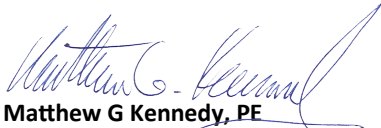


Task	Fee
Task 3.3.1. 90% Landslide Remediation Design	\$53,316.00
Task 3.3.2. Final (100%) Landslide Remediation Design	\$35,208.00
<b>TOTAL COST PROPOSAL</b>	<b>\$955,083.10</b>

## Summary

GHD remains committed to supporting GWA in the completion of all work associated with the Northern and Southern Guam Reservoirs (Santa Rosa, Sinifa and Santa Rita) Project. We understand this project has had numerous challenges, and we remain a committed partner in assisting GWA in the oversight of construction and in the development of a feasible and cost-effective solution to address this slope stability issue at the Santa Rita Reservoir site with the goal of restarting and completing the construction of the Santa Rita Reservoir for the long-term benefit of the Guam community it would serve. Should you have any questions about this proposal, please do not hesitate to contact me.

Respectfully,



**Matthew G Kennedy, PE**  
Principal Engineer/Construction Manager

+1 707-540-3376

matt.kennedy@ghd.com

Copy to: Garrett Yeoh, Brett Railey, PE

Attachments:

1. ENGEO Request for Change Order Proposal



Attachment 1

2010 Crow Canyon Place, Suite 250  
San Ramon, CA 94583-4634  
(925) 866-9000 | FAX (888) 279-2698

**REQUEST FOR CHANGE ORDER**

**TO:** Mr. Matthew Kennedy  
GHD, Inc.  
865 South Marine Corps Drive, Suite 202  
Tamuning, GU 96913

**DATE:** November 3, 2023  
Latest Revision November 13, 2023

**ENGEO Project No.:** 19128.000.002  
**Phase:** 006  
**ENGEO Contact:** Mr. Jeff Braun

**PROJECT NAME:** GWA Santa Rita Landslide, Guam

**ORIGINAL CONTRACT NO.:** 380-000171  
**ORIGINAL CONTRACT DATE:** November 8, 2021

**Additional Scope of Services:**

Previously, ENGEO provided review and limited geotechnical exploration at the landslide area and issued a report. However, ENGEO is not the design Geotechnical Engineer of Record (GEOR) for this project and our services are in a review and quality control capacity as requested by GHD for the project. We propose the following three tasks outlining additional scope of services and fee estimates related to individual tasks.

**Task 1 – On-Call Geotechnical Engineering and Engineering Geology Support Services:** Provide as-needed geologic and geotechnical consultation services related to measures for stabilization of an existing landslide area near the Santa Rita reservoir site. The project designer (TG Engineers) and their GEOR (Geo-Engineering & Testing) have prepared design alternatives and recommendations to stabilize the active landslide area. ENGEO geologists and engineers have performed a preliminary review of two repair plans by TG Engineers. For this task, our services proposed would involve further reviewing alternatives and supporting calculations to provide our comments and geotechnical experience and feedback to the GEOR for their consideration. Our comments would be provided via email and during meetings with the Guam Waterworks Authority and other consultants to support review and comment of the repair alternatives.

**Task 2 – Supplemental Geotechnical Exploration and Design Report, Preparation of Conceptual Plans for Landslide Area Earthwork Grading and Drainage Remediation Alternative:**

- A. Supplemental Exploration – Perform supplemental field exploration and laboratory testing to characterize landslide depth and geotechnical strength parameters for concept design for landslide area stabilization considering earthwork remedial grading and drainage repair alternative. Two exploratory borings will be permitted and drilled within landslide area, extending to depths ranging from 50 to 70 feet below ground surface. Selected soil samples will be obtained and tested in the laboratory for geotechnical index properties and shear strength characterization of landslide. Prepare model and perform slope stability analysis to evaluate design remediation and recommendations for landslide repair grading solution. Prepare a geotechnical and engineering geologic design report providing findings, conclusions, and recommendations for landslide area earthwork grading and drainage remediation alternative.
- B. Prepare Conceptual Design (30 percent Design Level Plans) – Based on findings Task 2A prepare conceptual design package with plans, details, notes and specifications for earthwork remedial grading and drainage repair alternative. Working with GHD, Inc., ENGEO will prepare conceptual design package (30 percent design level plans and specifications). Estimate plans to include four design sheets containing plans, notes, specification, and pertinent details.

GHD, Inc.  
GWA Santa Rita Landslide, Guam  
REQUEST FOR CHANGE ORDER

19128.000.002  
November 3, 2023  
Latest Revision November 13, 2023  
Page 2 of 2

**Task 3 – Prepare Final Plans, Details and Specifications for Landslide Area Remediation:** Taking conceptual design to final design plans, details, and specifications. Estimated two submittals (90 percent and 100 percent) for review and comment and finalize design package for construction bidding.

- A. 90 Percent Submittal Design and Specification Package – Working with GHD, Inc., ENGEO will prepare final design package (90 percent design package) including design plans, details, notes and specifications for landslide area grading and drainage remediation. Estimate plans to include four design sheets containing plans, notes, specification, and pertinent details.
- B. Final Design and Specifications (Bidding Package) – Addressing 90 percent submittal review comments, and working with GHD, Inc., ENGEO will prepare 100 percent submittal for final design package including design plans, details, notes, and specifications for construction bidding for landslide earthwork grading and drainage remediation. Estimate plan to include four design sheets containing plans, notes, specification, and pertinent details.
- C. Prepare Engineers Cost Estimate – Working with GHD, Inc., ENGEO will prepare engineers cost estimate for landslide grading and drainage remediation.

**Budget Allowance/Fee Estimate:**

**Task 1 – On-Call Geotechnical and Geology Support Services (time-and-expense basis):** We estimate up to 30 professional hours of principal geotechnical engineer and geologist consultation time with, which includes the billable work hours accrued prior to preparing this RFCO, will be required to provide the geologic and geotechnical support for the Santa Rita Landslide review. We will only provide our review services and/or attend meetings upon receiving requests or invitations from you.

**Task 1 - \$10,500**

**Task 2 – Geotechnical Design Report, Conceptual Plans for Landslide Area Remediation (fixed-fee basis):**

- A. Supplemental Exploration **Task 2A - \$58,000**
  - B. Conceptual Design Plans (30 Percent Design-Level Plans) **Task 2B - \$18,000**
- Subtotal Task 2 - \$76,000**

**Task 3 – Prepare Final Plans, Details and Specifications for Landslide Area Remediation (fixed -fee basis):**

- A. 90 Percent Submittal Design and Specification **Task 3A - \$21,000**
  - B. Final Design and Specifications (Bidding Package) **Task 3B - \$12,000**
  - C. Engineers Cost Estimate **Task 3C - \$6,000**
- Subtotal Task 3 - \$39,000**

If you agree with the scope of services and fees outlined in this request, please forward a change order to the above-referenced original contract as authorization for us to proceed. All other terms and conditions of the original contract shall remain in effect.

**ENGEO INCORPORATED**

BY: 

PRINTED NAME: Theodore P. Bayham

TITLE: Principal

DATE: November 13, 2023

jtb/tb/ca

Attachment: Preferred Client Fee Schedule



GEOTECHNICAL  
 ENVIRONMENTAL  
 WATER RESOURCES  
 CONSTRUCTION SERVICES  
 COASTAL/MARINE GEOTECHNICS

**PREFERRED CLIENT FEE SCHEDULE  
 PROFESSIONAL SERVICES  
 Effective February 2023**

President.....	\$465.00 per hour
Principal .....	\$365.00 per hour
Associate .....	\$305.00 per hour
Subject Matter Expert.....	\$400.00 per hour
Senior.....	\$265.00 per hour
Project.....	\$235.00 per hour
Staff.....	\$205.00 per hour
Assistant .....	\$165.00 per hour
Construction Services Manager II.....	\$210.00 per hour*
Construction Services Manager I.....	\$200.00 per hour*
Senior Field Representative II.....	\$176.00 per hour*/**
Senior Field Representative I.....	\$157.00 per hour*/**
Field Representative.....	\$145.00 per hour*/**
Senior Laboratory Technician .....	\$180.00 per hour
Laboratory Technician.....	\$160.00 per hour
Senior GIS Developer.....	\$190.00 per hour
Senior GIS Analyst .....	\$185.00 per hour
GIS Analyst.....	\$175.00 per hour
Senior CAD Specialist .....	\$175.00 per hour
CAD Specialist.....	\$160.00 per hour
Network Administrator .....	\$250.00 per hour
Project Assistant .....	\$145.00 per hour

- \* Two-hour minimum portal to portal and cancellations within 24 hours.
- \* **OVERTIME RATES:** Rates increased by factor of 1.5 for all hours worked in excess of eight (8) Monday through Friday, and the first eight (8) hours worked on Saturday. Rates increased by factor of 2.0 for all hours worked in excess of twelve (12) Monday through Friday, all hours worked in excess of eight (8) on Saturday and all hours worked on Sunday and holidays.
- \*\* For Prevailing Wage projects, increase the hourly rate by \$19.
- \*\* Rates increased by factor of 1.25 for night shift hours (hours commencing after 4:00 p.m. or before 4:00 a.m.); rates increased by factor of 1.875 (an additional factor of 1.5) for all night shift hours in excess of eight (8); rates increased by factor 2.5 for all night shift hours worked in excess of twelve (12).

**ADDITIONAL SERVICES OFFERED**

In addition to our core services of geotechnical, hydrologic and environmental engineering, including construction-phase testing and observation, ENGEO provides clients with services for establishment and management of Geologic Hazard Abatement Districts (GHAD) and for Entitlement and Permitting Support (EPS). For more information about these services and associated pricing, please contact ENGEO at (925) 866-9000.

**OTHER FEES**

- Equipment and materials will be charged in addition to the above hourly rates.
- Outside Consultants, Subcontracted Services and Equipment Rental ..... Cost plus 25%
- Expert Witness, Deposition, Mediation, Arbitration, or Court Appearance (Minimum Charge).....\$2,400.00 half day, \$4,800.00 full day

**TERMS**

Invoices will be submitted at completion of work or at approximately four week intervals and are due and payable upon receipt. Statements will be issued at monthly intervals. Charges not paid within 30 days of invoice date will accrue a late charge at a rate of 1.5 percent per month. In the event it becomes necessary to commence suit to collect amount due, Client agrees to pay attorney's fees and costs, as the court may deem reasonable until amount is paid. Fees will be applicable for one year from the effective date above; thereafter, fees will be adjusted annually. Our fees will be billed using an invoice format produced by a standardized accounting software package. A more customized itemization of charges and backup data will be provided upon Client's requests, but at additional fees. Final reports may be withheld until outstanding invoices are paid in full.

Many risks potentially affect ENGEO by virtue of entering into this agreement to perform services on behalf of client. A principal risk is the potential for human error by ENGEO. For client to obtain the benefit of a fee that includes a nominal allowance for dealing with our liability, client agree to limit ENGEO's liability to Client and all other parties for claims arising out of our performance of the services described in the agreement. The aggregate liability will not exceed \$50,000 (or ENGEO's fee, whichever is greater, but not more than \$1,000,000) for professional acts, errors, or omissions, including attorney's fees and costs that may be awarded to the prevailing party and client agrees to indemnify and hold harmless ENGEO from and against all liabilities in excess of the monetary limit established above.

**EQUIPMENT AND MATERIALS CHARGES**

DESCRIPTION	COST PER UNIT (\$)	UNIT
Air Content Meter	7.00	hour
Bailers (Disposable)	10.00	each
Coatings Thickness Kit (eg. Fireproofing, Protective Paint)	30.00	hour
Concrete Crack Monitor	20.00	each
Coring Machine	30.00	hour
Double-Ring Infiltrometer	50.00	hour
Electronic Water Level Indicator	5.00	hour
Engineering Analysis Software	45.00	hour
Equipment Transport(er)	100.00	hour
Exploration Equipment (Electric Auger)	50.00	hour
Floor Flatness/Floor Level Equipment	40.00	hour
Generator	15.00	hour
GIS Website Portal Subscriptions	50.00	month
GPS Handheld Device	10.00	hour
Drone Equipment	210.00	hour
Hand Auger and Soil Sampler	15.00	hour
Hydraulic Pull-Test Equipment	25.00	hour
Interface Probe	2.00	hour
Magnetic Particle Test Equipment	25.00	hour
Moisture Content Test Equipment	6.00	hour
Multi-Parameter Water Meter	15.00	hour
pH Meter/Turbidity Meter	10.00	hour
Photo Ionization Detector	20.00	hour
Reinforcing Bar Locator	100.00	hour
Sampling Tubes	10.00	each
Sand Cone Equipment and Material	5.00	hour
Schmidt Hammer	20.00	hour
Seisometer	50.00	hour
Skidmore Wilhelm Bolt Tension Calib.	40.00	hour
Slope Inclinometer/Settlement Indicator/VW Readout	50.00	hour
Torque Wrench	15.00	hour
Transfer Pump	3.00	hour
Ultrasonic Equipment	50.00	hour
Vapor Emission Test Kit	40.00	kit
Vector Conversion	60.00	conversion
Vehicle, nuclear gauge, equipment, wireless communication. *Add \$5.00/hr. for RTK enabled autotesting equipment.	33.00*	hour
Vehicle, equipment, wireless communication	23.00	hour
Vibration Monitor	1800.00	month
Water Sampling Pumps	20.00	hour
Bridge Toll	actual	actual
Mileage	.98	mile
Parking	actual	actual
AutoCAD, Civil 3D, GIS, Drone Data Processing	29.00	hour
Photocopies Black & White	0.25	each
Photocopies Color 11 x 17	1.50	each
Photocopies Color 8½ x 11	1.00	each
Plot - Black & White	3.00	square foot
Plot - Color	4.00	square foot
Postage	actual	actual
Scan - Black & White	1.50	each
Scan - Color	3.75	each
Telephone	0.50	minute

# GM REPORT

## November 2023

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

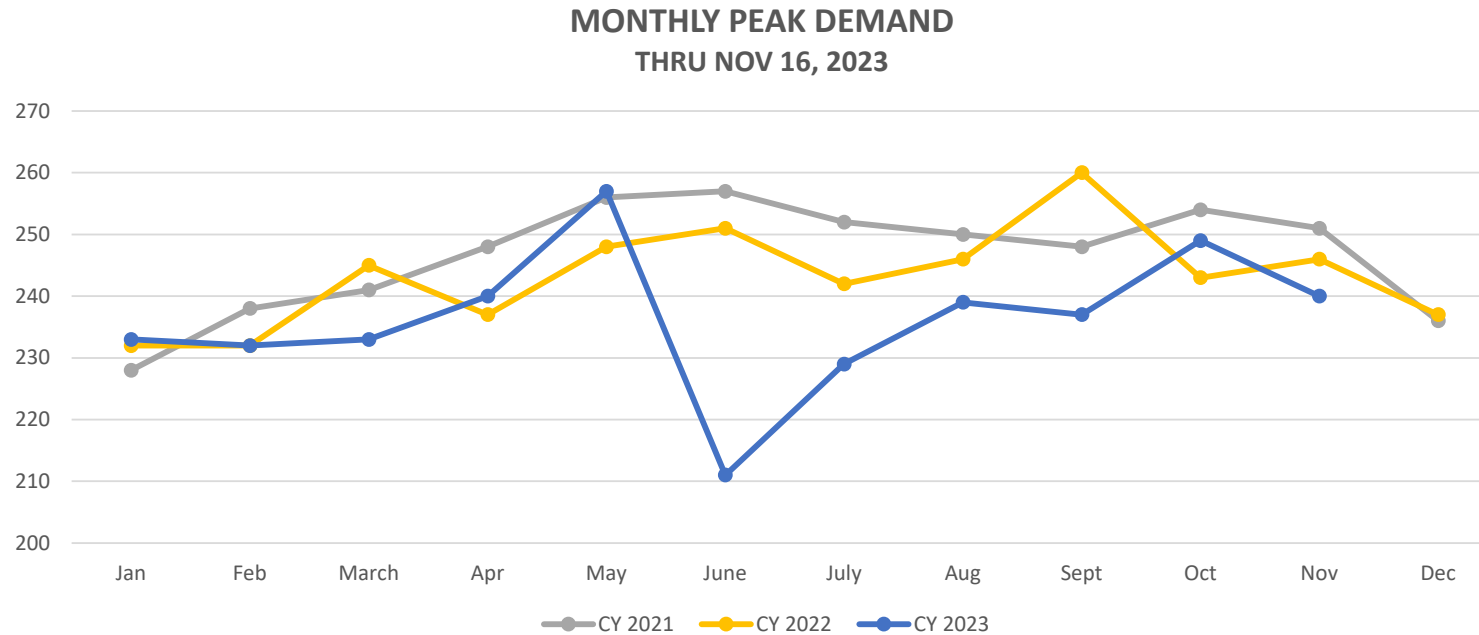


# Projected December Generation Status

## 1. Reserve Margin Forecast for December 2023:

Targeted Available Capacity:	270 MW (All Baseloads Available)
Projected Demand:	235 MW
Anticipated Reserve Margin:	35 MW
Interruptible Load Availability:	15 MW
Total Reserves:	50 MW

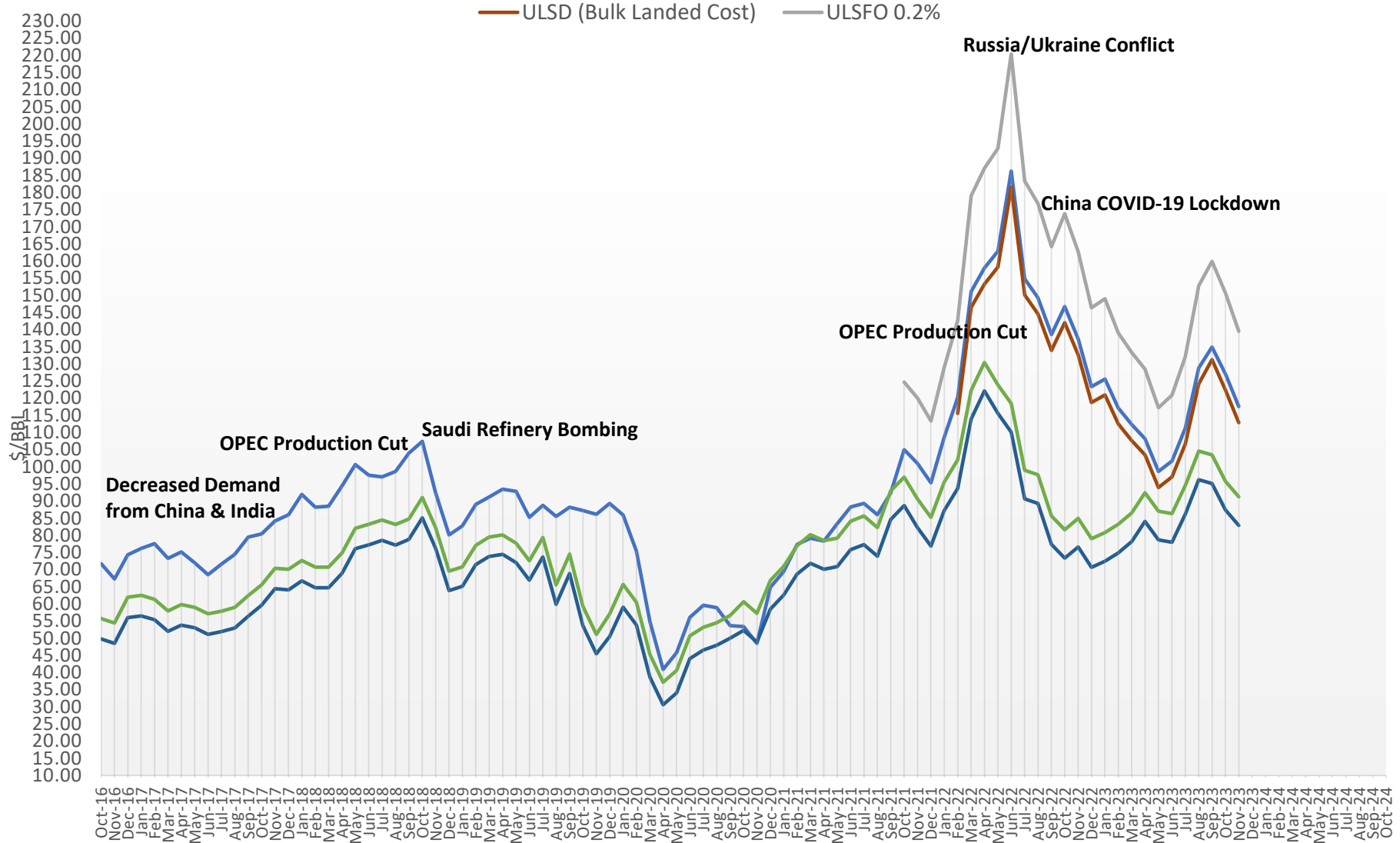
## 2. System Peak Demand:



# GPA Fuel Landed Cost (Per Barrel Thru November 17, 2023)

## 3. 0.2% ULSRFO 139.52; ULSD Bulk 112.52

### Fuel Prices (Landed Cost) - Progressive Chart





# General Manager's Report

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## 4. PUC Update:

### GPA Docket - Thursday, November 30, 2023 Regular Meeting

- GPA Docket 23-17, *Petition to Approve EPCM, Phase I, Liquefied Natural Gas (LNG) Pre-Development Study, Scope, and Costs*
- GPA Docket 24-04, *Petition for Approval to Authorize GPA to Exercise Its Option to Renew Unarmed Security Guard Services*
- GPA Docket 24-05, *Petition for Approval to Award Hyundai Corporation GPA's Contract for Bulk Supply Ultra Low Sulfur Diesel (ULSD) Fuel Oil*
- GPA Docket 24-06, *Petition to Approve Amendment 2 to Hanwha Energy Corporation's, Phase II, Renewable Energy Acquisition Power Purchase Agreement*
- GPA Docket 24-07, *Petition to Approve 40 Megawatts (MW) Temporary Power Procurement*

### Approved Dockets on October 26, 2023:

GPA Docket 24-01, *Petition for Approval and Authorization for GPA to Award Property Insurance*

GPA Docket 24-02, *Petition for Approval and Authorization for GPA to Award Casualty Insurance*

### Dockets Pending PUC Review:

GPA Docket 24-03, *Petition to Review 12 G.C.A. §8502 (c)(2)(B) relative to Net Metering*

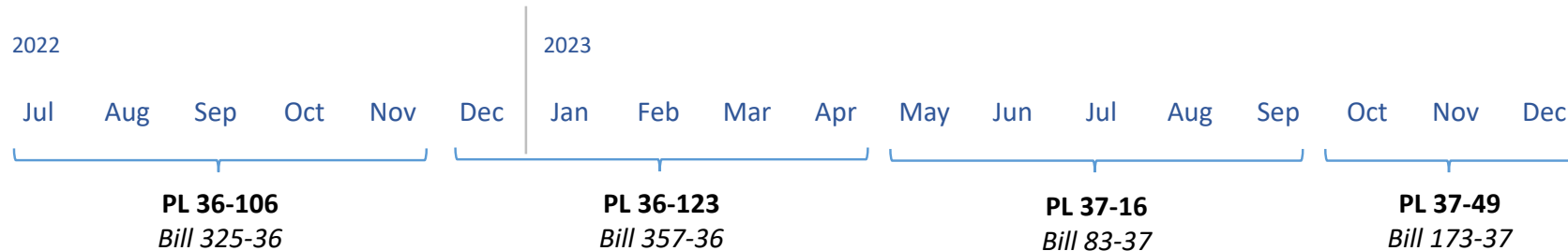


# General Manager's Report

## 5. Customer Assistance :

### Prugrãman Ayuda Para I Taotao-ta Energy Credit 3<sup>rd</sup> Extension

- Governor Leon Guerrero signed Bill 173-37 into law on November 10, 2023. Public Law 37-49, the third extension of the *Prugrãman Ayuda Para I Taotao-ta Energy Credit Program*, provides eligible GPA ratepayers a \$100 credit from October through December 2023.
- GPA is working with DOA to receive the allotments. Once received, the credits will be applied to eligible active GPA accounts.



### Guam Homeowner Assistance Fund Program (HAF)

- \$47,079.01 was applied to qualified ratepayer accounts from October 7, 2023, through November 9, 2023. [Batches 73-76]

### Emergency Rental Assistance Program (ERA)

- \$352,316.06 was applied to qualified ratepayer accounts from October 7, 2023, through November 9, 2023. [Batches 264-277]



# General Manager's Report

## 6. DSM Online Report - October 2023

### OVERALL COUNTS

Month	ALL			COMMERCIAL			RESIDENTIAL		
	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates
FY-2022*	696	981	\$ 290,175	7	12	\$ 3,150.00	689	969	\$ 287,025
FY-2023	5,721	7,989	\$ 2,374,625	67	101	\$ 35,400.00	5,654	7,888	\$ 2,339,225
Oct-23	416	571	\$ 171,675	7	12	\$ 3,400.00	409	559	\$ 168,275
Nov-23									
Dec-23									
Jan-24									
Feb-24									
Mar-24									
Apr-24									
May-24									
Jun-24									
Jul-24									
Aug-24									
Sep-24									
<b>TOTAL</b>	<b>6,833</b>	<b>9,541</b>	<b>\$ 2,836,475</b>	<b>81</b>	<b>125</b>	<b>\$ 41,950.00</b>	<b>6,752</b>	<b>9,416</b>	<b>\$ 2,794,525</b>

### AVERAGES

Month	ALL		COMMERCIAL		RESIDENTIAL	
	Applications	Equipment	Applications	Equipment	Applications	Equipment
As of Oct-23	\$ 415	\$ 297	\$ 518	\$ 336	\$ 414	\$ 297

\* DSM Online went live on 8/17/22. FY2022 Figures are from 8/17/2022 to 9/30/2022 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

## 6. DSM Online Report - October 2023

### APPLICATIONS PER STATUS

MONTHS	ALL	COMMERCIAL			RESIDENTIAL		
	Applications	Processing	Approved	Denied	Processing	Approved	Denied
FY-2022*	696	-	3	4	-	595	94
FY-2023	5,721	10	29	28	1,308	3,318	1,028
Oct-23	416	7	-	-	345	-	64
Nov-23							
Dec-23							
Jan-24							
Feb-24							
Mar-24							
Apr-24							
May-24							
Jun-24							
Jul-24							
Aug-24							
Sep-24							
<b>TOTAL</b>	<b>6,833</b>	<b>17</b>	<b>32</b>	<b>32</b>	<b>1,653</b>	<b>3,913</b>	<b>1,186</b>



# 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 7<sup>th</sup>, 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
- GPA received GUP's updated project schedule with the 14.5 month delay on Sep. 13, 2023.
- **Resolved fuel supply configuration issue with GUP on Oct. 24, 2023.**



# 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).
  - ✓ **Archaeological monitoring is nearly completed for all required 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 is reviewing GUP's proposal to accelerate schedule from a 14.5 month delay to 11 month delay
  - ✓ GPA is reviewing GUP's proposal to change fuel pump configuration.
  - ✓ GPA is assisting DUP with work within Harmon Substation
    - ✓ GPA work includes installation of line guards, outage coordination, etc.
  - ✓ **GPA is attending weekly DPW meetings to help GUP/DUP attain work permit for Route 16.**



# General Manager's Report

## 7. New Power Plant Update: GUP Activities (Contractor)

### Typhoon Mawar Restoration:

- DUP structural engineer arrived on island Jun. 7<sup>th</sup>, 2023 to perform damage assessment.
- Switchgear and HRSG technical advisors arrived on island on Jun. 8<sup>th</sup>, 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.
- Completed demolition of both ULSD tanks.
- GUP finalizing decision for MV switchgear repair/replacement
- Demolition is ongoing for both treated water tanks.
- Foundation bolts for ULSD tanks have been removed. Installing 42 more bolts compared to original 28.
- **Completed demolition for 1 of the 2 treated water tanks. Demolition of the remaining treated water tank is ongoing.**

### Typhoon Bolaven:

- Site was not affected by the typhoon and equipment was well preserved.

### 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. 24<sup>th</sup>, 2023.
- Obtained permit approval for reuse water pipeline installation from DPW and GEPA.
- Concrete work completed for median restoration.
- Conducted monthly cybersecurity meeting to discuss NERC compliance with GPA Oct. 6, 2023
- **DUP presented Route 16 work plan to DPW on Nov. 2<sup>nd</sup>, 2023**



# General Manager's Report

## 7. New Power Plant Update: GUP Activities (continued)

### Ongoing / Pending: *(continued)*

#### Construction

- Power Plant - All 6 phases of plant building construction permits were issued by Oct. 2022.
- Pipeline -
  - Construction of above-ground pipeline pedestals is ongoing
  - Excavation and pipeline installation ongoing at Route 4 and Sgt. Roy T. Damian St road crossings
  - Excavation has started on Route 8 road crossing
  - **Excavation has started on Route 34.**

#### 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.
- Pole foundation work is ongoing within Harmon Substation.

#### 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

- GUP submitted updated schedule on Sep. 13, 2023 with a Jan, 2026 Commercial Operation Date
- GUP submitted "accelerated" schedule on Sep. 13, 2023 with a Sep, 2025 Commercial Operation Date
  - GPA is reviewing GUP's \$12 million dollar request to accelerate schedule
  - **The COD is currently under discussion between GPA and GUP.**

#### 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 4<sup>th</sup>.
- Painting of newly constructed medians is ongoing.

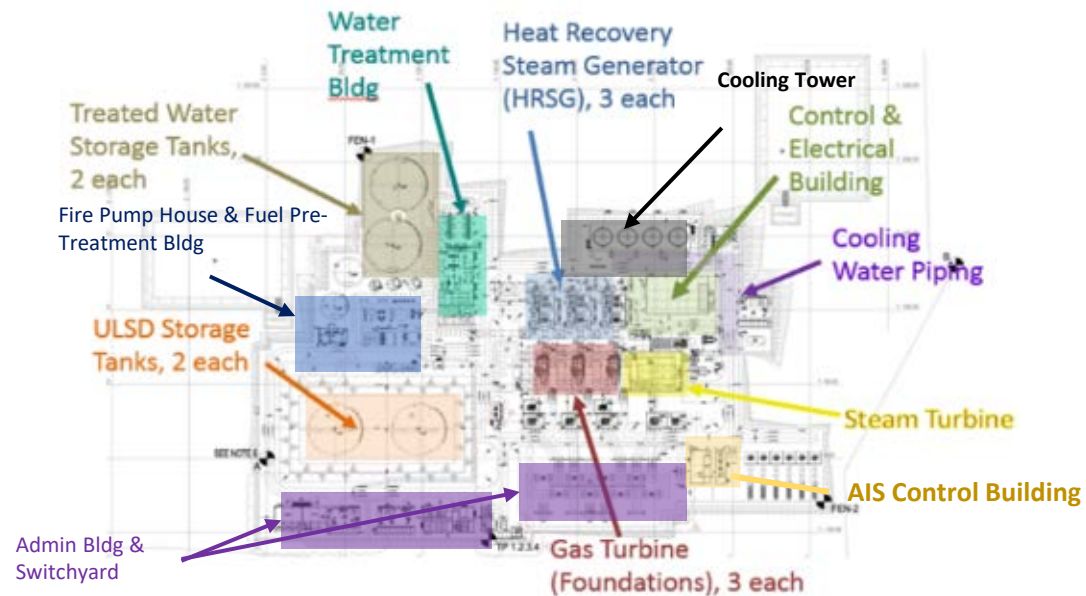




# General Manager's Report

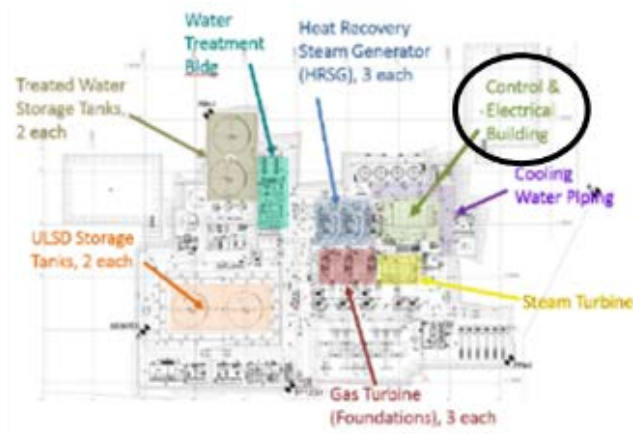
## Ukudu Power Plant Construction Status: *Summary*

- Plant construction progresses steadily.
- Both ULSD tanks are demolished, while the demolition of the last remaining treated water tank is ongoing.
- Major achievements include:
  - Installation of DCS control cabinets
  - Installation of circulating water pumps
  - Excavation for the reuse water pipeline along Route 34.

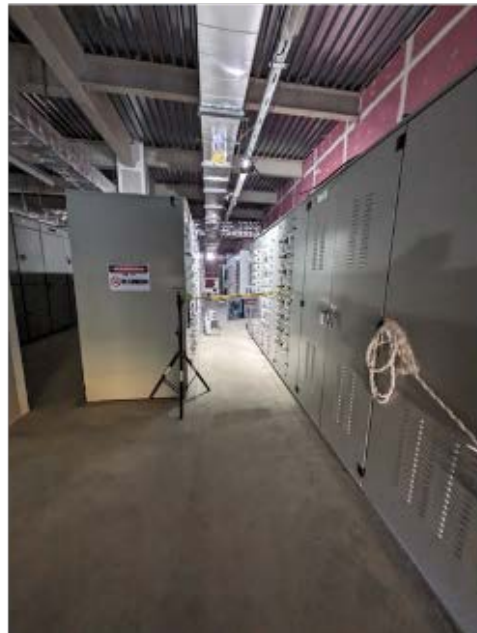


# General Manager's Report

## Ukudu Power Plant Construction Status

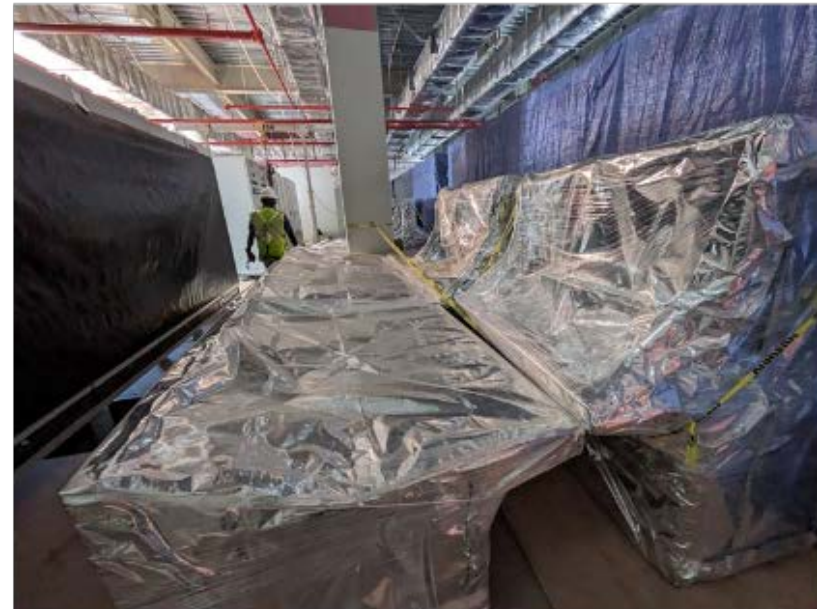


Second Floor – Switchgear installation is ongoing



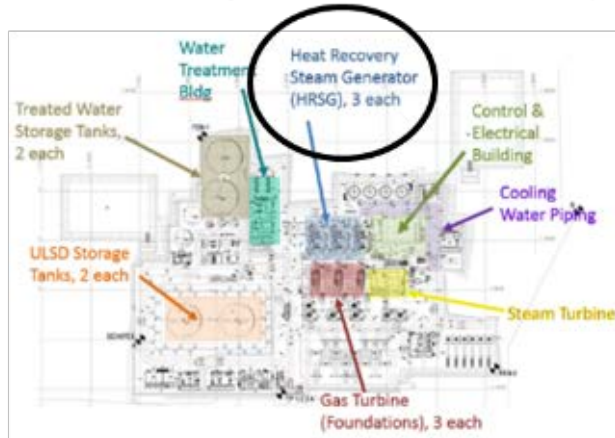
## Control & Electrical Building

Third Floor – DCS control cabinets in place



# General Manager's Report

## Ukudu Power Plant Construction Status Heat Recovery Steam Generator (HRSG)



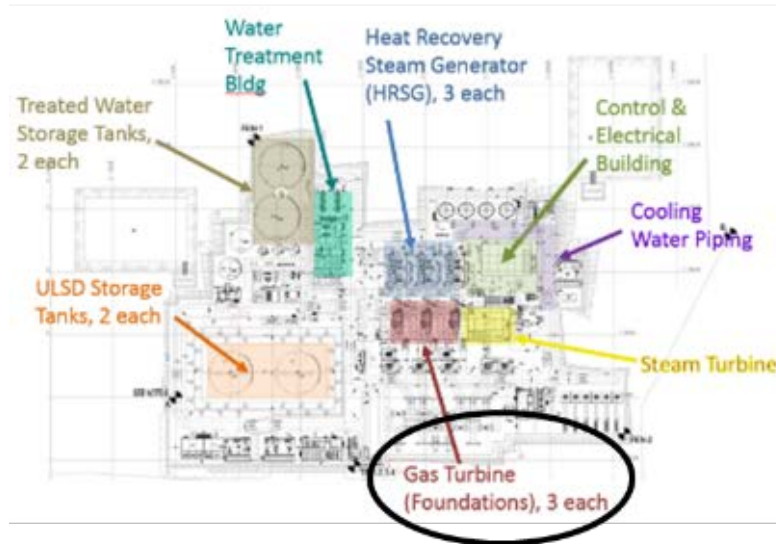
**HRSG: insulation repair and replacement is ongoing. Internal welding is in progress**



# General Manager's Report

## Ukudu Power Plant Construction Status

### Gas Turbines & Generators



GTG Building – Exterior siding installation is nearly complete.

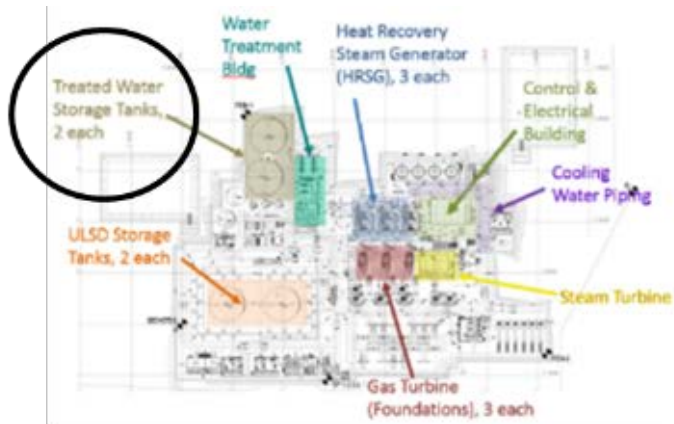


GTG 2: Transformer fire wall construction is ongoing



# General Manager's Report

## Ukudu Power Plant Construction Status



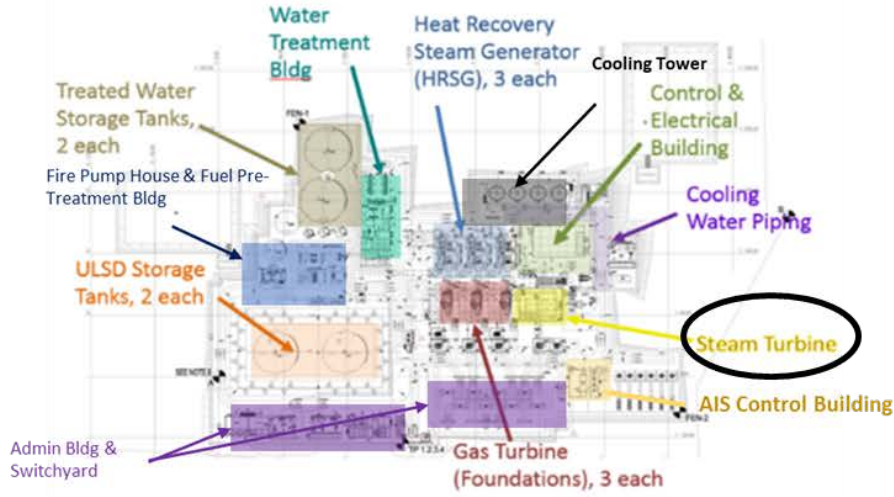
Treated Water Storage Tanks – Demolition is completed for 1 treated water tank.

Demineralized Water Tank– Stair construction is nearly completed



# General Manager's Report

## Ukudu Power Plant Construction Status



Steam Turbine & Generator – Building structural steel is nearly completed

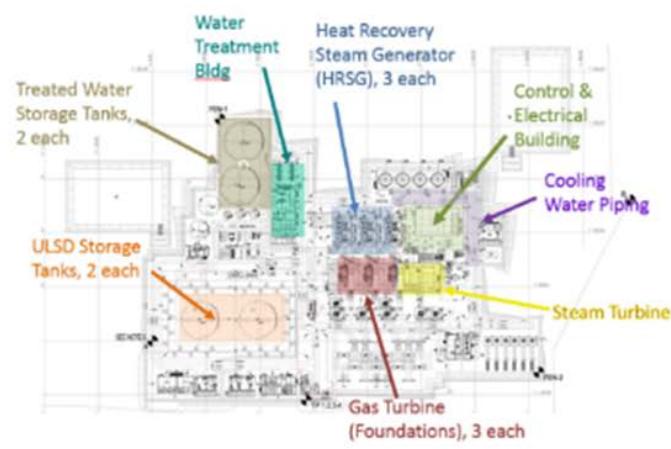


BESS – Excavation for the battery control building foundation is ongoing



# General Manager's Report

## Ukudu Power Plant Construction Status

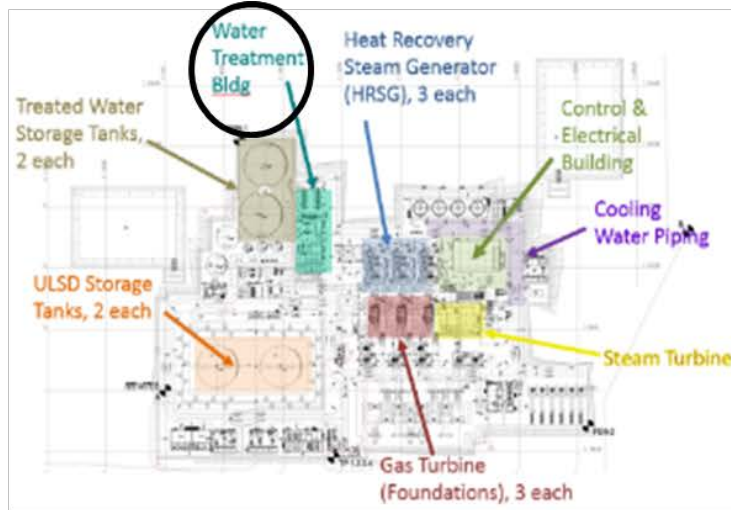


**ULSD Storage Tank A & B – Demolition of both storage tanks is completed. Removing anchor bolts for replacement.**



# General Manager's Report

## Ukudu Power Plant Construction Status



**Water Treatment Building** – Water treatment equipment is ongoing.



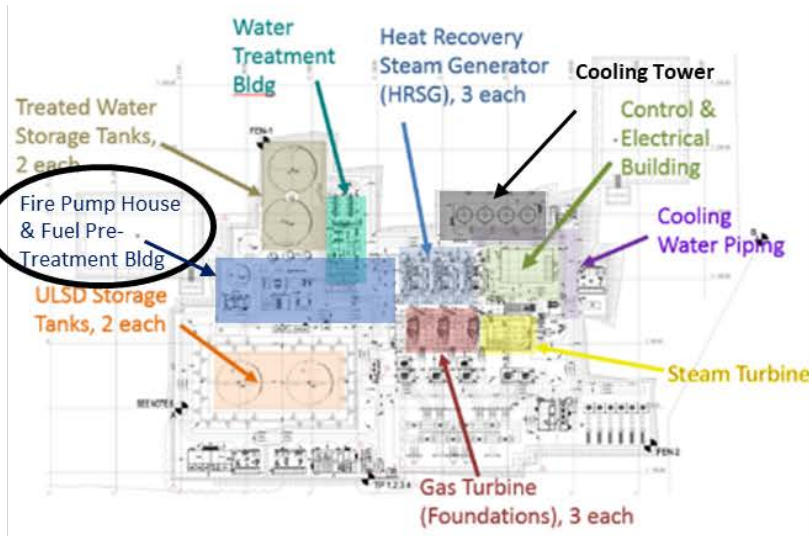
Potable water line installation is ongoing



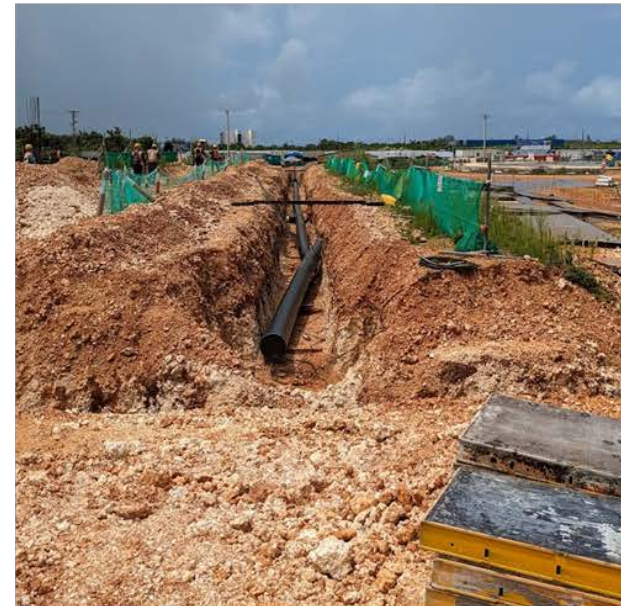


# General Manager's Report

## Ukudu Power Plant Construction Status



Fire Loop – Main trench pipe installation is in progress near ULSD Tank

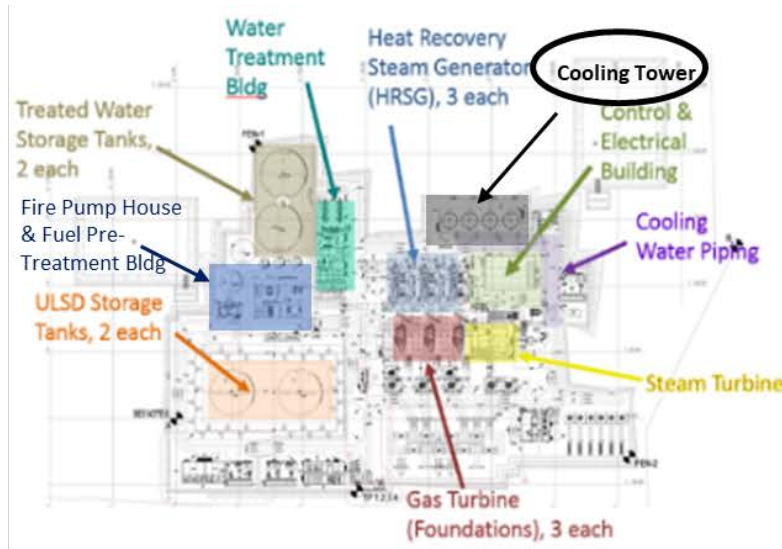


Air Compressor Building– Construction is ongoing



# General Manager's Report

## Ukudu Power Plant Construction Status



Cooling Tower & Basin – Cooling tower frame installation is nearly complete

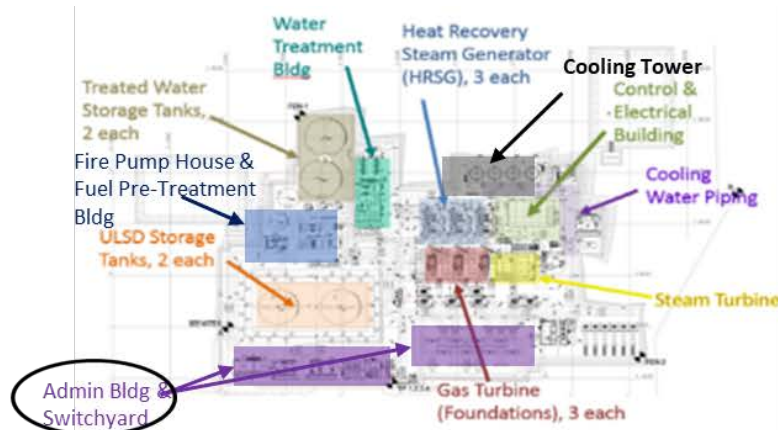


Circulating water pumps are in place



# General Manager's Report

## Ukudu Power Plant Construction Status



Switchyard – Ring bus structures are in place



Admin Building – Construction is ongoing



# General Manager's Report

## Ukudu Power Plant Construction Status

Major achievements include shipping of Gas Turbine BOP equipment and STG piping supports and Hangers. Other progress is shown below:



Fuel Oil Treatment System – ULSD Treatment skid manufacturing in progress



Fuel Oil Treatment System – ULSD Treatment skid manufacturing in progress



Fuel Oil Treatment System – Switch gear production in progress



Fuel Oil Treatment System – Switch gear production in progress



# General Manager's Report

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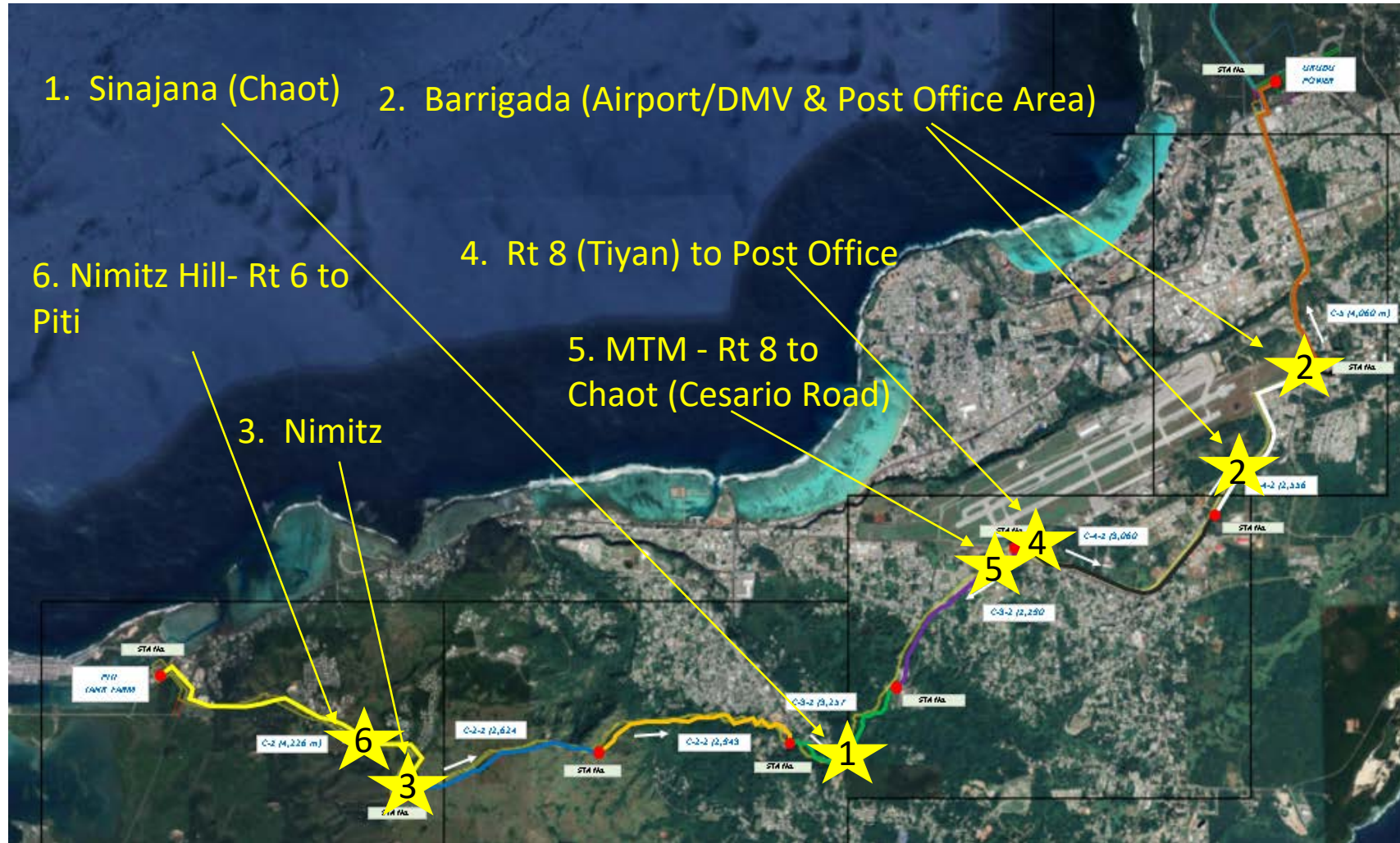
## Ukudu Power Plant Construction Status (Transportation)

**Transportation of all heavy equipment has been completed. Concrete pouring for median restoration is completed. DUP is currently painting the newly formed medians.**



# General Manager's Report

## Fuel Pipeline Construction Status



# General Manager's Report

## Fuel Pipeline Construction Status

### 1. Sinajana/Chaot area

Contractor is reworking the Chaot Bridge East section to the revised design.



### 2. Barrigada

Concrete pouring for isolation pits are ongoing.



# General Manager's Report

## Fuel Pipeline Construction Status

### 3. Nimitz Hill

Above ground pedestal installation and fiber optic trench excavation is in progress.



### 4. Rt 8 (Tiyan) to Post Office

Route 8 road crossing is in progress.





# General Manager's Report

## Fuel Pipeline Construction Status

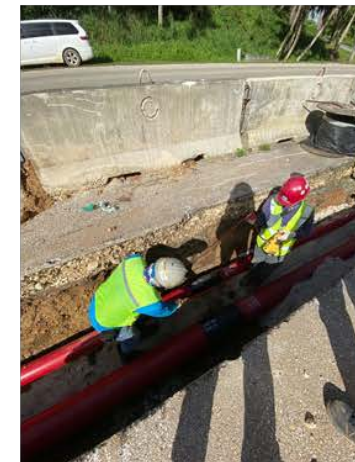
### 5. MTM - Rt 8 to Chaot (Cesario St.)

Road crossing was completed on Sgt. Roy T. Damian Street. Construction for the road crossing near JS Store is ongoing.



### 6. Nimtiz Hill- Rt 6 to Piti

Flowable fill pouring and bedding sand compaction in progress along Route 6. Backfilling completed at Turner and Larson road.



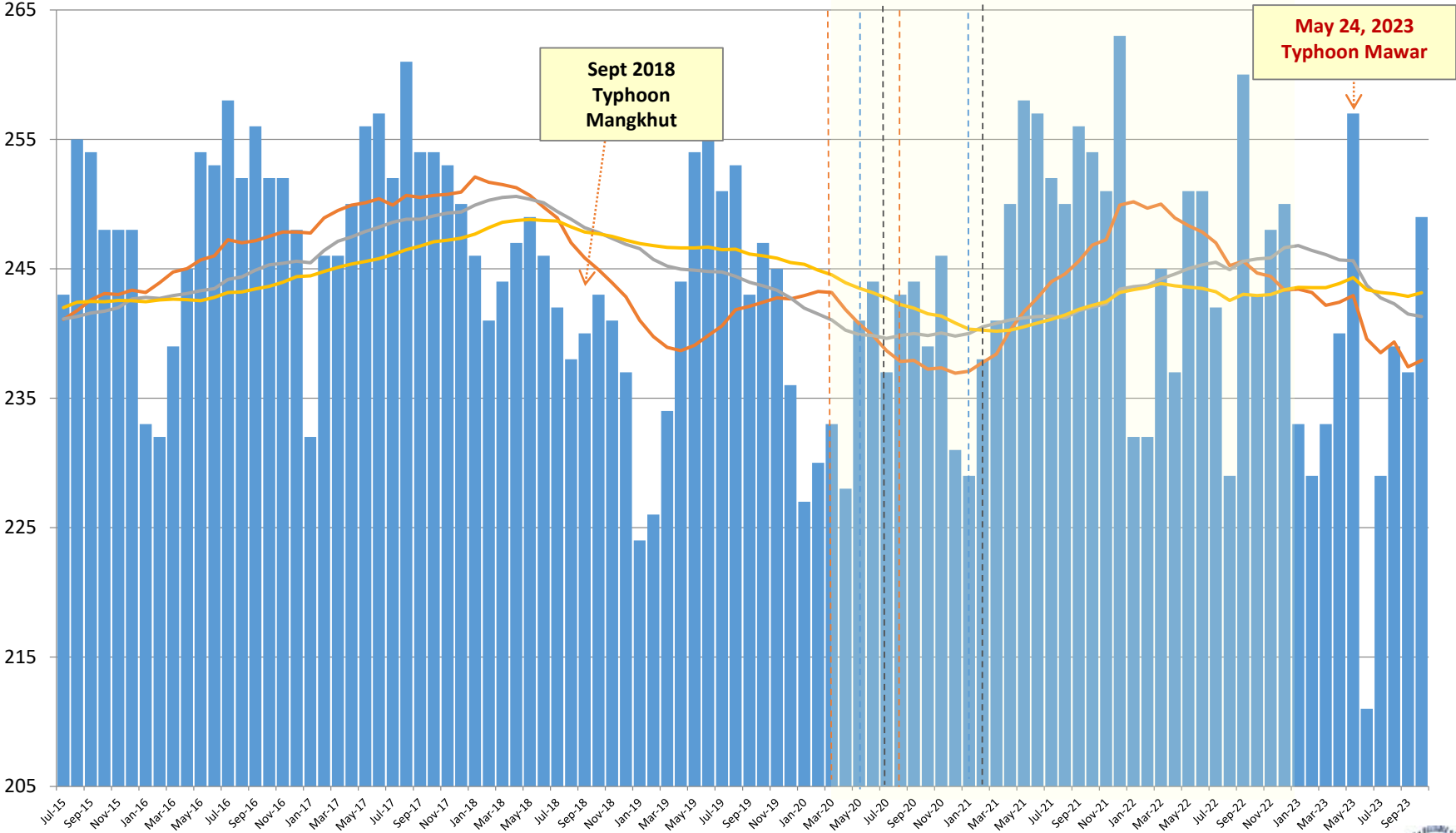
# 8. Generation KPIs Update October 2023



# Historical Monthly Peak Demand July 2015 - October 2023

- Peak Demand
- 12-month Rolling Average
- 2-year Rolling Average
- 3-year Rolling Average

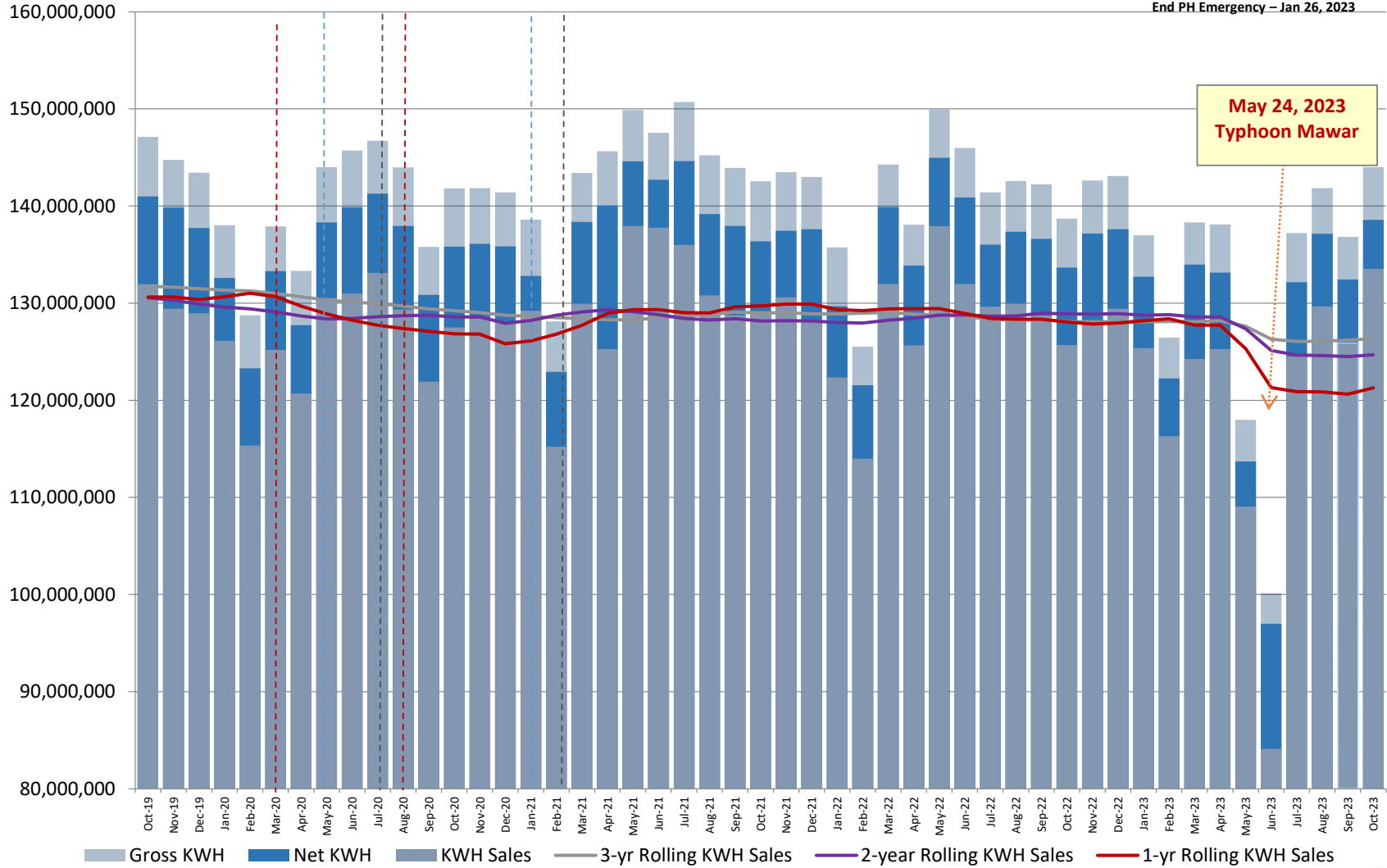
COVID 19 Pandemic  
 PCOR1 - Mar 15, 2020  
 PCOR2 - May 10, 2020  
 PCOR3 - Jul 20, 2020  
 PCOR1 - Aug 16, 2020  
 PCOR 2- Jan 18, 2021  
 PCOR3 - Feb 22, 2021  
 End PH Emergency - Jan 26, 2023



# Historical kWh Sales Oct 2019 - Oct 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
- End PH Emergency – Jan 26, 2023

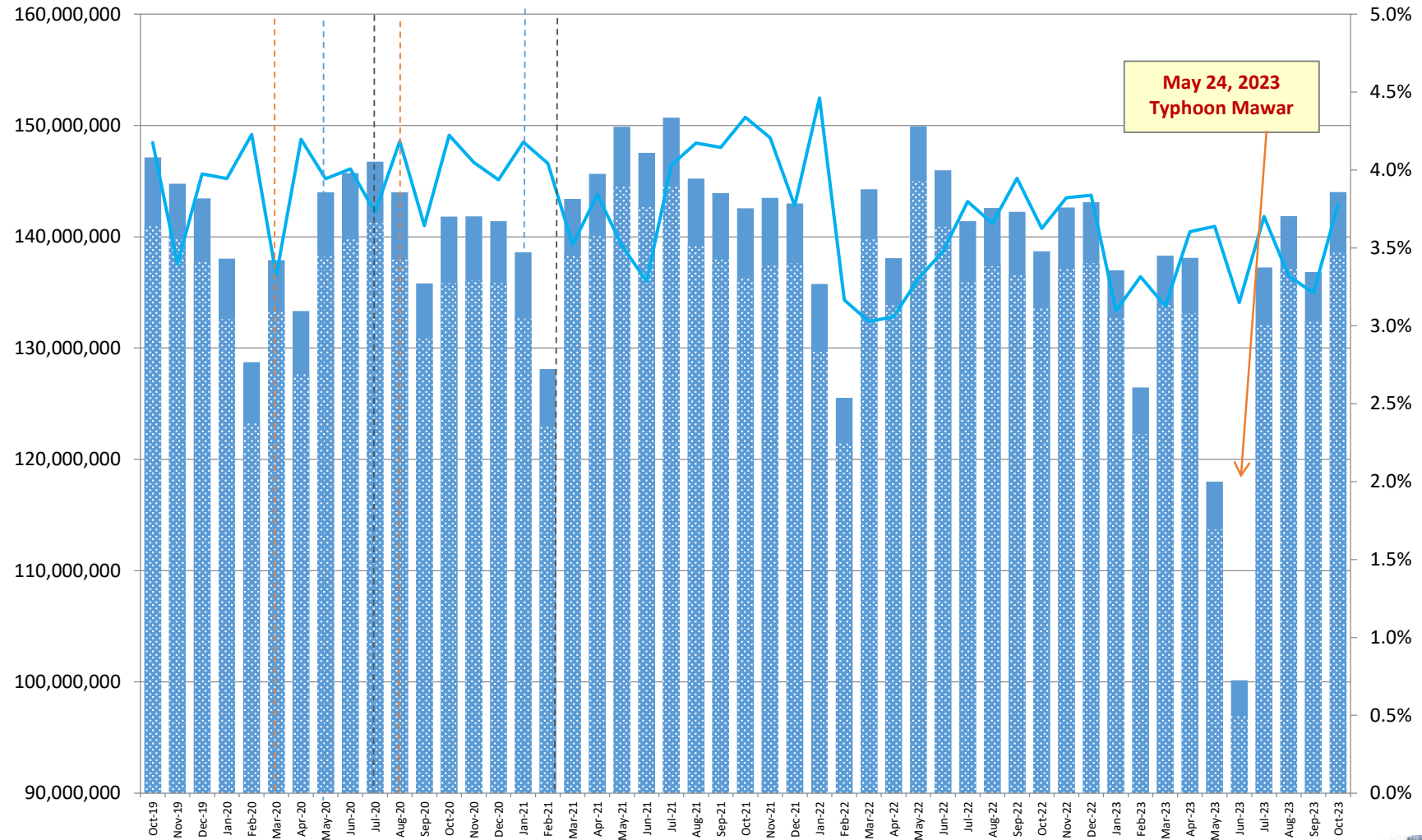


# Gross and Net Generation (kWh) Oct 2019 - Oct 2023

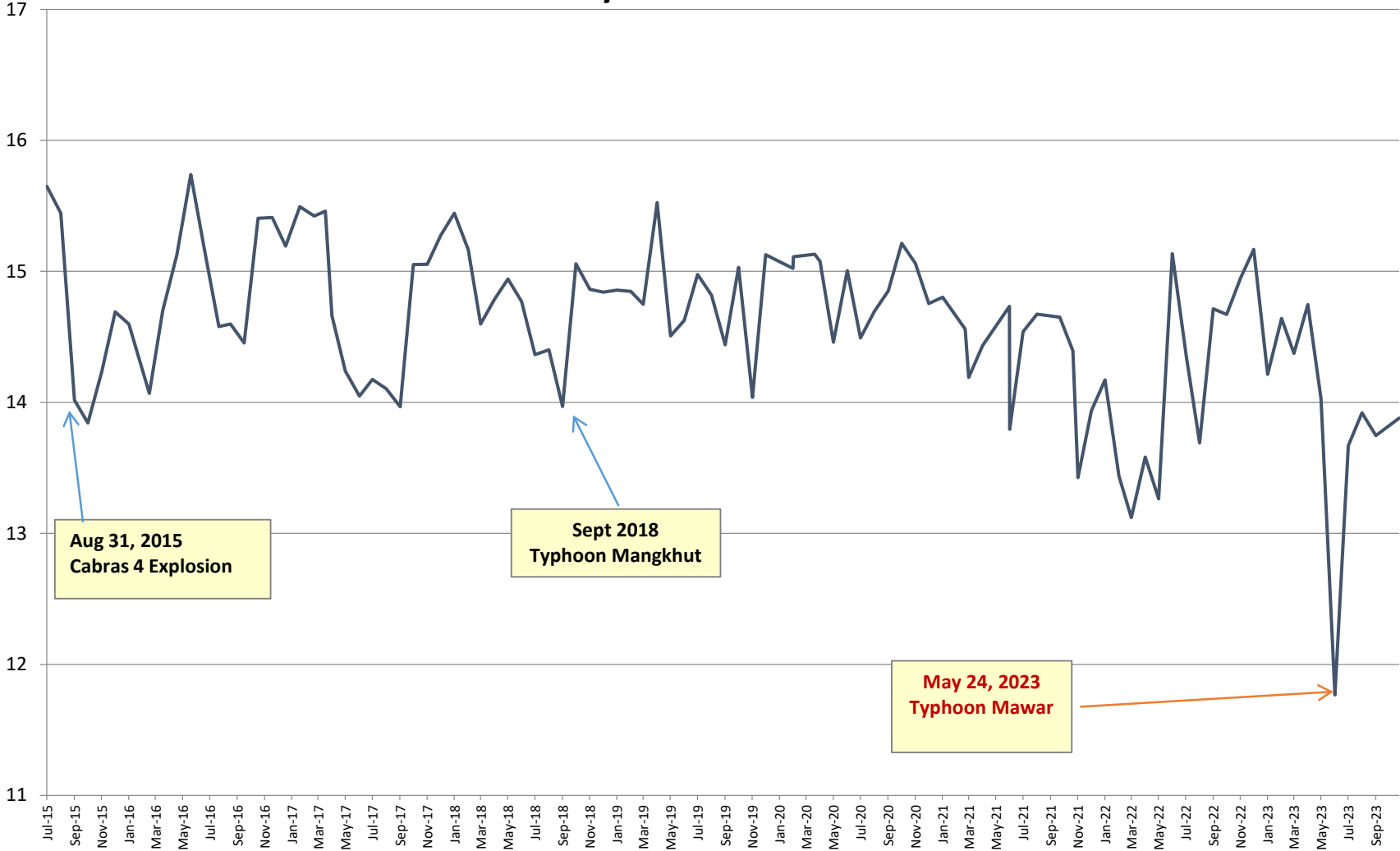
## COVID 19 Pandemic

- 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
- End PH Emergency – Jan 26, 2023

Gross KWH    Net KWH    % Station Use



# SYSTEM GROSS HEAT RATE (kWh/Gal) July 2015 - Oct 2023



# Fuel Cargo and Fuel Consumption Costs (\$/bbl) May 2019 - October 2023

## COVID 19 Pandemic

PCOR1 - Mar 15, 2020

PCOR2 - May 10, 2020

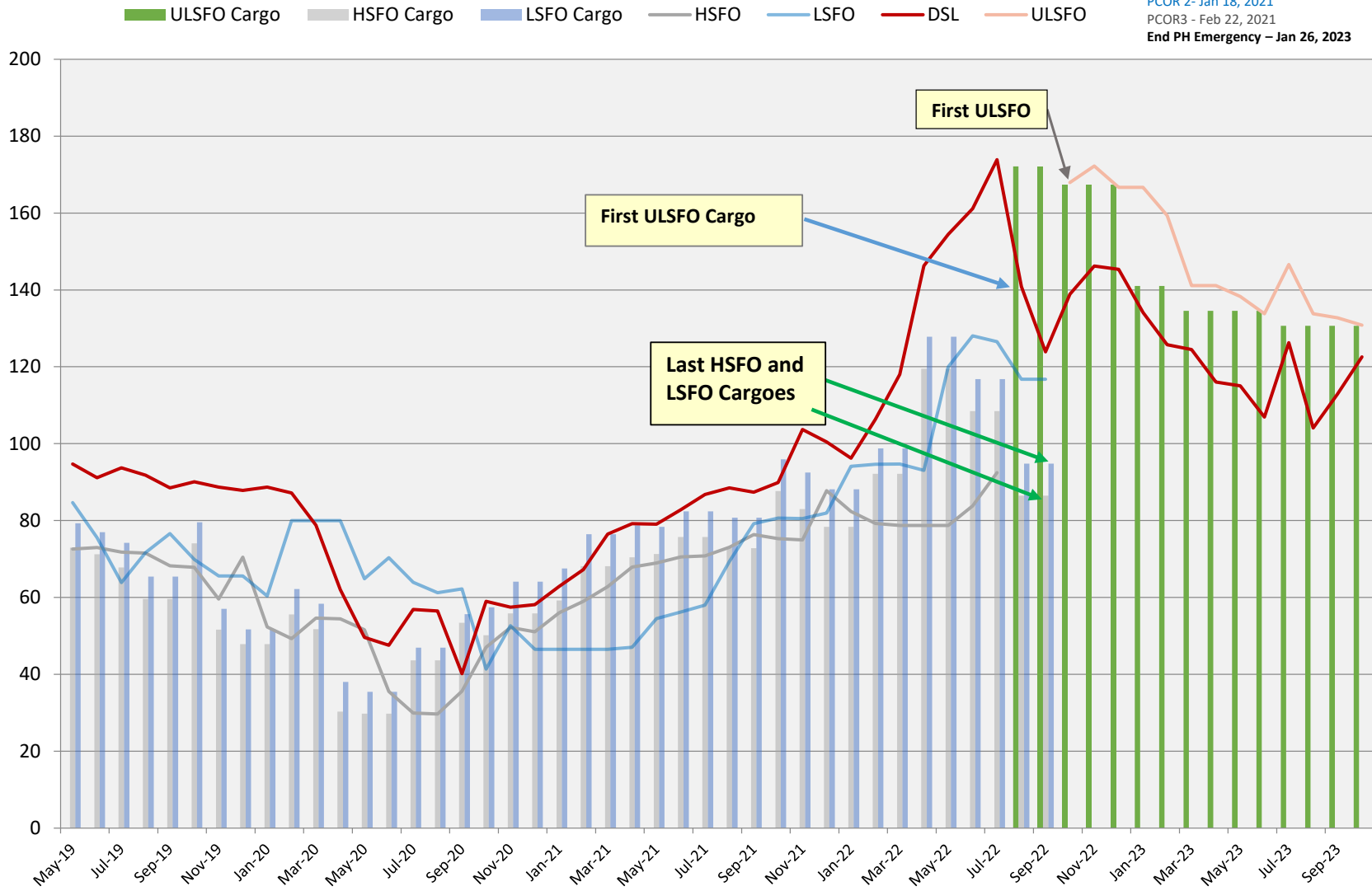
PCOR3 - Jul 20, 2020

PCOR1 - Aug 16, 2020

PCOR 2- Jan 18, 2021

PCOR3 - Feb 22, 2021

End PH Emergency - Jan 26, 2023



# CFO

# FINANCIAL HIGHLIGHTS

# October 2023





# 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	960	985
FY2024	997											

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	\$ 0.2311	\$ 0.2311
FY2024	\$ 0.2311											

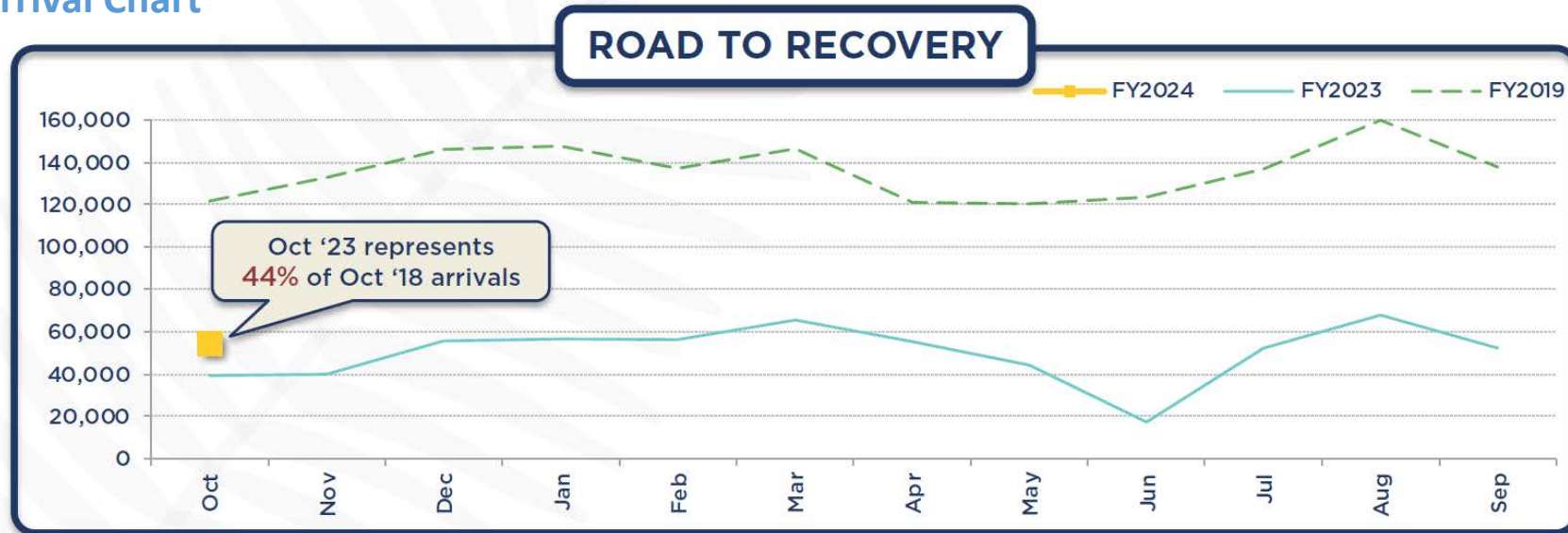


# Hotel kWh & Occupancy Rate

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	8,467	7,739
FY2024	7,962											

Occupancy Rate	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	73.4	73.4	73.4

## Arrival Chart

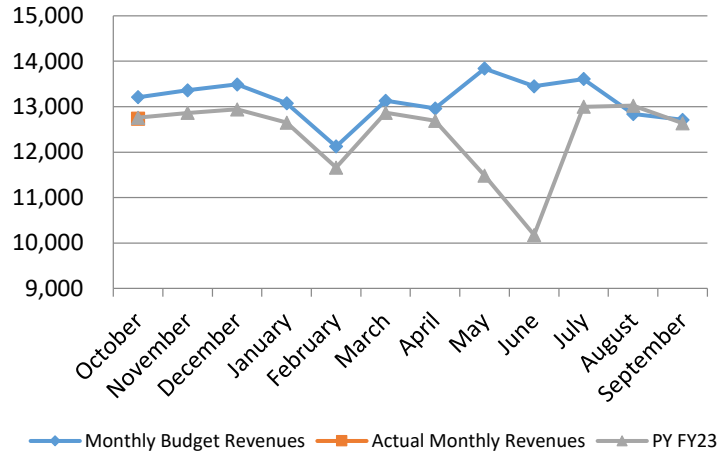


**Note:** Data from 22 hotels in schedule P. 1 hotel closed its doors on Oct. 2021. Occupancy rate and Road to Recovery is from GVB Visitor Arrival Statistic.



# October 2023 Monthly Financial Highlights

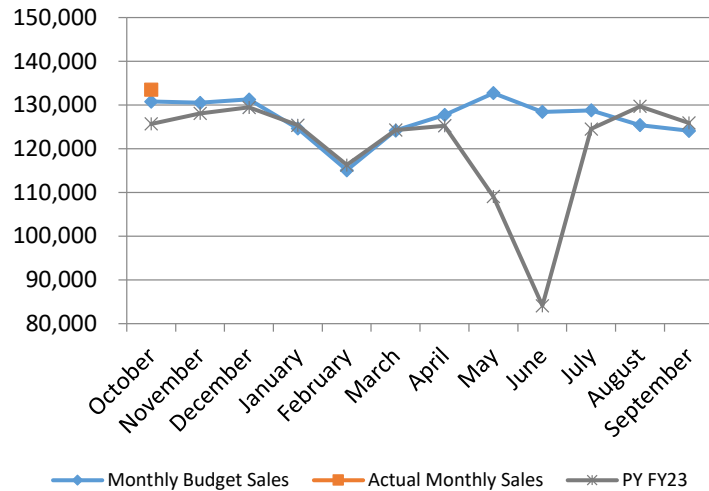
## Base Rate Revenue (in '000)



### Through October 31, 2023

	Monthly Budget Revenues \$000	Actual Monthly Revenues	Variance		PY FY23	CY vs PY Variance
<b>October</b>	13,209	\$ 12,734	\$ (475)	↓	\$ 12,757	\$ (22) ↓
<b>November</b>	13,363				12,861	
<b>December</b>	13,488				12,940	
<b>January</b>	13,078				12,651	
<b>February</b>	12,126				11,660	
<b>March</b>	13,131				12,865	
<b>April</b>	12,961				12,691	
<b>May</b>	13,837				11,484	
<b>June</b>	13,449				10,178	
<b>July</b>	13,608				12,997	
<b>August</b>	12,840				13,023	
<b>September</b>	12,710				12,635	
<b>Total</b>	\$ 157,800	\$ 12,734	\$ (475)		\$ 148,743	\$ (22)

## MWH Sales (in MWh)



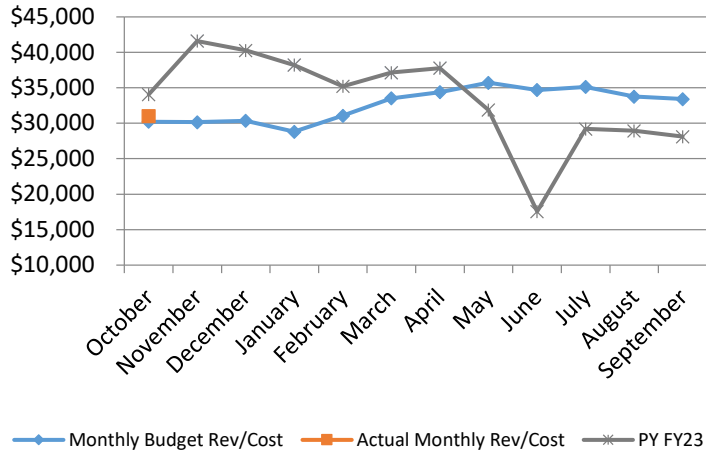
### Through October 31, 2023

	Monthly Budget Sales MWh	Actual Monthly Sales	Variance		PY FY23	CY vs PY Variance
<b>October</b>	130,775	133,530	2,754	↑	125,672	7,858 ↑
<b>November</b>	130,478				128,077	
<b>December</b>	131,278				129,439	
<b>January</b>	124,618				125,368	
<b>February</b>	115,079				116,289	
<b>March</b>	124,155				124,254	
<b>April</b>	127,713				125,257	
<b>May</b>	132,727				109,061	
<b>June</b>	128,415				84,097	
<b>July</b>	128,775				124,518	
<b>August</b>	125,406				129,673	
<b>September</b>	124,080				125,895	
<b>Total</b>	1,523,500	133,530	2,754		1,447,602	7,858



# October 2023 Monthly Financial Highlights (Continued)

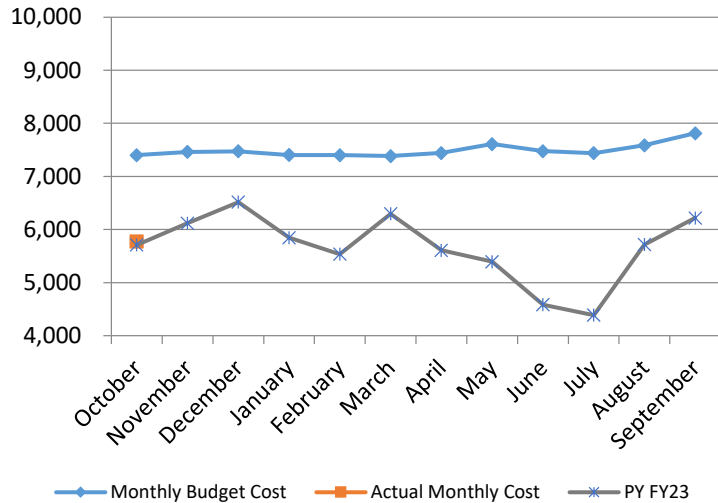
## Fuel Revenues (in '000)



### Through October 31, 2023

	Monthly Budget Rev/Cost \$000	Actual Monthly Rev/Cost	Variance		PY FY23	CY vs PY Variance
October	\$ 30,228	\$ 30,992	764	↑	\$ 34,062	(3,070) ↓
November	30,159				41,593	
December	30,344				40,281	
January	28,805				38,205	
February	31,071				35,217	
March	33,522				37,143	
April	34,390				37,773	
May	35,710				31,867	
June	34,703				17,560	
July	35,135				29,194	
August	33,760				28,940	
September	33,402				28,103	
<b>Total</b>	<b>\$ 391,228</b>	<b>\$ 30,992</b>	<b>\$ 764</b>		<b>\$ 399,938</b>	<b>\$ (3,070)</b>

## O&M Costs (in '000)



### Through October 31, 2023

	Monthly Budget Cost \$000	Actual Monthly Cost	Variance		PY FY23	CY vs PY Variance
October	7,400	5,774	1,626	↑	5,712	(62) ↓
November	7,462				6,120	
December	7,473				6,518	
January	7,405				5,846	
February	7,401				5,537	
March	7,384				6,298	
April	7,443				5,610	
May	7,611				5,395	
June	7,477				4,585	
July	7,438				4,390	
August	7,588				5,718	
September	7,812				6,218	
<b>Total</b>	<b>\$ 89,893</b>	<b>\$ 5,774</b>	<b>\$ 1,626</b>		<b>\$ 67,946</b>	<b>\$ (62)</b>



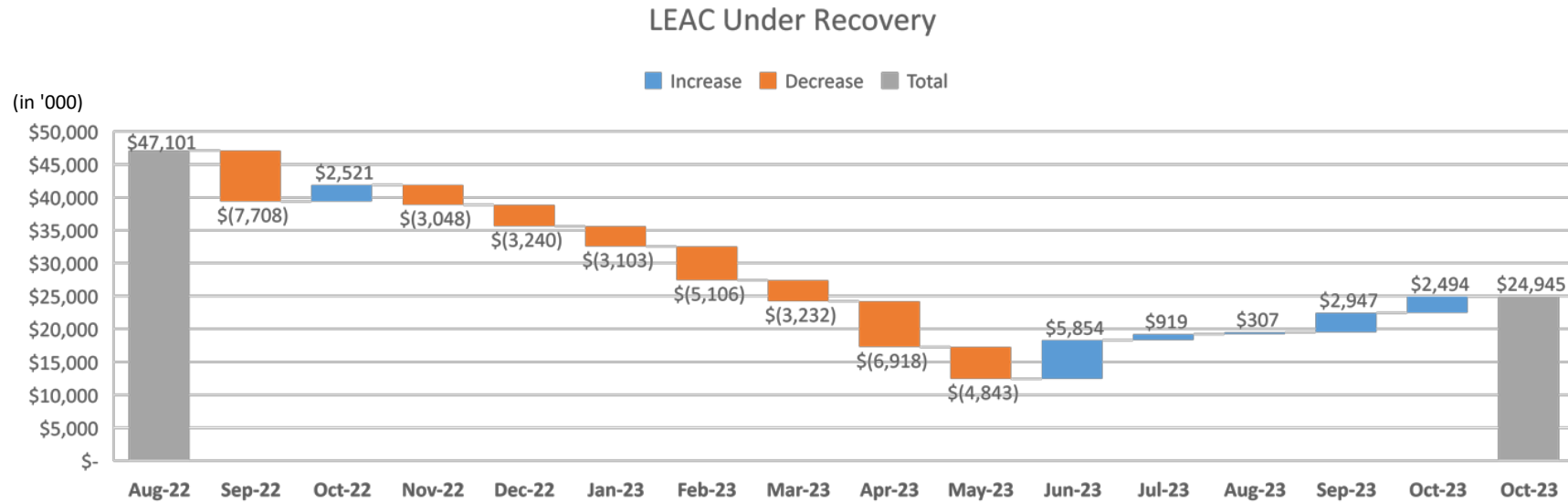
# October 2023 Monthly Financial Highlights (Continued)

Through September 30, 2023													
	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022	3Q2022	4Q2022	1Q2023	2Q2023	3Q2023	4Q2023	1Q2023
Residential	44,503	44,575	45,247	45,229	45,224	45,283	45,261	45,315	45,370	45,417	45,453	44,968	45,611
Commercial	5,301	5,307	5,330	5,336	5,349	5,367	5,368	5,373	5,425	5,473	5,436	5,421	5,422
Government	1,063	1,060	1,049	1,056	1,069	1,077	1,079	1,087	1,088	1,108	1,112	1,106	1,108
Streetlights	1,133	1,132	1,132	1,131	1,160	1,158	1,156	1,163	1,167	1,167	1,165	1,159	1,151
Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Total</b>	<b>52,001</b>	<b>52,075</b>	<b>52,759</b>	<b>52,753</b>	<b>52,803</b>	<b>52,886</b>	<b>52,865</b>	<b>52,939</b>	<b>53,051</b>	<b>53,166</b>	<b>53,167</b>	<b>52,655</b>	<b>53,293</b>

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021	2022	2023	2024
Senior lien coverage	2.53	1.78	1.42	1.54	1.71	1.71	2.13
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	1.65	1.46	1.23	1.49	1.71	1.71	2.13



# October 2023 Monthly Financial Highlights (Continued)



	LEAC		(Over)/Under	Under Recovery
	\$000	Revenue	Fuel Cost	Recover
				Balance
October	\$ 30,992	\$ 33,486	\$ 2,494	\$ 24,945
November				
December				
January				
February				
March				
April				
May				
June				
July				
August				
September				
<b>Total</b>	<b>\$ 30,992</b>	<b>\$ 33,486</b>	<b>\$ 2,494</b>	



# October 2023 Credit Summary

Credit Summary		
Long-Term Senior Debt	Rating	Long-Term Outlook
Standard & Poor's	BBB	Stable
Moody's Rating	Baa2	Stable
Fitch Rating	BBB	Stable



# Generation Capacity Shortfall November 28, 2023

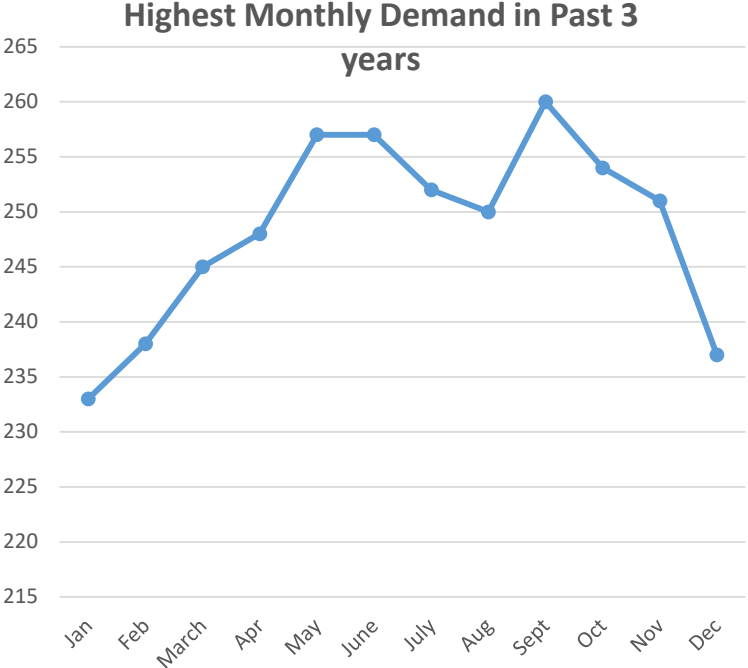
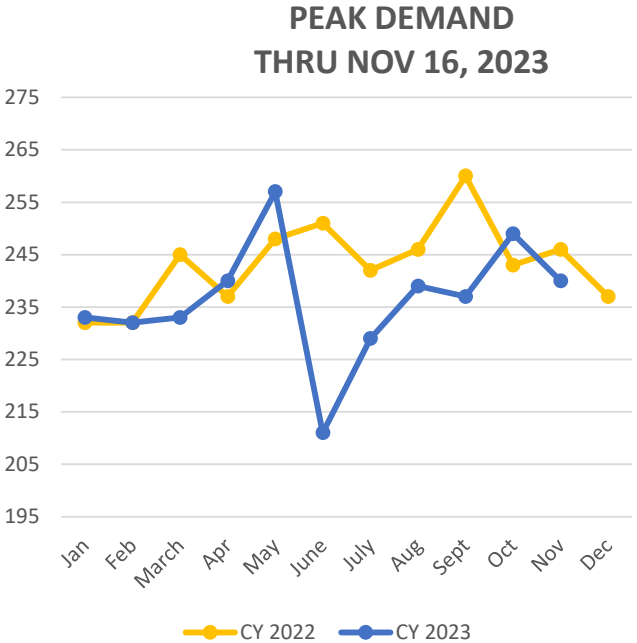
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JOHN M. BENAVENTE, P.E.  
General Manager  
GUAM POWER AUTHORITY

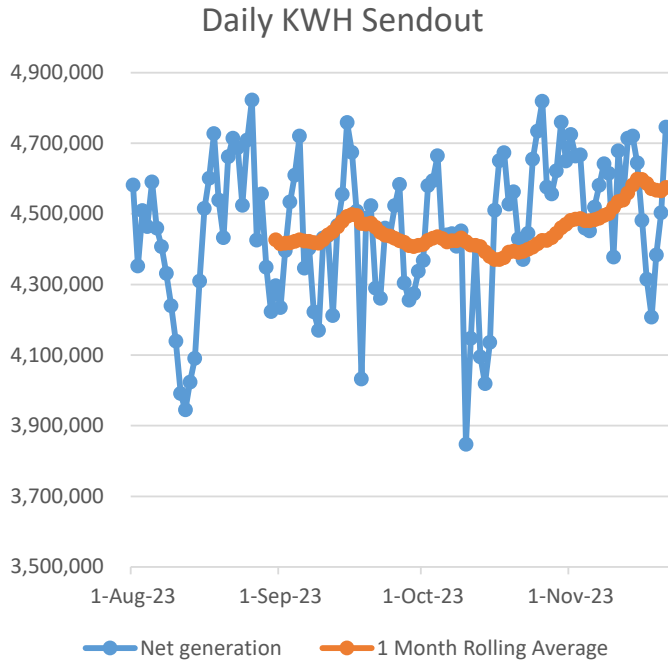
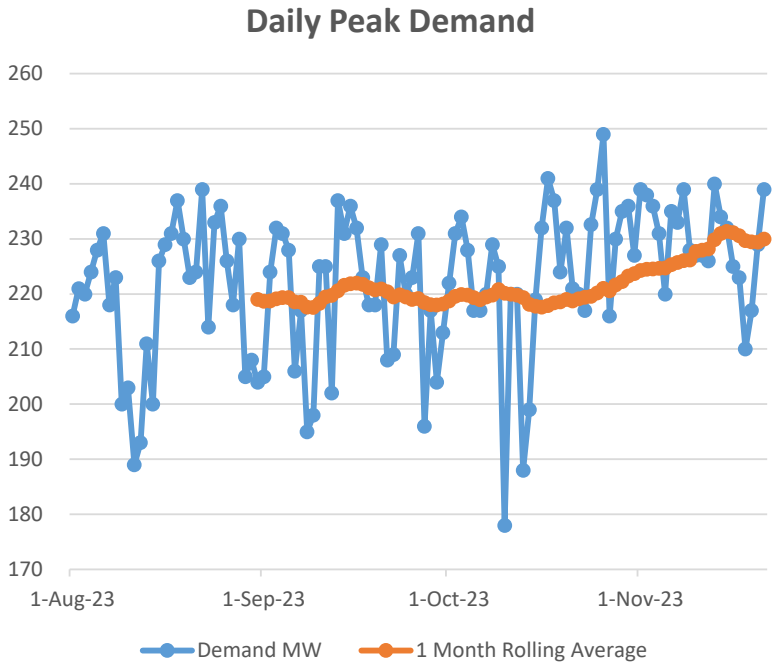




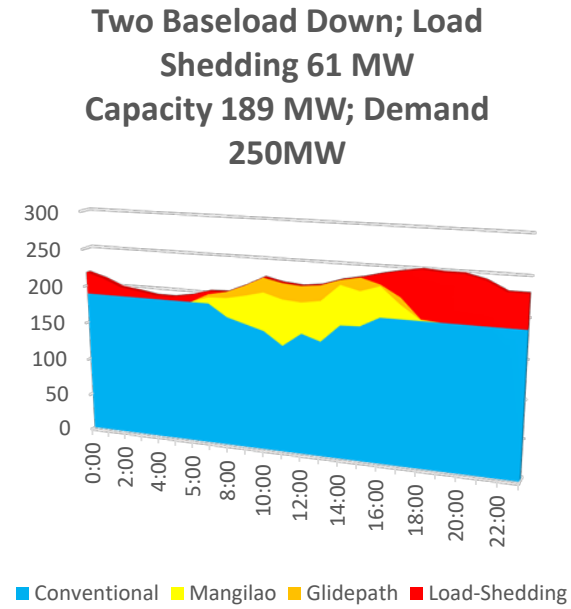
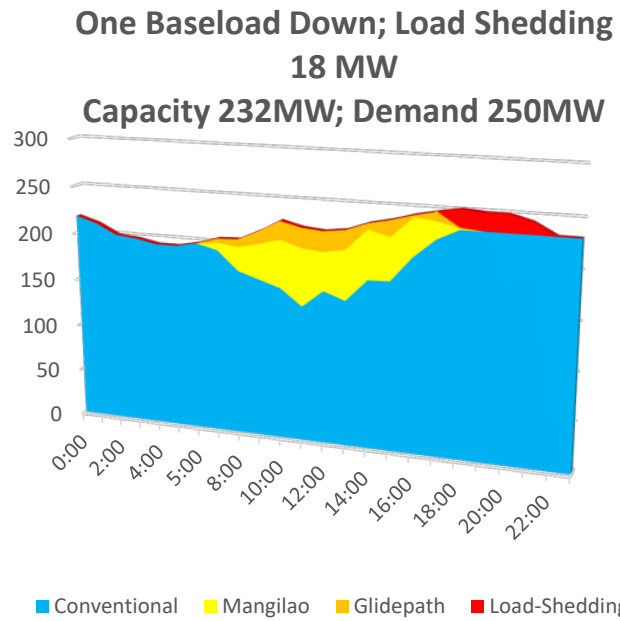
# PROJECTED DEMAND TO TREND DOWN OVER NEXT THREE MONTHS



# Daily Peak Demand and Net KWH Send Out High demand Period of Year Coincide with Capacity Shortfall



## Impact of Generation Capacity Shortfall: Down Baseload Scenarios



## Load Shedding Summary for Sept 1, 2023 thru Nov 27, 2023

Month	Feeders Impacted	Feeder Outages	Hours Outaged	Avg. MW/Feeder	Avg. Hrs/Feeder	Unserved Kwh	% Energy Unserved	Days LS
Sep-23	49	370	290	2,860	5.9	792,367	<b>0.59%</b>	20
Oct-23	48	162	115	2,919	2.4	328,075	<b>0.25%</b>	11
Nov-23	49	349	301	2,860	6.1	867,119	<b>0.70%</b>	8
<b>Sept 2023 thru Nov 27</b>			706		14.4	1,987,561	<b>0.51%</b>	39

Month	September-23	October-23	November-23	December-22	January-22	February-22	March-22	April-22	May-22
Net KWH Send-out	133,231,195	132,766,903	136,680,507	137,615,616	129,439,271	121,547,053	139,902,831	133,905,681	143,520,734
Avg MW Demand	219	224	233	225	218	221	232	226	240
Highest MW Demand	237	249	245	237	232	232	245	237	248



## Generation Capacity Projection for December 2023

		December 2023 Target
		All Base Load Repaired
Cabras 1		43
Cabras 2		35
Piti 8		43
Piti 9		43
Piti 7		31
Dededo 1		19
Dededo 2		19
Macheche		16
<b>Yigo CT</b>		<b>Down Hard</b>
<b>Yigo Diesels</b>		<b>9</b>
Caterpillar Units		12
Wartsila Units		3
<b>Total:</b>		<b>273</b>
Interruptible Load		16
<b>Total:</b>		<b>289</b>
<b>Anticipated Peak Demand</b>		<b>235</b>
Reserve (Shortfall)		54



## Plan of Action for Recovery of Existing Capacity and Adding New Capacity

---

- **Cabras Unit 2 boiler tube repair work completed Nov 20, 2023.** Unit being loaded towards capacity of 35 - 45 MW.
- **Piti 7 repair of plenum to increase capacity from 22 MW to 31 MW** (2 -day outage) expected to be completed by December 3, 2023
- **Return to service Caterpillar units requiring significant repairs** or rehabilitation and increase plant capacity by 10 MW (Target: February 2024).
- **Replace Manenggon Wartsila units control system** and increase plant capacity by 5 MW (Target: February 2024).
- **Repair of Typhoon Damaged Yigo 20 MW CT** (Target: February 2024).
- **Procure 40 MW of Temporary Power** (Target: May 2024) If no Protest. Senator Perez introduced Bill 36-37
- **Award Performance Management Contract for Yigo 40 MW Diesels** to increase capacity by 25 MW (Target: ASAP if Legal Constraints are lifted). Senator Parkinson Introduce Bill 201-37
- **Utilize existing Energy Storage Batteries (ESS) to shift 40MWH energy** to peak time - Feasibility under review
- **Continue to expand Interruptible Load Capacity** (Currently approx. 16 MW)



Plant personnel assessing for safe entry into boiler to make necessary repairs to 48-year-old Cabras Unit 2 baseload plant.



# Plan of Action for Energy Conservation

- Media campaign “BEAT THE PEAK” has been launched asking customers to help reduce load shedding while lowering their energy bill:
  - Shut off water heaters during peak times; lower their water heater temperature setting
  - Shut off one or more air conditioners during emergency load shedding periods
  - Encouraging government employees, schools and businesses to place their air conditioning thermostats at 75 degrees or higher after work; shut down air conditioners if possible
- Issue a Load Shedding Schedule for a month (Updated issued in November):
  - Explain when one or several 1-hour outages could occur
  - Issue capacity alert scenario as early as possible which triggers extend of outage







CCU Regular Board Meeting, November 28, 2023 - GPA

GUAM POWER AUTHORITY  
 GOVERNMENT ACCOUNTS RECEIVABLE  
 Billing up to OCTOBER 31, 2023 and payments as of 11/13/2023

Current (10/31/2023 Billing due 11/30/2023)  
 31 days Arrears (09/30/2023 due 10/30/2023)  
 61 days and over Arrears (08/31/23 billing due 09/30/2023)

CC&B New Acct Numer	DEPARTMENT	BALANCE 09/30/2023	CANCEL/REBILL/ OTHER CHARGES 11/13/2023	BILLING 10/31/2023	PAYMENT UP TO 11/13/2023	BALANCE 10/31/2023	CC&B BALANCE 11/13/2023
5434075703	AUTONOMOUS/University of Guam	211,635.96	50.00	210,875.94	(211,635.96)	210,875.94	210,925.94
1699407298	AUTONOMOUS/G H U R A	32,846.75	-	33,850.97	(32,846.75)	33,850.97	33,850.97
4474308144	AUTONOMOUS/Port Authority of Guam	233,232.46	-	111,159.02	(124,850.90)	219,540.58	219,540.58
Sub-total		5,091,347.55	(135,745.65)	3,330,008.46	(2,992,581.81)	5,983,648.27	5,293,028.55
Others							
3209463043	OTHERS Dept. of Military Affairs (NET METERED)	95,365.48	-	52,612.44	-	147,977.92	147,977.92
4530787043	OTHERS U.S. Post Office	52,130.84	-	54,329.68	(52,130.84)	54,329.68	54,329.68
6000770566	OTHERS KGTF	4,043.85	-	3,628.03	-	7,671.88	7,671.88
6602566745	OTHERS Tamuning Post Office	6,458.98	-	6,467.68	(6,458.98)	6,467.68	6,467.68
7541928173	OTHERS Guam Legislature	287.02	-	328.32	(287.02)	328.32	328.32
8108458168	OTHERS Guam Post Office (Agana)	7,199.26	-	7,413.40	(7,199.26)	7,413.40	7,413.40
8353274954	OTHERS Superior Court of Guam	62,122.99	-	68,794.51	(62,122.99)	68,794.51	68,794.51
8607446612	OTHERS Dept. of Military Affairs	213,732.95	-	67,344.11	-	281,077.06	281,077.06
8972267005	OTHERS Customs & Quarantine Agency	6,930.73	-	1,627.33	(6,271.12)	2,286.94	2,286.94
9503154359	OTHERS Guam Legislature (NET METERED)	10,923.37	-	11,871.24	(10,923.37)	11,871.24	11,871.24
Sub-total		459,194.47	-	274,416.74	(145,392.58)	588,218.63	588,218.63
Grand Total		11,541,529.97	(130,471.44)	5,785,967.62	(5,177,007.67)	12,715,567.21	12,020,018.48

AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
210,925.94	-	-	-	-	210,925.94
33,850.97	-	-	-	-	33,850.97
111,159.02	108,310.43	71.13	-	-	219,540.58
3,193,996.41	704,099.76	267,813.19	259,783.25	867,335.94	5,293,028.55
52,612.44	43,977.42	51,388.06	-	-	147,977.92
54,329.68	-	-	-	-	54,329.68
3,628.03	4,043.85	-	-	-	7,671.88
6,467.68	-	-	-	-	6,467.68
328.32	-	-	-	-	328.32
7,413.40	-	-	-	-	7,413.40
68,794.51	-	-	-	-	68,794.51
67,344.11	68,956.65	73,321.07	71,455.23	-	281,077.06
1,627.33	659.61	-	-	-	2,286.94
11,871.24	-	-	-	-	11,871.24
274,416.74	117,637.53	124,709.13	71,455.23	-	588,218.63
5,648,968.62	2,897,183.25	1,101,484.37	912,488.63	1,459,893.61	12,020,018.48

# CFO

# FINANCIAL HIGHLIGHTS

# October 2023



# 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	960	985
FY2024	997											

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	\$ 0.2311	\$ 0.2311
FY2024	\$ 0.2311											

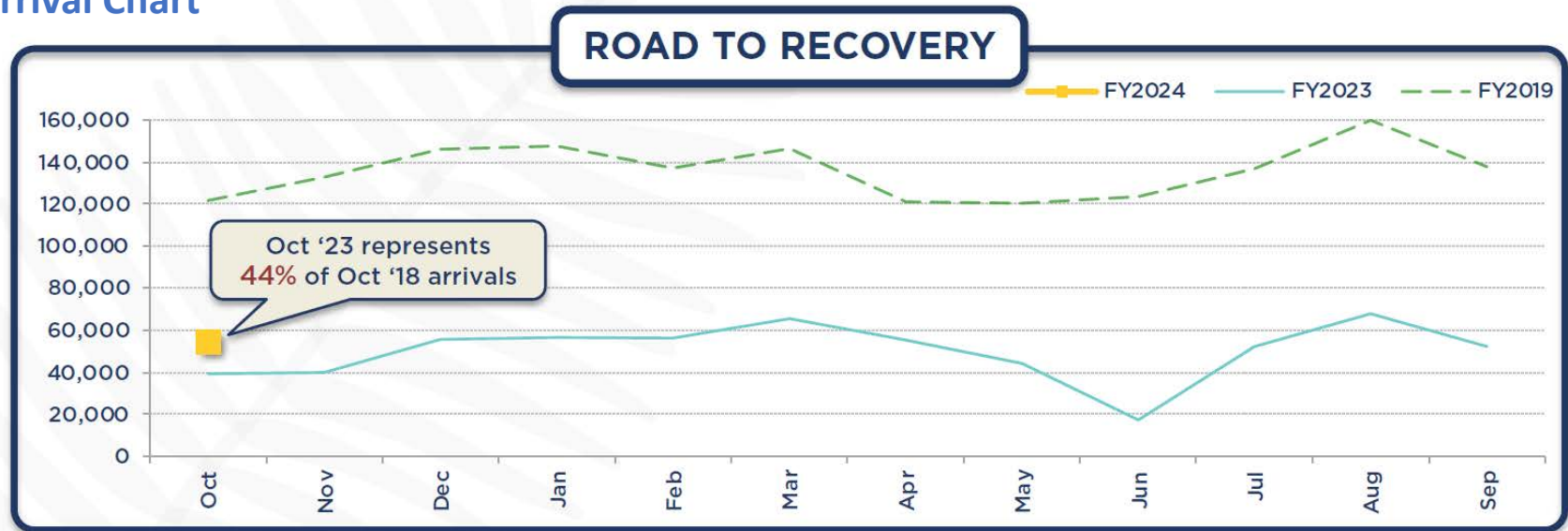


# Hotel kWh & Occupancy Rate

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	8,467	7,739
FY2024	7,962											

Occupancy Rate	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	73.4	73.4	73.4

## Arrival Chart

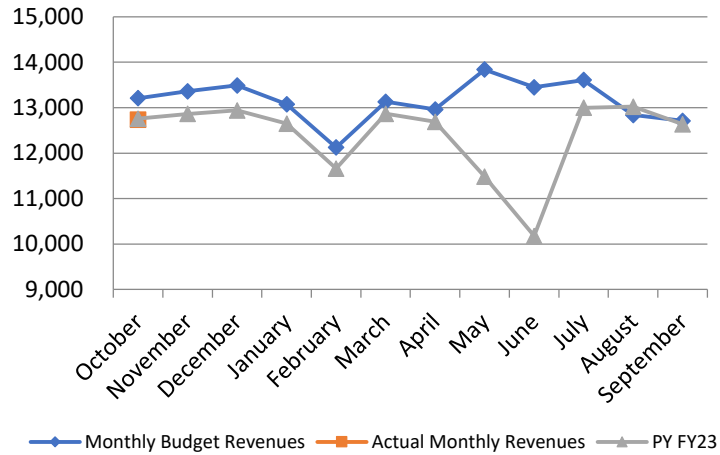


**Note:** Data from 22 hotels in schedule P. 1 hotel closed its doors on Oct. 2021. Occupancy rate and Road to Recovery is from GVB Visitor Arrival Statistic.



# October 2023 Monthly Financial Highlights

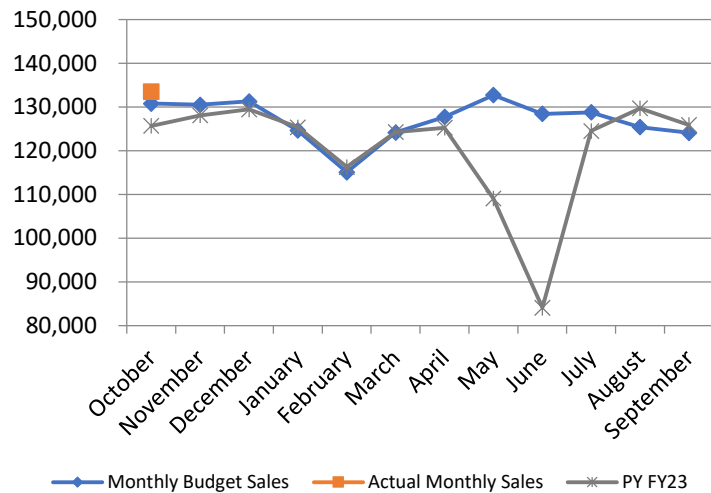
## Base Rate Revenue (in '000)



### Through October 31, 2023

	Monthly Budget Revenues \$000	Actual Monthly Revenues	Variance		PY FY23	CY vs PY Variance
<b>October</b>	13,209	\$ 12,734	\$ (475)	↓	\$ 12,757	\$ (22) ↓
<b>November</b>	13,363				12,861	
<b>December</b>	13,488				12,940	
<b>January</b>	13,078				12,651	
<b>February</b>	12,126				11,660	
<b>March</b>	13,131				12,865	
<b>April</b>	12,961				12,691	
<b>May</b>	13,837				11,484	
<b>June</b>	13,449				10,178	
<b>July</b>	13,608				12,997	
<b>August</b>	12,840				13,023	
<b>September</b>	12,710				12,635	
<b>Total</b>	\$ 157,800	\$ 12,734	\$ (475)		\$ 148,743	\$ (22)

## MWH Sales (in MWh)



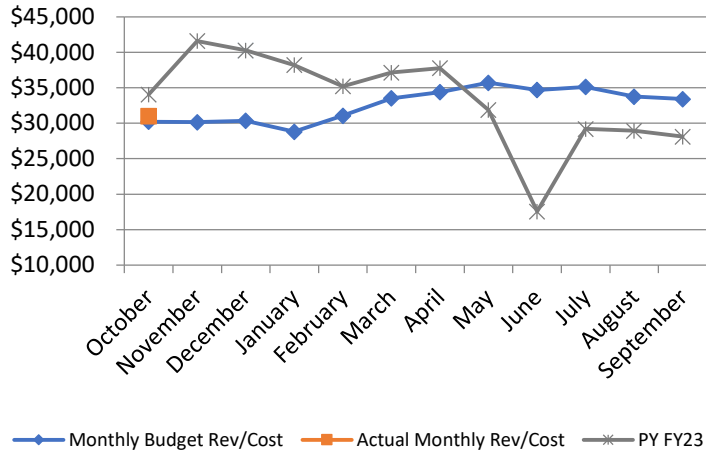
### Through October 31, 2023

	Monthly Budget Sales MWh	Actual Monthly Sales	Variance		PY FY23	CY vs PY Variance
<b>October</b>	130,775	133,530	2,754	↑	125,672	7,858 ↑
<b>November</b>	130,478				128,077	
<b>December</b>	131,278				129,439	
<b>January</b>	124,618				125,368	
<b>February</b>	115,079				116,289	
<b>March</b>	124,155				124,254	
<b>April</b>	127,713				125,257	
<b>May</b>	132,727				109,061	
<b>June</b>	128,415				84,097	
<b>July</b>	128,775				124,518	
<b>August</b>	125,406				129,673	
<b>September</b>	124,080				125,895	
<b>Total</b>	1,523,500	133,530	2,754		1,447,602	7,858



# October 2023 Monthly Financial Highlights (Continued)

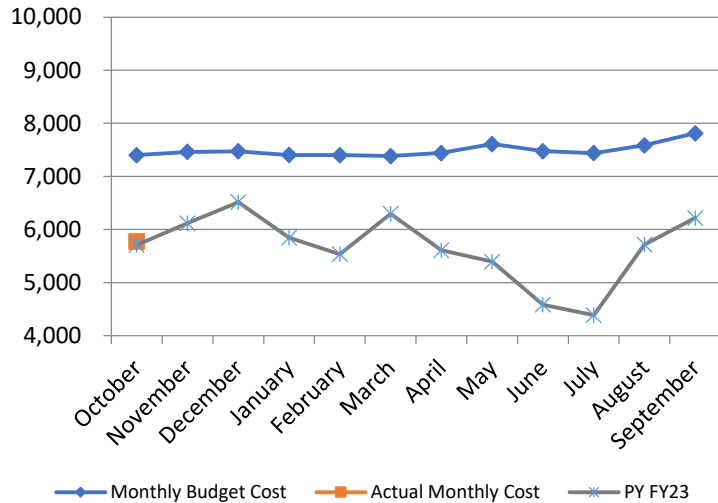
## Fuel Revenues (in '000)



### Through October 31, 2023

	Monthly Budget \$000	Actual Monthly Rev/Cost	Variance		PY FY23	CY vs PY Variance
October	\$ 30,228	\$ 30,992	764	↑	\$ 34,062	(3,070) ↓
November	30,159				41,593	
December	30,344				40,281	
January	28,805				38,205	
February	31,071				35,217	
March	33,522				37,143	
April	34,390				37,773	
May	35,710				31,867	
June	34,703				17,560	
July	35,135				29,194	
August	33,760				28,940	
September	33,402				28,103	
<b>Total</b>	<b>\$ 391,228</b>	<b>\$ 30,992</b>	<b>\$ 764</b>		<b>\$ 399,938</b>	<b>\$ (3,070)</b>

## O&M Costs (in '000)



### Through October 31, 2023

	Monthly Budget \$000	Actual Monthly Cost	Variance		PY FY23	CY vs PY Variance
October	7,400	5,774	1,626	↑	5,712	(62) ↓
November	7,462				6,120	
December	7,473				6,518	
January	7,405				5,846	
February	7,401				5,537	
March	7,384				6,298	
April	7,443				5,610	
May	7,611				5,395	
June	7,477				4,585	
July	7,438				4,390	
August	7,588				5,718	
September	7,812				6,218	
<b>Total</b>	<b>\$ 89,893</b>	<b>\$ 5,774</b>	<b>\$ 1,626</b>		<b>\$ 67,946</b>	<b>\$ (62)</b>



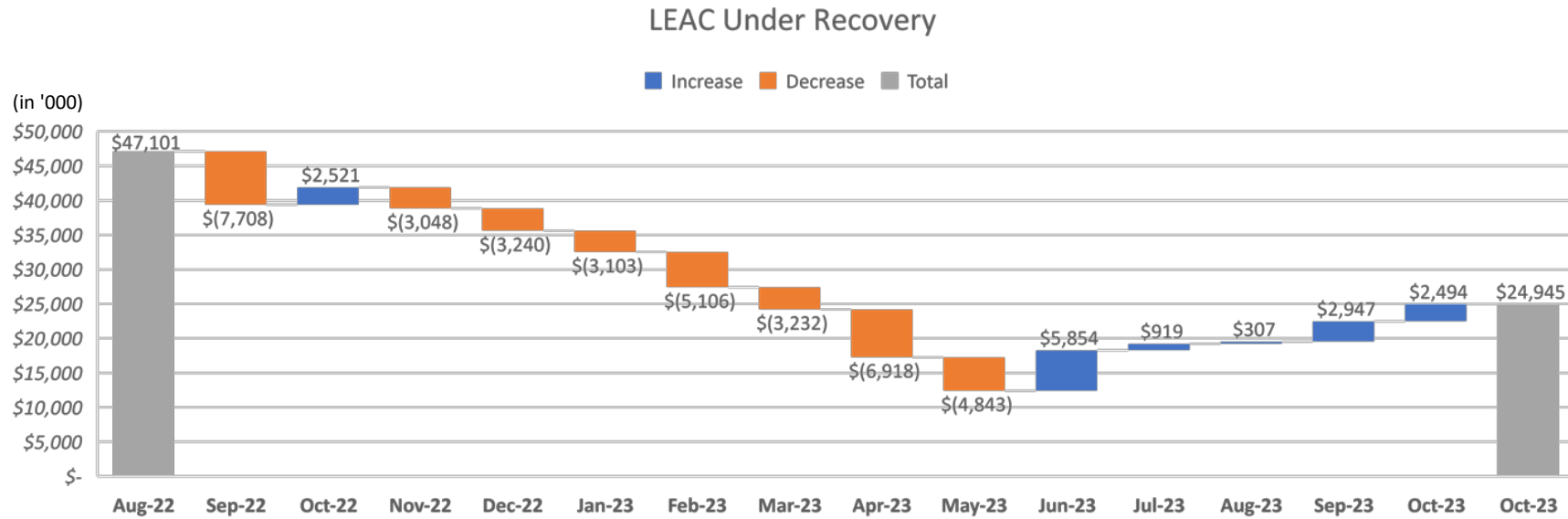
# October 2023 Monthly Financial Highlights (Continued)

Through September 30, 2023													
	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022	3Q2022	4Q2022	1Q2023	2Q2023	3Q2023	4Q2023	1Q2023
Residential	44,503	44,575	45,247	45,229	45,224	45,283	45,261	45,315	45,370	45,417	45,453	44,968	45,611
Commercial	5,301	5,307	5,330	5,336	5,349	5,367	5,368	5,373	5,425	5,473	5,436	5,421	5,422
Government	1,063	1,060	1,049	1,056	1,069	1,077	1,079	1,087	1,088	1,108	1,112	1,106	1,108
Streetlights	1,133	1,132	1,132	1,131	1,160	1,158	1,156	1,163	1,167	1,167	1,165	1,159	1,151
Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Total</b>	<b>52,001</b>	<b>52,075</b>	<b>52,759</b>	<b>52,753</b>	<b>52,803</b>	<b>52,886</b>	<b>52,865</b>	<b>52,939</b>	<b>53,051</b>	<b>53,166</b>	<b>53,167</b>	<b>52,655</b>	<b>53,293</b>

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021	2022	2023	2024
Senior lien coverage	2.53	1.78	1.42	1.54	1.71	1.71	2.13
<b>Debt service coverage (DSC) calculation-IPP as O&amp;M</b>							
Senior lien coverage	1.65	1.46	1.23	1.49	1.71	1.71	2.13



# October 2023 Monthly Financial Highlights (Continued)



	LEAC		(Over)/Under	Under Recovery
	\$000	Revenue	Fuel Cost	Recover
				Balance
October	\$ 30,992	\$ 33,486	\$ 2,494	\$ 24,945
November				
December				
January				
February				
March				
April				
May				
June				
July				
August				
September				
<b>Total</b>	<b>\$ 30,992</b>	<b>\$ 33,486</b>	<b>\$ 2,494</b>	





# October 2023 Credit Summary

Credit Summary		
Long-Term Senior Debt	Rating	Long-Term Outlook
Standard & Poor's	BBB	Stable
Moody's Rating	Baa2	Stable
Fitch Rating	BBB	Stable





# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN  
P.O. BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

## GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW October 2023

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

### Summary

The increase in net assets for the month ended was \$2.0 million as compared to the anticipated net increase of \$67 thousand projected at the beginning of the year. The total kWh sales for the month were 2.11% less than projected and non-fuel revenues were \$0.5 million less than the estimated amounts. O&M expenses for the month were \$5.8 million which was \$1.6 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 \$2.7 million, which was \$0.1 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	1.65	2.27	2
Days in Receivables	33	39	52
Days in Payables	32	26	30
<b>LEAC (Over)/Under Recovery Balance - YTD</b>	\$22,450,958	\$24,945,032	\$8,556,285
T&D Losses	5.95%	5.72%	<7.00%
Debt Service Coverage	1.71	2.13	1.75
Long-term equity ratio	9.88%	10.29%	30 – 40%
Days in Cash	87	89	60

The Quick Ratio, which has been a challenge for GPA historically, has shown a positive trend over the last 12 months. GPA has current obligations of approximately \$73 million and approximately \$166 million in cash and current receivables. The LEAC under-recovery for the month was \$2.5 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

**Financial Statements  
October 2023**

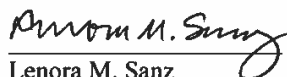
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**Significant Assumptions**


The significant assumptions in the financial statements are as follows:

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

Prepared by:

  
Lenora M. Sanz  
Controller

Reviewed by:

  
John J.E. Kim  
Chief Financial Officer

Approved by:

  
John M. Benavente, P.E.  
General Manager



## GUAM POWER AUTHORITY

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

### Issues for Decision

**Resolution No. FY2024-05:**

**AUTHORIZING MANAGEMENT TO PETITION THE PUBLIC UTILITIES COMMISSION FOR APPROVAL TO INCREASE THE CONTRACT EXPENDITURES FOR THE SUPPLY OF DIESEL FUEL OIL NO.2 TO THE GPA WATER SYSTEM DIESEL (WSD) GENERATORS**

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

To provide Ultra-low sulfur diesel (ULSD) to GPA WSD generators located at Guam Waterworks Authority sites. The initial approved costs estimated for this contract did not include the extended generator operations and fuel consumption during Typhoon Mawar.

**Where is the location?**

Various GWA sites including water wells, treatment plants, pump stations and lift stations.

**How much will it cost?**

The additional estimated costs for contract years 2 through 5 over the approved \$1,150,200 is \$2,146,077 for a total contract cost of \$3,296,277.

**When will it be completed?**

The 5 year contract term will expire September 30, 2027.

**What is its funding source?**

LEAC



**CONSOLIDATED COMMISSION ON UTILITIES**

Guam Power Authority | Guam Waterworks Authority

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

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**RESOLUTION NO. FY2024-05**

**AUTHORIZING MANAGEMENT TO PETITION THE PUBLIC UTILITIES  
COMMISSION FOR APPROVAL TO INCREASE THE CONTRACT EXPENDITURES  
FOR THE SUPPLY OF DIESEL FUEL OIL NO.2 TO THE GPA WATER SYSTEM  
DIESEL (WSD) GENERATORS**

**WHEREAS**, the contract for the supply and delivery of Diesel Fuel Oil No.2 to the GPA Water System Diesel (WSD) Generators at the Guam Waterworks Authority (GWA) sites under the Multi-Step Re-Bid No. GPA-012-22 was awarded to **Morrigo Equipment, LLC**; and

**WHEREAS**, the Diesel Fuel Oil No.2 Supply Contract shall be for an initial period of three (3) years and commenced on October 01, 2022 and shall expire in September 30, 2025 with two one-year extension options renewable annually upon mutual agreement of both parties; and

**WHEREAS**, the contract with **Morrigo Equipment, LLC** based an estimated contract value of approximately \$383,400 per year, or an estimated total of **\$1,150,200** for the three-year contract base period has been approved under Resolution 2022-25; and

**WHEREAS**, Post-Super Typhoon Mawar restoration efforts from May to July 2023 and a series of forced outages to the baseload units along with the rising fuel commodity prices significantly increased the fuel expenditures for the first year contract to \$982,359. For comparison, typical fuel expenditure is tabulated in Exhibit A; and

**WHEREAS**, the revised projection for the 3-year contract yielded an estimated cost of \$2,139,318 and the projected cost for the 2-year extension option is estimated at \$1,156,959 for an aggregate total of **\$3,296,277** for the 5-year contract period (Exhibit B); and

**WHEREAS**, the increase in the estimated total contract cost will require the PUC approval; and

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**WHEREAS**, GPA is seeking the approval of the CCU to petition the PUC for the increase in the contract value to **\$3,296,277** for the 5-year contract period.

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

1. The approved fuel expenditures shall be increased to a total of **\$3,296,277** for the 5-year contract period.
2. The General Manager of the Guam Power Authority is hereby authorized an increase in obligating authority to the annual value of the contract with **Morrico Equipment, LLC** for the Supply of Diesel Fuel Oil No.2 to the GPA WSD generators at GWA sites.

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

**DULY AND REGULARLY ADOPTED**, this 28<sup>th</sup> day of November 2023.

Certified by:

Attested by:

\_\_\_\_\_  
**JOSEPH T. DUENAS**  
Chairperson

\_\_\_\_\_  
**PEDRO ROY MARTINEZ**  
Secretary

1 I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities as  
2 evidenced by my signature above do hereby certify as follows:

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

8  
9  
10 AYES: \_\_\_\_\_

11 NAYS: \_\_\_\_\_

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13 ABSTENTIONS: \_\_\_\_\_

14  
15 ABSENT: \_\_\_\_\_

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17

**Exhibit A: Historical Expenses**

**GPA-012-22: Diesel Supply to WSD & GWA Generator Sites**

Historical Expenses	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018
Oct	\$0	\$2,875	\$0	\$8,940	\$15,348	\$27,840
Nov	\$12,804	\$0	\$4,319	\$0	\$33,835	\$0
Dec	\$0	\$0	\$4,047	\$0	\$0	\$0
Jan	\$4,061	\$567	\$0	\$14,266	\$1,405	\$6,135
Feb	\$52,902	\$1,063	\$0	\$0	\$33,002	\$10,829
Mar	\$9,154	\$9,132	\$12,020	\$223	\$52,830	\$16,884
Apr	\$0	\$0	\$415	\$0	\$5,482	\$0
May	\$137,839	\$11,310	\$446	\$0	\$14,127	\$6,778
Jun	\$518,052	\$32,275	\$2,145	\$0	\$0	\$0
Jul	\$39,809	\$6,008	\$0	\$0	\$7,650	\$48,651
Aug	\$90,506	\$112,829	\$7,531	\$8,195	\$0	\$76,172
Sep	\$117,232	\$3,754	\$7,143	\$0	\$3,960	\$135,148
<b>Summary</b>	<b>\$982,359</b>	<b>\$179,813</b>	<b>\$38,066</b>	<b>\$31,624</b>	<b>\$167,639</b>	<b>\$328,437</b>
<b>Total Gals</b>	<b>254,894</b>	<b>39,463</b>	<b>14,055</b>	<b>11,290</b>	<b>54,700</b>	<b>119,237</b>
<b>\$/gal</b>	<b>\$3.854</b>	<b>\$4.556</b>	<b>\$2.708</b>	<b>\$2.801</b>	<b>\$3.065</b>	<b>\$2.754</b>
<b>Remarks</b>	<b>(Actual)</b> Temporary off-grid operation	<b>(Actual)</b> Typical Expenditure	<b>(Actual)</b> Typical Expenditure	<b>(Actual)</b> Typical Expenditure	<b>(Actual)</b> Typical Expenditure	<b>(Actual)</b> Typical Expenditure
	Super Typhoon Mawar	Typhoon Tokage			Typhoon Wutip	Typhoon Mangkhut
<i>Estimated Typhoon Costs:</i>	\$655,891	\$112,829			\$52,830	\$135,148
<i>Estimated Typhoon Gallons:</i>	176,434	24,528			17,505	57,049



Exhibit B: Contract Expenditure - Revised Projection

GPA-012-22: Diesel Supply to WSD & GWA Generator Sites

Contract Expenses	3-Year Base Period			2-Year Extension Option		SUMMARY (5-Years)
	1 <sup>st</sup> year FY 2023	2 <sup>nd</sup> year FY2024	3 <sup>rd</sup> year FY 2025	1 <sup>st</sup> year FY 2026	2 <sup>nd</sup> year FY 2027	
MOPS (Avg), \$/gal	\$2.305	\$2.986	\$2.986	\$2.986	\$2.986	\$2.759
Fixed Premium, \$/gal	\$1.549	\$1.549	\$1.549	\$1.549	\$1.549	\$1.549
Unit Cost (Avg), \$/gal	\$3.854	\$4.535	\$4.535	\$4.535	\$4.535	\$4.308
Quantity (gal)	254,894	127,559	127,559	127,559	127,559	765,130
Annual Cost (\$)	\$982,359	\$578,480	\$578,480	\$578,480	\$578,480	\$3,296,277
Cumulative Cost (\$)	\$982,359	\$1,560,839	\$2,139,318	\$2,717,798	\$3,296,277	
Remarks	(Actual) Temporary off-grid operation Typhoon Mawar	(Projected) Temporary off-grid operation	(Projected) Temporary off-grid operation	(Projected) Temporary off-grid operation	(Projected) Temporary off-grid operation	(Projected)

Gallons	3-Year Base Period			2-Year Extension Option		SUMMARY (5-Years)
	1 <sup>st</sup> year FY 2023	2 <sup>nd</sup> year FY2024*	3 <sup>rd</sup> year FY 2025*	1 <sup>st</sup> year FY 2026*	2 <sup>nd</sup> year FY 2027*	
Oct	0	10,630	10,630	10,630	10,630	42,520
Nov	2,905	10,630	10,630	10,630	10,630	45,424
Dec	0	10,630	10,630	10,630	10,630	42,520
Jan	953	10,630	10,630	10,630	10,630	43,472
Feb	12,263	10,630	10,630	10,630	10,630	54,782
Mar	2,226	10,630	10,630	10,630	10,630	44,745
Apr	0	10,630	10,630	10,630	10,630	42,520
May	35,352	10,630	10,630	10,630	10,630	77,872
Jun	141,082	10,630	10,630	10,630	10,630	183,601
Jul	10,630	10,630	10,630	10,630	10,630	53,150
Aug	22,786	10,630	10,630	10,630	10,630	65,306
Sep	26,698	10,630	10,630	10,630	10,630	69,218
<b>Total (gals)</b>	<b>254,894</b>	<b>127,559</b>	<b>127,559</b>	<b>127,559</b>	<b>127,559</b>	<b>765,130</b>
Remarks	(Actual)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)

\*Assumed avg monthly consumption at the Jul 2023 values for off-grid operation



## GUAM POWER AUTHORITY

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

### Issues for Decision

**Resolution No. FY2024-06:**

#### **RELATIVE TO APPROVAL OF THE PURCHASE OF WSD GENERATORS**

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

To initiate the replacement program of Water System Diesel (WSD) generators which are the backup power supply for the Guam Waterworks Authority (GWA) water wells, waste water facilities, and water booster pump stations. The initial procurement of 104 generators includes 94 generators for priority sites identified in coordination with GWA as well as 10 portable generators with trailers to serve as additional backup for other critical sites as needed. Most of the generators are over 29 years old, nearing end of life, which has become difficult to maintain their availability and reliability.

**Where is the location?**

Various GWA sites including water wells, treatment plants, pump stations and lift stations.

**How much will it cost?**

The estimated cost is \$11.4M (\$9.5 Million estimate plus 20% contingency).

**When will it be completed?**

Estimated lead times varies with some over year.

**What is its funding source?**

Revenue



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

**RESOLUTION NO. FY2024 – 06**

**RELATIVE TO APPROVAL OF THE PURCHASE OF WSD GENERATORS**

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**WHEREAS**, the Guam Power Authority (GPA) Water System Diesel (WSD) section operates and maintains over two hundred twenty (220) standby generators for the Guam Waterworks Authority (GWA) water wells, waste water facilities, and water booster pump stations including the approximately 90 standby generators transferred in 2015 from GWA to GPA; and

**WHEREAS**, these generators are backup power supply to the GWA sites for uninterrupted water and sewer services; and

**WHEREAS**, most of the generators are over 29 years old, near end of life, which has become difficult to maintain availability and reliability; and

**WHEREAS**, GPA has initiated a program to replace these generators gradually starting with sites that have damaged generators or generators anticipated to fail; and

**WHEREAS**, experiences in Typhoon Mawar highlighted the difficulties of keeping these units operating uninterrupted due to their age, higher maintenance needs and difficulty of sourcing parts; and

**WHEREAS**, GPA and GWA have identified 94 priority GWA sites that require generator replacement; and

**WHEREAS**, generator capacity sizes include 30 KW (23 ea.), 60 KW (7 ea.), 125 KM (23 ea.), 175 KW (13 ea.), 300 KW (16 ea.), 500 KW (9 ea.), 800 KW (2ea.) and 1,400 KW (2 ea.) as detailed in Exhibit A; and

**WHEREAS**, GPA also requires 10 portable generators to include trailers consisting of 175 KW (5 ea.), 300 KW (3ea.) and 500 KW (2 ea.) capacity as additional backup power supply for remaining critical GWA sites; and

**WHEREAS**, GPA estimates the cost of these generators at over \$9.5M which exceeds the GPA General Manager procurement authority.

1           **NOW, THEREFORE, BE IT RESOLVED, by the Consolidated Commission on**  
2 **Utilities, the governing body of the Guam Power Authority and subject to the review and**  
3 **approval of the Public Utilities Commission as follows:**

4           1. The GPA General Manager is authorized to procure 104 generators for GWA water wells,  
5           waste water facilities, and water booster pump stations at a cost of \$11.4 M (\$9.5M plus  
6           20% contingency).

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

9           **DULY AND REGULARLY ADOPTED AND APPROVED THIS 28<sup>TH</sup> DAY OF**  
10 **NOVEMBER 2023.**

11 Certified by:

Attested by:

12

13

\_\_\_\_\_

\_\_\_\_\_

14

**JOSEPH T. DUENAS**

**PEDRO ROY MARTINEZ**

15

Chairperson

Secretary

16

Consolidated Commission on Utilities

Consolidated Commission on Utilities

17

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

19

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

23

24

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

25

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

26

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

27

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

Resolution FY2024-06  
 EXHIBIT A  
 List of WSD Sites for Generator Replacement

No.	WSD Station	Type	Recommended Gen Size (standardization)
1	Nimitz_Hill_BPS	Water_Distribution	30
2	Adawag_BPS	Water_Distribution	30
3	Pale_Kiren_BPS	Water_Distribution	30
4	Camacho_BPS	Water_Distribution	30
5	Agana_Heights_BPS	Water_Distribution	30
6	Sagan_Bonita_01	Wastewater_Collections	30
7	Pacific_Latte	Wastewater_Collections	30
8	Pigua_BPS	Water_Distribution	30
9	Astumbo_1	Wastewater_Collections	30
10	Cabras_Island	Wastewater_Collections	30
11	Astumbo_2	Wastewater_Collections	30
12	SDSS_Ejector_02	Wastewater_Collections	30
13	SDSS_Ejector_03	Wastewater_Collections	30
14	SDSS_Ejector_04	Wastewater_Collections	30
15	SDSS Ejector_05	Wastewater_Collections	30
16	SDSS Ejector_06	Wastewater_Collections	30
17	North_Reyes_Merizo	Wastewater_Collections	30
18	Pagachao	Wastewater_Collections	30
19	MTL	Wastewater_Collections	30
20	SDSS_Ejector_07	Wastewater_Collections	30
21	Hafa_Adai	Wastewater_Collections	30
22	Manuel_Tenorio_BPS	Water_Distribution	30
23	Sagan_Bonita_02	Wastewater_Collections	60
24	Dandan	Wastewater_Collections	60
25	Route_04_Layon	Wastewater_Collections	60
26	Station_11	Wastewater_Collections	60
27	Station_15	Wastewater_Collections	60
28	CH_pago_3	Wastewater_Collections	60
29	Macheche	Wastewater_Collections	60
30	Leyang	Wastewater_Collections	125
31	D-24	Deep_Well_Production	125
32	Flora_Pago	Wastewater_Collections	125
33	IWWTP	Wastewater_Treatment	125
34	Ypao	Wastewater_Collections	125
35	Dero	Wastewater_Collections	125
36	Fema_96	Wastewater_Collections	125
37	Harmon	Wastewater_Collections	125
38	Paseo_De_Oro	Wastewater_Collections	125

Resolution FY2024-06  
 EXHIBIT A  
 List of WSD Sites for Generator Replacement

No.	WSD Station	Type	Recommended Gen Size (standardization)
39	PGD_PS	Wastewater_Collections	125
40	D-26	Deep_Well_Production	125
41	D-28	Deep_Well_Production	125
42	Commercial_Port	Wastewater_Collections	125
43	Dairy_Road	Wastewater_Collections	125
44	Y-10	Deep_Well_Production	125
45	Y-04	Deep_Well_Production	125
46	F-17	Deep_Well_Production	125
47	D-21	Deep_Well_Production	125
48	Mataguac_BPS	Water_Distribution	125
49	AG-01	Deep_Well_Production	125
50	F-18	Deep_Well_Production	125
51	M-21	Deep_Well_Production	125
52	Y-12	Deep_Well_Production	125
53	Y-18	Deep_Well_Production	175
54	M17-A	Deep_Well_Production	175
55	Talofofa	Wastewater_Collections	175
56	F-13	Deep_Well_Production	175
57	F-15	Deep_Well_Production	175
58	F-16	Deep_Well_Production	175
59	M-23	Deep_Well_Production	175
60	D-25	Deep_Well_Production	175
61	M-18	Deep_Well_Production	175
62	M-20A	Deep_Well_Production	175
63	Pago_Double	Wastewater_Collections	175
64	Pago_Bay_BPS	Water_Distribution	175
65	Access_BPS	Water_Distribution	175
66	Y-21	Deep_Well_Production	300
67	D-27	Deep_Well_Production	300
68	Y-16	Deep_Well_Production	300
69	Y-17	Deep_Well_Production	300
70	Yigo	Wastewater_Collections	300
71	Brigade_BPS	Water_Distribution	300
72	Malojloj_Line_BPS	Water_Distribution	300
73	Y-22	Deep_Well_Production	300
74	Y-23	Deep_Well_Production	300
75	Y-14	Deep_Well_Production	300
76	Y-15	Deep_Well_Production	300

Resolution FY2024-06  
EXHIBIT A  
List of WSD Sites for Generator Replacement

No.	WSD Station	Type	Recommended Gen Size (standardization)
77	Y-19	Deep_Well_Production	300
78	Y-20	Deep_Well_Production	300
79	AG-02	Deep_Well_Production	300
80	Agana_Main	Wastewater_Collections	300
81	Mamajanao	Wastewater_Collections	300
82	Tai	Wastewater_Collections	500
83	Chaligan	Wastewater_Collections	500
84	UGUM_WTP	Water_Plant_Production	500
85	ASR_WWTP	Wastewater_Treatment	500
86	HGC-2	Deep_Well_Production	500
87	A-30	Deep_Well_Production	500
88	Chaot_New	Wastewater_Collections	500
89	Gaan	Wastewater_Collections	500
90	HWWTP	Wastewater_Treatment	500
91	Fujita_PS	Wastewater_Collections	800
92	Ugum_Plant_2	Deep_Well_Production	800
93	Southern_Link_PS	Wastewater_Collections	1400
94	Route_16_PS	Wastewater_Collections	1400

Resolution FY2024-06  
EXHIBIT B  
List of Portable Generators

No.	Recommended Gen Size, KW (standardize)
1	500
2	500
3	175
4	175
5	175
6	175
7	175
8	300
9	300
10	300





## GUAM POWER AUTHORITY

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

### Issues for Decision

#### Resolution No. FY2024-08

#### **To Authorize the Management of Guam Power Authority to Petition the Guam Public Utilities Commission to Adjust the Levelized Energy Adjustment Clause for the Period of February 1, 2024 through July 31, 2024**

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

The objective is to meet the December 15, 2023 upcoming LEAC filing deadline with the PUC. **GPA proposes to adjust the LEAC factor to \$0.264327/kWh for the periods of February 1, 2024 through July 31, 2024.** The most recent Morgan Stanley market projects the average fuel price is expected to be \$120.28/bbl for the period ending July 31, 2024. Projected under-recovery for the same period at the proposed reduced LEAC rate of \$0.264327/kWh is about \$19.5 million.

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

The LEAC is billed and collected thru the monthly electric billings of our customers.

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

To cover the periods of February 1, 2024 thru July 31, 2024



**CONSOLIDATED COMMISSION ON UTILITIES**

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

**GPA RESOLUTION NO. FY2024-08**

**TO AUTHORIZE THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO  
PETITION THE GUAM PUBLIC UTILITIES COMMISSION TO ADJUST THE  
LEVELIZED ENERGY ADJUSTMENT CLAUSE (LEAC) FOR THE PERIOD OF  
FEBRUARY 1, 2024 THROUGH JULY 31, 2024**

**WHEREAS**, the Guam Public Utilities Commission (GPUC) has established a Tariff under which the Guam Power Authority (GPA) is allowed to recover its fuel costs and fuel related costs under a factor which is reset and trued up every (6) six months through the Levelized Energy Adjustment Clause (LEAC); and

**WHEREAS**, the deadline for the next filing is December 15, 2023; and

**WHEREAS**, on May 3, 2023, GPA has requested to reduce the LEAC factor to \$0.248145/kWh for the periods of June 1, 2023 through January 31, 2024, due to decrease in worldwide fuel prices; and

**WHEREAS**, on June 5, 2023, the Guam Public Utility Commission (PUC) ratified the Order, executed by the Chairman on May 19, 2023, which further reduced the LEAC factor from \$0.318576/kWh to \$0.231144/kWh for meters read on or after June 1, 2023. The average fuel price was \$113.16/bbl as of the May 2023 filing using average pricing from April 10 through 14, 2023. However, an updated average pricing from May 4 through 11, 2023 further reduced the average fuel price to \$102.51/bbl. Based upon the further reduction in fuel oil pricing, the PUC reduced the LEAC factor even further so GPA ratepayers benefit, to the fullest extent possible, from the reduction in fuel oil prices; and

1           **WHEREAS**, the approved GPA LEAC factor from the periods of June 1, 2023 through  
2 January 31, 2024, as ordered by the PUC, included the embedded rate of \$0.003109/kWh for the  
3 Demand Side Management (DSM) Program; establishing the funding source for the DSM  
4 Program that would provide roughly \$1.75 million for a seven-month period. Total revenues  
5 collected for the DSM Program between the six-month period of April 2023 through September  
6 2023 is \$1.7 million, or an average of \$290 thousand per month; and

7  
8           **WHEREAS**, the average market price of fuel used in this filing for the current period was  
9 approved at \$102.51/bbl for the (7) seven-month period from June 1, 2023 through January 31,  
10 2024. The projected average price of fuel for the period ending July 31, 2024 is expected to be  
11 \$120.28/bbl; and

12  
13           **WHEREAS**, the most recent Morgan Stanley market projections for fuel prices has  
14 increased from the previous filing and projected under-recovery for the period ending July 31,  
15 2024 at the proposed LEAC rate of \$0.264327/kWh is \$19.5 million; and

16  
17           **WHEREAS**, GPA proposes to adjust the LEAC factor to \$0.264327/kWh for the periods  
18 of February 1, 2024 through July 31, 2024; and

19  
20           **WHEREAS**, GPA did not include costs associated with the Demand Side Management  
21 rebate program for the anticipated LEAC period from February 1, 2024 through July 31, 2024;  
22 and

23  
24           **WHEREAS**, GPA now is requesting the Consolidated Commission on Utilities to  
25 authorize the Authority to file such petition with the Guam Public Utilities Commission; and

26  
27           **NOW, THEREFORE BE IT RESOLVED**, by the Consolidated Commission on  
28 Utilities, as the Governing Body of GPA, as follows:

29  
30           The General Manager of the Guam Power Authority is authorized to petition the Guam  
31 Public Utilities Commission to adjust the secondary voltage LEAC rate to \$0.264327/kWh  
32 effective for the period from February 1, 2024 through July 31, 2024. (LEAC factors for  
alternative voltage levels are reflected in the attached spreadsheets in the attached Exhibit A.)

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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 28<sup>th</sup> of November, 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:

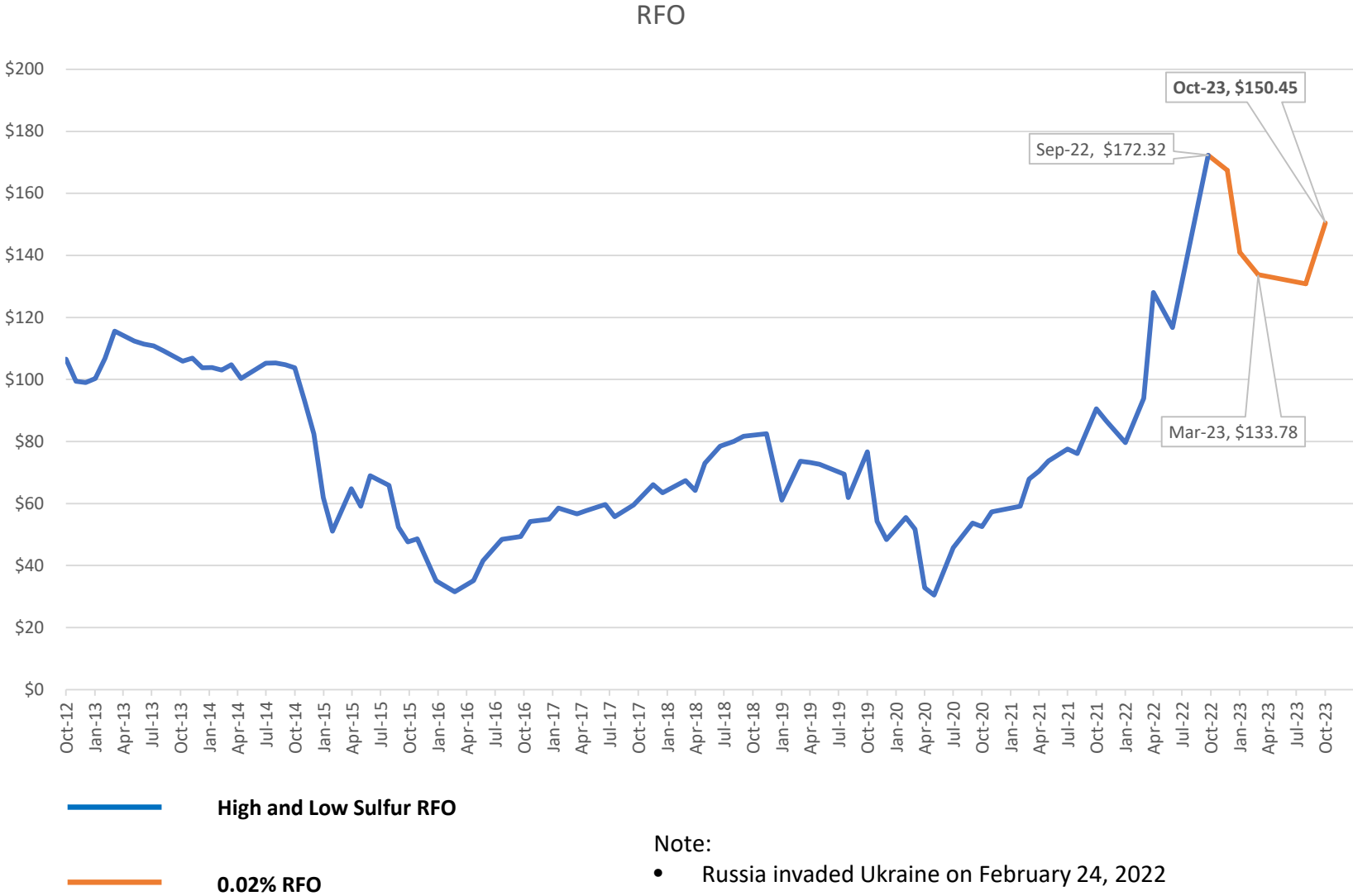
AYES: \_\_\_\_\_  
NAYS: \_\_\_\_\_  
ABSTAIN: \_\_\_\_\_  
ABSENT: \_\_\_\_\_

**GPA**  
**Proposed LEAC Rate (\$000)**  
 Update as of 11/21/2023

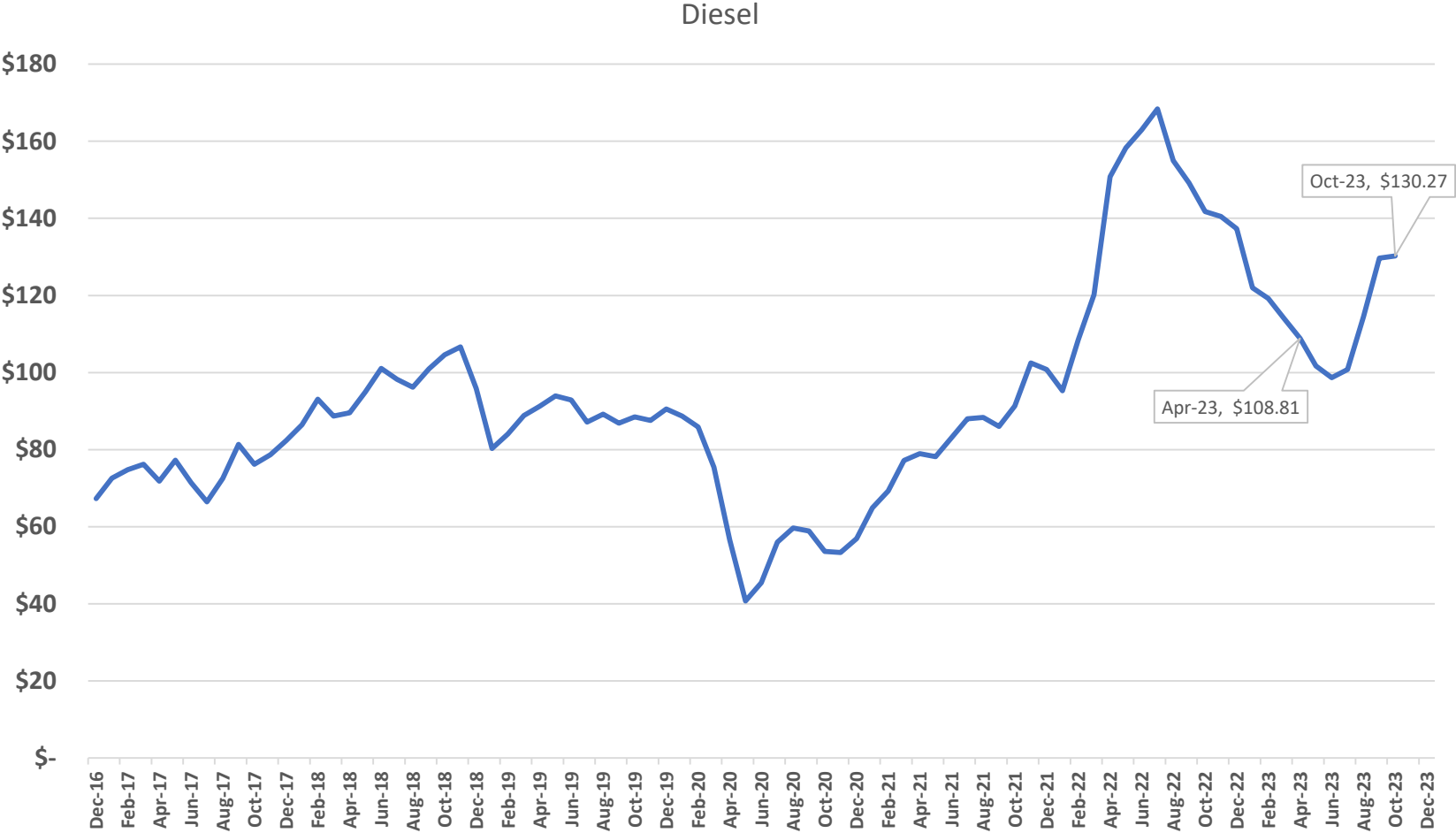
Actuals as of 10/31/2023

	FEB 24 - JUL 24		
	IS Pricing 10-Day Average from 10.31.2023 - 11.16.2023		
	No Change	50% Recovery	Full Recovery
Average Price per Bbl-ULSFO 0.20%	\$ 136.82	\$ 136.82	\$ 136.82
Average Price per Bbl-Diesel	\$ 111.86	\$ 111.86	\$ 111.86
Number 6 (HSFO/LSFO)	\$ 62,403	\$ 62,403	\$ 62,403
Number 2 (Diesel)	\$ 100,293	\$ 100,293	\$ 100,293
Renewable (Solar)	\$ 11,020	\$ 11,020	\$ 11,020
TOTAL COST	\$ 173,716	\$ 173,716	\$ 173,716
Handling Costs	\$ 8,889	\$ 8,889	\$ 8,889
Total Current Fuel Expense	\$ 182,605	\$ 182,605	\$ 182,605
Civilian Allocation	79.202%	79.202%	79.202%
LEAC Current Fuel Expense	\$ 144,628	\$ 144,628	\$ 144,628
Estimated DSM for this period	\$ -	\$ -	\$ -
Deferred Fuel Expense at the beginning of the period	\$ 33,417	\$ 33,417	\$ 33,417
Total LEAC Expense	\$ 178,045	\$ 178,045	\$ 178,045
Less: Trans. Level Costs	\$ 7,849	\$ 8,939	\$ 10,038
Distribution Level Costs	\$ 185,894	\$ 186,984	\$ 188,083
Over recovery/(Under) at the end of the period	\$ (39,371)	\$ (19,500)	\$ -
Adjusted Distribution Level Costs	\$ 146,522	\$ 167,484	\$ 188,083
Distribution Level Sales (mWh)	565,988	565,988	565,988
LEAC Factor Distribution	\$0.231144	\$0.264327	\$0.296838
Current LEAC Factor Distribution	\$ 0.231144	\$ 0.231144	\$ 0.231144
Increase/(Decrease)	-	0.033183	0.065694
Monthly Increase/(Decrease) - 1000 kWh	\$ -	\$ 33.18	\$ 65.69
% Increase/(Decrease) in LEAC	0.00%	14.36%	28.42%
% Increase/(Decrease) in Total Bill	0.00%	10.10%	19.99%
Discount (3%) - Primary 13.8 KV	\$ 0.224219	\$ 0.255403	\$ 0.286816
Discount (4%) - 34.5 KV	\$ 0.223573	\$ 0.254572	\$ 0.285882
Discount (5%) - 115 KV	\$ 0.220821	\$ 0.251030	\$ 0.281905

# LEAC Update - GPA RFO Purchases (Per Barrel)



# LEAC Update - GPA Diesel Purchases (Per Barrel)



— Purchased

- Note:
- Russia invaded Ukraine on February 24, 2022



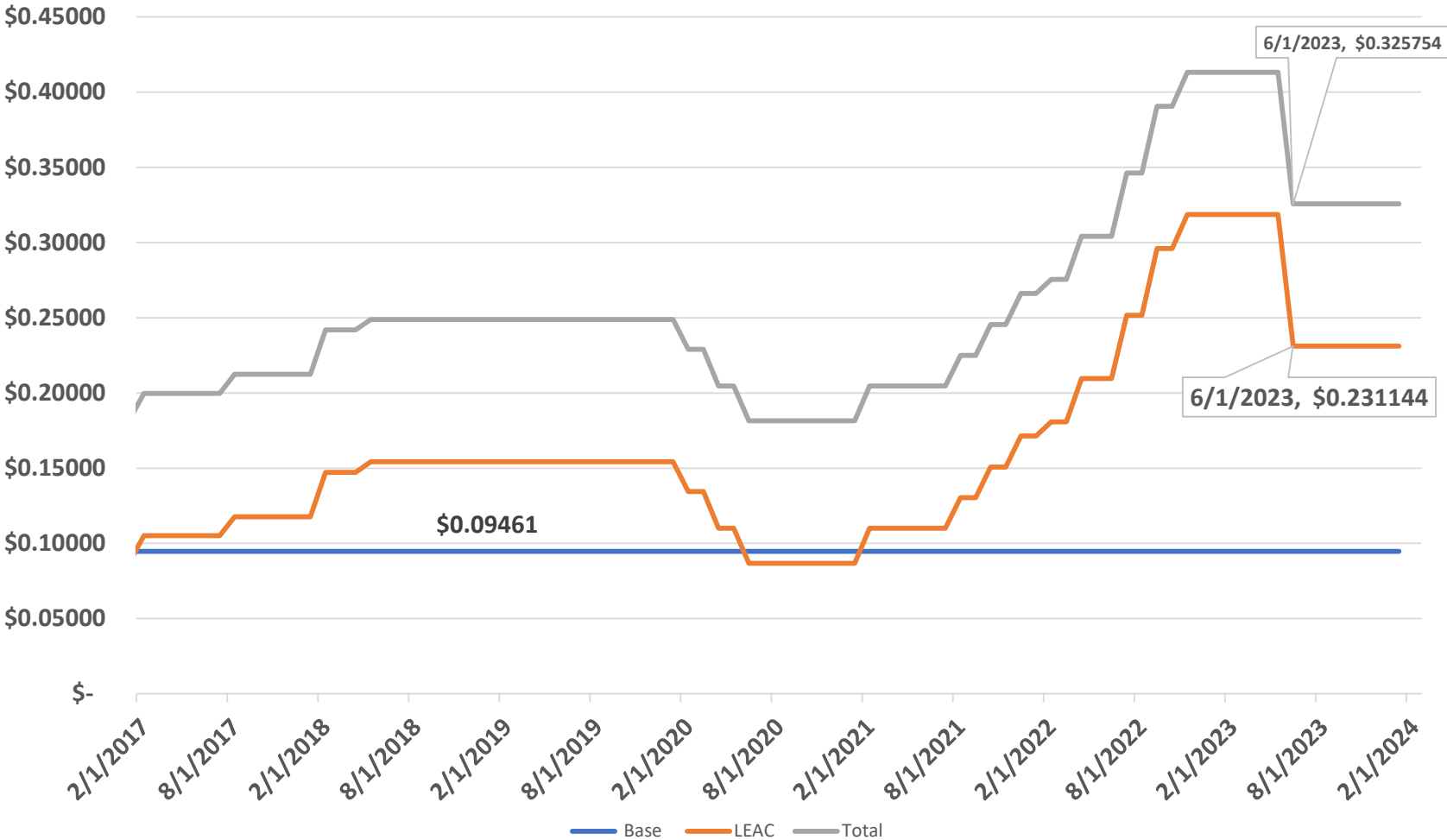
# LEAC Update - Morgan Noon Call Pricing

Date	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
<b>Gassoil 10ppm</b>											
<b>10/31/2023</b>	\$ 111.38	\$ 109.78	\$ 108.48	\$ 107.43	\$ 107.43	\$ 105.17	\$ 105.17	\$ 105.17	\$ 103.76	\$ 103.76	\$ 103.76
<b>11/2/2023</b>	112.75	111.01	109.36	108.11	108.16	105.32	105.32	105.32	103.56	103.56	103.56
<b>11/3/2023</b>	114.77	113.07	111.37	110.07	110.12	107.10	107.10	107.10	105.07	105.07	105.07
<b>11/6/2023</b>	111.67	109.77	108.37	107.22	107.27	104.78	104.78	104.78	102.97	102.97	102.97
<b>11/7/2023</b>	110.96	109.66	108.41	107.26	107.33	104.75	104.75	104.75	102.96	102.96	102.96
<b>11/8/2023</b>	106.67	106.07	105.07	104.12	104.17	101.96	101.96	101.96	100.32	100.32	100.32
<b>11/10/2023</b>	101.29	101.29	100.94	100.47	100.48	98.99	98.99	98.99	97.72	97.72	97.72
<b>11/14/2023</b>	107.16	106.06	105.31	104.59	104.61	102.40	102.40	102.40	100.79	100.79	100.79
<b>11/15/2023</b>	106.77	106.02	105.27	104.49	104.49	102.12	102.12	102.12	100.37	100.37	100.37
<b>11/16/2023</b>	106.07	105.37	104.57	103.77	103.75	100.99	100.99	100.99	99.27	99.27	99.27
<b>Ten-day average</b>	<b>\$ 108.95</b>	<b>\$ 107.81</b>	<b>\$ 106.71</b>	<b>\$ 105.75</b>	<b>\$ 105.78</b>	<b>\$ 103.36</b>	<b>\$ 103.36</b>	<b>\$ 103.36</b>	<b>\$ 101.68</b>	<b>\$ 101.68</b>	<b>\$ 101.68</b>





# LEAC Update - Historical Residential LEAC Rate



# LEAC Update - Historical LEAC Over / (Under) Recovery

LEAC Period		Approved LEAC	Actual Over
From	To	Rate	(Under) Recovery
2/1/2013	7/31/2013	\$ 0.209271	\$ 1,345,259
8/1/2013	10/31/2013	\$ 0.182054	\$ 1,300,093
2/1/2014	7/31/2014	\$ 0.172986	\$ (1,137,034)
8/1/2014	10/31/2014	\$ 0.176441	\$ (4,646,872)
11/1/2014	1/31/2015	\$ 0.146666	\$ 661,428
2/1/2015	7/31/2015	\$ 0.102054	\$ 1,757,878
8/1/2015	1/31/2016	\$ 0.104871	\$ (2,467,151)
2/1/2016	7/31/2016	\$ 0.086613	\$ (2,668,603)
8/1/2016	1/31/2017	\$ 0.086613	\$ (9,915,360)
			\$ (5,315,360) (a)
2/1/2017	7/31/2017	\$ 0.105051	\$ (14,050,504)
8/1/2017	1/31/2018	\$ 0.117718	\$ (16,775,982)
2/1/2018	4/30/2018	\$ 0.147266	\$ (13,005,689)
5/1/2018	7/31/2018	\$ 0.154242	\$ (8,422,674)
8/1/2018	1/31/2019	\$ 0.154242	\$ (13,336,698)
2/1/2019	7/31/2019	\$ 0.154242	\$ (10,225,349)
8/1/2019	1/31/2020	\$ 0.154242	\$ (2,193,618)
2/1/2020	3/31/2020	\$ 0.134474	\$ (1,803,778)
4/1/2020	5/31/2020	\$ 0.110039	\$ (2,981,023)
6/1/2020	7/31/2020	\$ 0.086800	\$ (3,563,177)
8/1/2020	1/31/2021	\$ 0.086800	\$ (13,230,995)
2/1/2021	7/31/2021	\$ 0.110000	\$ (32,452,576)
8/1/2021	9/30/2021	\$ 0.130400	\$ (14,168,086) (b)
10/1/2021	11/30/2021	\$ 0.150800	\$ (19,695,128)
12/1/2021	1/31/2022	\$ 0.171458	\$ (22,490,844)
2/1/2022	3/31/2022	\$ 0.180837	\$ (29,444,602)
4/1/2022	6/30/2022	\$ 0.209522	\$ (42,759,975)
7/1/2022	8/31/2022	\$ 0.251638	\$ (47,101,089)
9/1/2022	10/31/2022	\$ 0.296043	\$ (41,914,469)
11/1/2022	1/31/2023	\$ 0.318576	\$ (32,523,031)
2/1/2023	5/31/2023	\$ 0.318576	\$ (12,423,514)
6/1/2023	1/31/2024	\$ 0.231144	\$ (33,417,289) Estimated



Notes:  
 (a) Under-recovery balance after applying \$4.6 million from Cabras 3 & 4 Extra Expense claim.  
 (b) Under-recovery balance after applying \$10 million from Self-Insurance Fund and \$15 million from GovGuam.



# LEAC Update - Rate

<b>FEB 24 - JUL 24</b>			
<b>Pricing 10-Day Average from 10.31.2023 - 11.16.2</b>			
	<b>No Change</b>	<b>50% Recovery</b>	<b>Full Recovery</b>
Average Price per Bbl-RFO & ULSFO 0.20%	\$ 136.82	\$ 136.82	\$ 136.82
Average Price per Bbl-Diesel	\$ 111.86	\$ 111.86	\$ 111.86
Number 6 (HSFO/LSFO)	\$ 62,403	\$ 62,403	\$ 62,403
Number 2 (Diesel)	100,293	100,293	100,293
Renewable (Solar)	\$ 11,020	\$ 11,020	\$ 11,020
<b>TOTAL COST</b>	<b>\$ 173,716</b>	<b>\$ 173,716</b>	<b>\$ 173,716</b>
Handling Costs	\$ 8,889	\$ 8,889	\$ 8,889
Total Current Fuel Expense	\$ 182,605	\$ 182,605	\$ 182,605
Civilian Allocation	79.202%	79.202%	79.202%
LEAC Current Fuel Expense	\$ 144,628	\$ 144,628	\$ 144,628
Estimated DSM for this period	\$ -	\$ -	\$ -
Deferred Fuel Expense at the beginning of the period	\$ 33,417	\$ 33,417	\$ 33,417
Total LEAC Expense	\$ 178,045	\$ 178,045	\$ 178,045
Less: Trans. Level Costs	\$ 7,849	\$ 8,939	\$ 10,038
Distribution Level Costs	\$ 185,894	\$ 186,984	\$ 188,083
Over recovery/(Under) at the end of the period	<b>\$ (39,371)</b>	<b>\$ (19,500)</b>	<b>\$ -</b>
Adjusted Distribution Level Costs	\$ 146,522	\$ 167,484	\$ 188,083
Distribution Level Sales (mWh)	565,988	565,988	565,988
LEAC Factor Distribution	<b>\$0.231144</b>	<b>\$0.264327</b>	<b>\$0.296838</b>
Current LEAC Factor Distribution	\$ 0.231144	\$ 0.231144	\$ 0.231144
Increase/(Decrease)	-	0.033183	0.065694
Monthly Increase/(Decrease) - 1000 kWh	<b>\$ -</b>	<b>\$ 33.18</b>	<b>\$ 65.69</b>
% Increase/(Decrease) in LEAC	0.00%	14.36%	28.42%
% Increase/(Decrease) in Total Bill	0.00%	10.10%	19.99%
Discount (3%) - Primary 13.8 KV	\$ 0.224219	\$ 0.255403	\$ 0.286816
Discount (4%) - 34.5 KV	\$ 0.223573	\$ 0.254572	\$ 0.285882
Discount (5%) - 115 KV	\$ 0.220821	\$ 0.251030	\$ 0.281905



# LEAC Update - Sample residential bill

	RATE SCHEDULE R							
	Existing Rate Eff 6-01-23		No Adjustment Eff 02-01-24		50% Recovery Eff 02-01-24		100% Recovery Eff 02-01-24	
	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
KWH		1,000		1,000		1,000		1,000
Monthly Charge	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00
Non-Fuel Energy Charge								
First 500 KWH	0.069550	34.78	0.069550	34.78	0.069550	34.78	0.069550	34.78
Over 500 KWH	0.086870	43.44	0.086870	43.44	0.086870	43.44	0.086870	43.44
Emergency Water-well charge	0.002790	1.40	0.002790	1.40	0.002790	1.40	0.002790	1.40
Self-Insurance Charge	0.002900	2.90	0.002900	2.90	0.002900	2.90	0.002900	2.90
Total Electric Charge before Fuel Recovery Charges		97.52		97.52		97.52		97.52
Fuel Recovery Charge	<b>0.231144</b>	231.14	<b>0.231144</b>	231.14	<b>0.264327</b>	264.33	<b>0.296838</b>	296.84
Total Electric Charge		<u>\$ 328.66</u>		<u>\$ 328.66</u>		<u>\$ 361.85</u>		<u>\$ 394.36</u>
Increase/(Decrease) in Total Bill				\$ -		\$ 33.18		\$ 65.69
% Increase/(Decrease) in Total Bill				<b>0.00%</b>		<b>10.10%</b>		<b>19.99%</b>
% Increase/(Decrease) in LEAC rate				<b>0.00%</b>		<b>14.36%</b>		<b>28.42%</b>



## Issues for Decision

**Resolution No. FY2024-09:**

**RELATIVE TO AUTHORIZING THE CONTRACT INCREASE  
FOR JANITORIAL SERVICES AT VARIOUS LOCATIONS**

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

To provide janitorial services on a daily basis, excluding holidays and weekends.

**Where is the location?**

The Gloria B. Nelson Public Service Building, the Transmission & Distribution Buildings, Generation Administrative Building, and the GPA satellite office in the Julale Shopping Center in Hagatna.

**How much will it cost?**

The annual cost is \$251,856. The total contract cost through the 5 year term is \$1,259,280.

**When will it be completed?**

The second and final extension year ends July 31, 2025.

**What is its funding source?**

Revenue Funds.



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

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**RESOLUTION NO. FY2024 – 09**  
**RELATIVE TO AUTHORIZING THE CONTRACT INCREASE FOR JANITORIAL SERVICES AT VARIOUS LOCATIONS**

**WHEREAS**, the Guam Power Authority (GPA) requires janitorial services for its offices and facilities; and

**WHEREAS**, GPA entered into a contract with Guam Cleaning Masters for Janitorial Services at Various Locations in February 2020, through Invitation for Bid GPA-012-20, with services commencing on August 1, 2020; and

**WHEREAS**, the contract term is for a three (3) year base period with the option to renew annually for two (2) additional one (1) year terms, not to exceed five (5) years; and

**WHEREAS**, the contractor provides janitorial services daily, excluding weekends and holidays, for the Gloria B. Nelson Public Service Building, the Transmission & Distribution Buildings, Generation Administrative Building, and the GPA satellite office in the Julale Shopping Center in Hagatna; and

**WHEREAS**, GPA requests to extend the contract through the two (2) extension years;

**WHEREAS**, based on the monthly flat rate cost of \$20,988.00 for an annual amount of \$251,856, the total contract costs to include the extension years will be \$1,259,280, exceeding the General Manager’s authority.

**NOW, THEREFORE, BE IT RESOLVED, by the CONSOLIDATED COMMISSION ON UTILITIES, the GOVERNING BODY of the GUAM POWER AUTHORITY as FOLLOWS:**

1. The CCU authorizes GPA General Manager to increase the contract for Guam Cleaning Masters for Janitorial Service at Various Locations through July 31, 2025 for a total contract cost of \$1,259,280.

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

3           **DULY AND REGULARLY ADOPTED AND APPROVED THIS 28<sup>TH</sup> DAY OF**  
4 **NOVEMBER 2023.**

5

6 Certified by:

Attested by:

7

8

9

10 **JOSEPH T. DUENAS**

**PEDRO ROY MARTINEZ**

11 Chairperson

Secretary

12 Consolidated Commission on Utilities

Consolidated Commission on Utilities

13

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

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

20

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

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

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

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

25

26



**GUAM WATERWORKS AUTHORITY**

**"Better Water. Better Lives."**

Suite 200, Gloria B. Nelson Public Service Building, 688 Route 15, Mangilao, Guam 96913  
Tel. No. (671) 300-6848 Fax No. (671) 648-3290

November 20, 2023

Commissioners  
Consolidated Commission on Utilities

RE: Written Recommendation to Discuss GWA Litigation Matters in Executive Session during  
CCU Regular Board Meeting on November 28, 2023

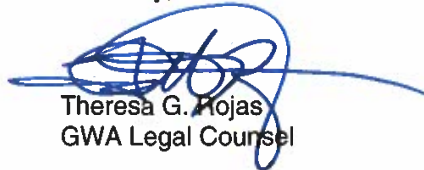
Dear Commissioners,

As the legal counsel for the Guam Waterworks Authority (GWA), I hereby recommend pursuant to 5 G.C.A. § 8111, that the Commissioners discuss the following matters in Executive Session during the November 28, 2023, CCU Regular Board Meeting:

1. Litigation issues as stated in Agenda

Pursuant to 5 G.C.A. § 8111, the Commission must make an affirmative vote of a majority of the members of the Commission to discuss these matters in Executive Session. Please contact me at 671-300-6853 if you have any questions.

Sincerely,



Theresa G. Rojas  
GWA Legal Counsel

TGR/abg