **GWA WW Collection System Easement Request for Marbo/Skaggs**
 - Currently the intent expressed to post-Mawar project team is to relocate the GWA line from inside to outside the boundary (at DoD's cost - not GWA's). This would make it easier for GWA personnel to maintain. Also, looking at moving the interceptor sewer off the S. Finegayan property. GWA will coordinate any required capacity upgrades if relocation is to be accomplished.

(Continued on next page)

