



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

GUAM POWER AUTHORITY WORK SESSION
CCU Conference Room, Gloria B. Nelson Public Service Building
8:30 a.m., Thursday, February 22, 2024

AMENDED AGENDA

1. **CALL TO ORDER**
2. **ISSUES FOR DECISION**
 - 2.1. **GPA Resolution No. FY2024-17** – Request to the Approval of the Energy Conversion Agreement (ECA) Amendment for Ukudu Power Plant
 - 2.2. [GPA Resolution No. FY2024-18 – Relative to Authorizing the Refunding of 2014 Revenue Bond](#)
3. **GM UPDATES**
 - 3.1. [Engineering & Technical Services](#)
 - 3.2. [Administration](#)
 - 3.3. [Finance](#)
 - 3.4. Operations
4. **OTHER DISCUSSION**
 - 4.1. [Generation Capacity Update](#)
 - 4.2. [IRP Update](#)
5. **ANNOUNCEMENT**
 - 5.1. Next CCU meeting February 27, 2024 CCU Regular Board Meeting at 5:30 PM
6. **ADJOURNMENT**



GUAM POWER AUTHORITY

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

Issues for Decision

Resolution No. FY2024-18

Relative to the approval of a bond issuance to refund outstanding revenue bonds.

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

GPA has been pursuing strategies for reducing debt service payments. One strategy that has emerged because of low interest rates has been the concept of refunding all or a portion of GPA's outstanding 2014 Series A revenue bonds for interest rate savings. After reviewing this strategy with Bank of America, GPA Bond Counsel, and Guam Economic Development Authority ("GEDA"), GPA believes this strategy has potential for providing significant benefit for GPA ratepayers.

How much will it cost?

The present value of debt service on the refunding bonds shall be at least two percent (2%) less than the present value of debt service on the refunded bonds, using the yield on the refunding bonds as the discount rate.



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RESOLUTION NO: 2024-18

AUTHORIZING THE APPROVAL OF A BOND ISSUANCE TO REFUND OUTSTANDING REVENUE BONDS

WHEREAS, the Consolidated Commission on Utilities (“CCU”) is a body corporate a politic, organized and existing under the laws of the Government of Guam; and

WHEREAS, the Consolidated Commission on Utilities is the governing body of the Guam Power Authority (“GPA”); and

WHEREAS, GPA has been pursuing strategies for reducing debt service payments, which would be of significant assistance in paying for capacity payment of the new power plant as noted previously; and

WHEREAS, one strategy that has emerged as a result of low interest rates has been the concept of refunding all or a portion of GPA’s outstanding 2014 Series A revenue bonds for interest rate savings; and

WHEREAS, GPA expects that opportunities will arise from time to time to refund all or a portion of its other then-outstanding revenue bonds for debt service savings, which is expected to result in potential savings to ratepayers; and

WHEREAS, the current scenario of low interest rates warrants action from the CCU; and

WHEREAS, after reviewing this strategy with Bank of America, GPA Bond Counsel, and Guam Economic Development Authority (“GEDA”), GPA believes this strategy has potential for providing significant benefit for GPA ratepayers; and

WHEREAS, the proposed transaction will be subject to the approval of the Guam Legislature, GEDA, the Public Utilities Commission, and the Governor, and to final approval by the CCU; and

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WHEREAS, the CCU desires to pursue this plan for refunding GPA’s debt service costs in order to provide a net present value savings to ratepayers; and

WHEREAS, the present value of debt service on the refunding bonds shall be at least two percent (2%) less than the present value of debt service on the refunded bonds, using the yield on the refunding bonds as the discount rate; and

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

1. The General Manager and the CCU Chairman are authorized to proceed forward with the refunding of outstanding revenue bonds.
2. The General Manager and CCU Chairman are authorized to petition the Public Utilities Commission for authorization to complete the bond refunding initiative.
3. The General Manager and CCU Chairman are authorized to submit the proposed bond refunding legislation to the Guam Legislature for approval.
4. The General Manager and CCU are authorized to seek approval from the Governor and GEDA to proceed with the proposed bond refunding.

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

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DULY AND REGULARLY ADOPTED AND APPROVED THIS 27TH DAY OF FEBRUARY 2024.

Certified by:

Attested by:

JOSEPH T. DUENAS

PEDRO ROY MARTINEZ

Chairperson

Secretary

Consolidated Commission on Utilities

Consolidated Commission on Utilities

SECRETARY’S CERTIFICATE

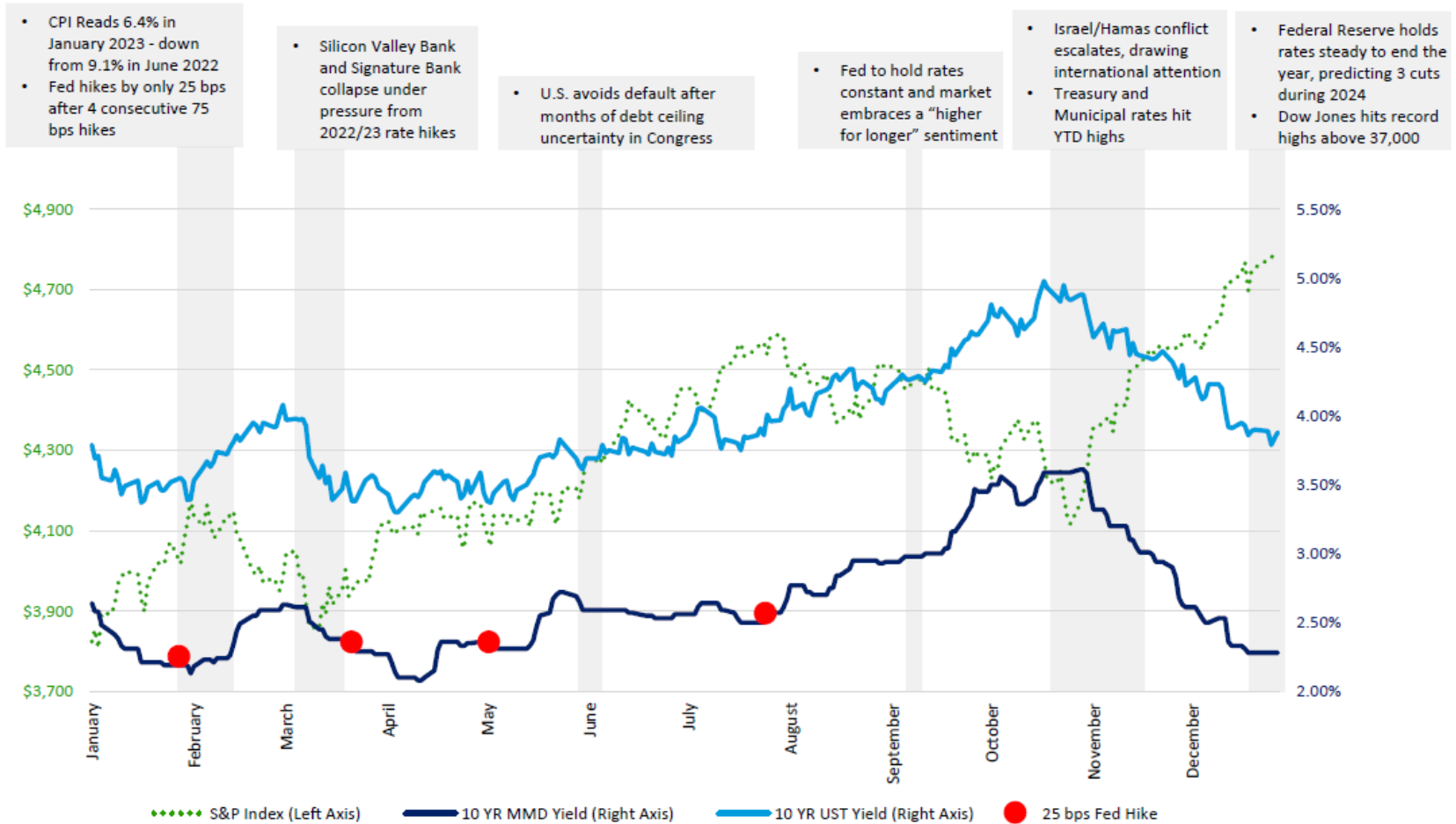
I, **Pedro Roy Martinez**, Board Secretary of the Consolidated Commission on Utilities (CCU), as evidenced by my signature above, do hereby certify as follows:

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

Ayes: _____
Nays: _____
Absent: _____
Abstain: _____

2014 Bond Refunding

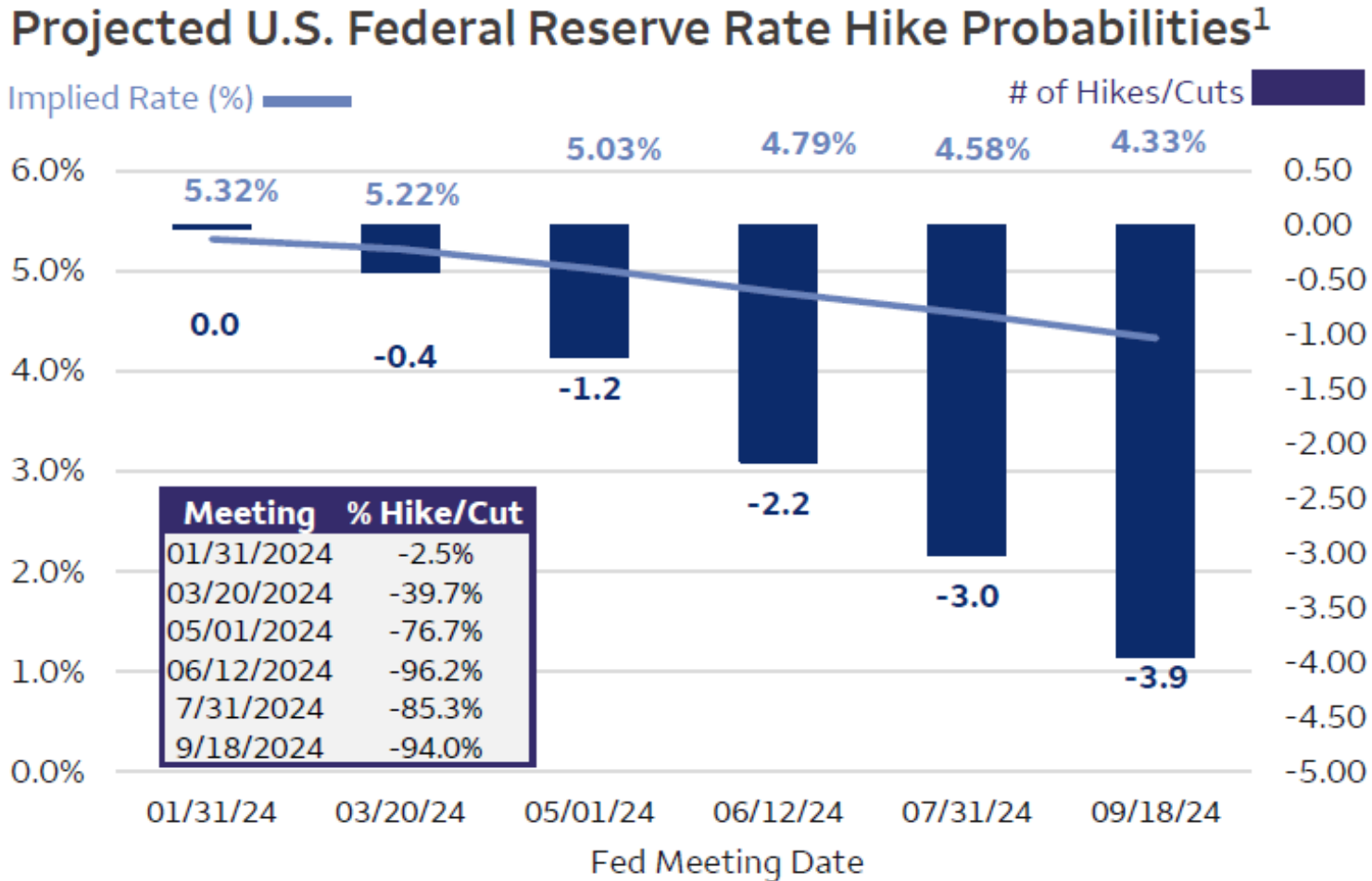
- 2023 was characterized by the Fed's continued path to taming inflation as well as political and geopolitical instability



Sources: S&P 500 as of end of business as reported by the Wall Street Journal; 10YR UST from The US Department of the Treasury.



2014 Bond Refunding – Market Projections Snapshot



Sources: (1) Bloomberg World Interest Rate Probabilities as of 1/24/2024



2014 Bond Refunding – Market Projections Snapshot (continued)

Wells Fargo Economist Interest Rate Projection ⁽¹⁾

	2023		2024				2025	
	Current	Q1	Q2	Q3	Q4	Q1	Q2	
Fed Funds Rate	5.50%	5.50%	5.00%	4.50%	4.25%	4.00%	3.75%	
5-Year UST	4.06%	3.95%	3.75%	3.60%	3.50%	3.40%	3.35%	
10-Year UST	4.18%	4.00%	3.85%	3.70%	3.60%	3.55%	3.50%	
30-Year UST	4.41%	4.15%	4.05%	3.95%	3.90%	3.85%	3.80%	



Sources: (1) Wells Fargo & Company forecast published 1/12/2024



2014 Bond Refunding

- Currently outstanding in the amount of \$65.79 million, the 2014 Series A are callable on October 1, 2024
- Settlement of the refunding bonds must be on or after July 1, 2024 to reach the 90-day window

Refunded Bonds					Refunding Bonds					
Maturity	Coupon	Par	Call Date	Escrow Rate	New Yield	Savings (\$)	Savings (%)	Neg. Arb.	Efficiency	Selected?
10/1/2024	5.00%	1,845,000	N/A	5.48%	3.39%	(9,316)	-0.50%	(9,446)	0.00%	*
10/1/2025	5.00%	1,935,000	10/1/2024	5.48%	3.34%	21,944	1.13%	(10,162)	186.20%	✓
10/1/2026	5.00%	2,035,000	10/1/2024	5.48%	3.22%	60,672	2.98%	(11,310)	122.90%	✓
10/1/2027	5.00%	2,135,000	10/1/2024	5.48%	3.20%	99,440	4.66%	(11,927)	113.60%	✓
10/1/2028	5.00%	2,245,000	10/1/2024	5.48%	3.16%	144,248	6.43%	(12,769)	109.70%	✓
10/1/2029	5.00%	2,355,000	10/1/2024	5.48%	3.15%	189,934	8.07%	(13,456)	107.60%	✓
10/1/2030	5.00%	2,470,000	10/1/2024	5.48%	3.20%	230,033	9.31%	(13,809)	106.40%	✓
10/1/2031	5.00%	2,595,000	10/1/2024	5.48%	3.23%	274,066	10.56%	(14,317)	105.50%	✓
10/1/2032	5.00%	2,725,000	10/1/2024	5.48%	3.28%	314,867	11.55%	(14,698)	104.90%	✓
10/1/2033	5.00%	2,860,000	10/1/2024	5.48%	3.31%	360,139	12.59%	(15,215)	104.40%	✓
10/1/2034	5.00%	3,005,000	10/1/2024	5.48%	3.33%	409,629	13.63%	(15,839)	104.00%	✓
10/1/2039	5.00%	17,440,000	10/1/2024	5.48%	3.75%	1,680,327	9.63%	(74,292)	104.60%	✓
10/1/2044	5.00%	17,150,000	10/1/2024	5.48%	4.28%	733,005	4.27%	(50,493)	107.40%	✓
10/1/2044	4.00%	5,000,000	10/1/2024	5.48%	4.28%	(401,920)	-8.04%	(14,662)	0.00%	*
Total		\$ 65,795,000				\$ 4,107,070	6.24%	\$ (282,395)	107.38%	
Total Selected for Refunding		\$ 58,950,000				\$ 4,518,305	7.66%	\$ (258,287)	106.06%	



Source: BofA

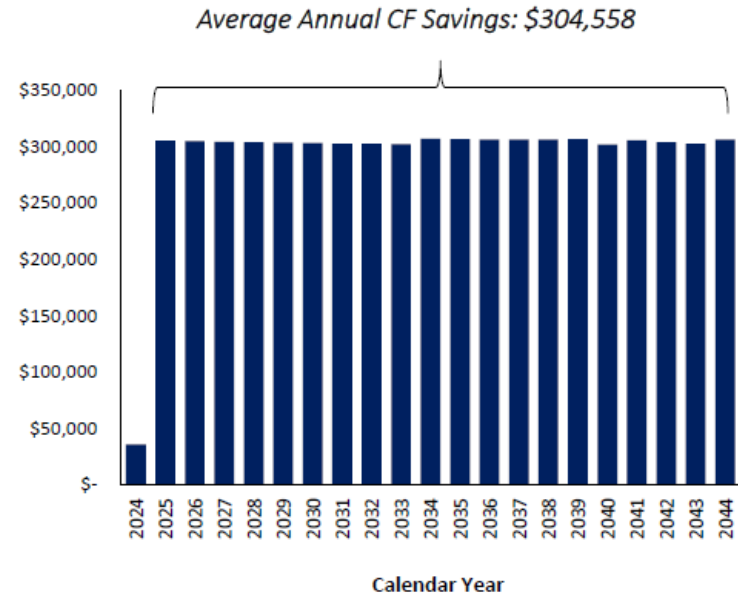


2014 Bond Refunding

Refunding Statistics

Summary of Refunding Results	
Delivery	July 2, 2024
Refunding Par Amount	\$54,045,000
Refunded Par Amount	\$58,950,000
All-In TIC:	4.30%
Current Aggregate MADS	\$37,945,250
New Aggregate MADS	\$37,643,125
DSRF (Deposit) / Reduction:	\$302,125
Principal Amortization	2025 - 2044
NPV Savings	\$3,907,709
NPV Savings as % of Refunded Par	6.63%
Positive Arbitrage	\$258,806

Cashflow Savings



Source: BofA



2014 Bond Refunding (Continued)

Steps Required to Refund 2014 Bond

- CCU approval.
- New legislation.
- PUC approval.

GM REPORT FEBRUARY 2024



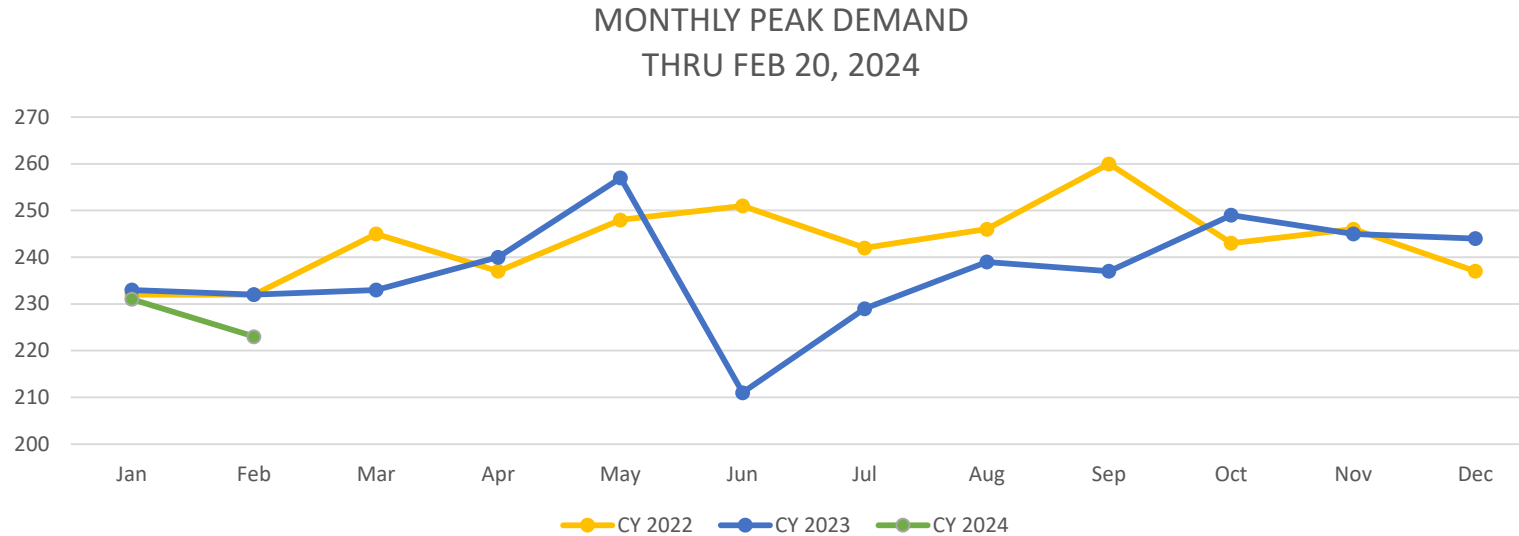
General Manager's Report

Projected March Generation Status

1. Reserve Margin Forecast for March 2024:

Targeted Available Capacity:	272 MW (All Baseloads Available)
Projected Demand:	233 MW
Anticipated Reserve Margin:	39 MW
Interruptible Load Availability:	20 MW
Total Reserves:	59 MW

2. System Peak Demand:

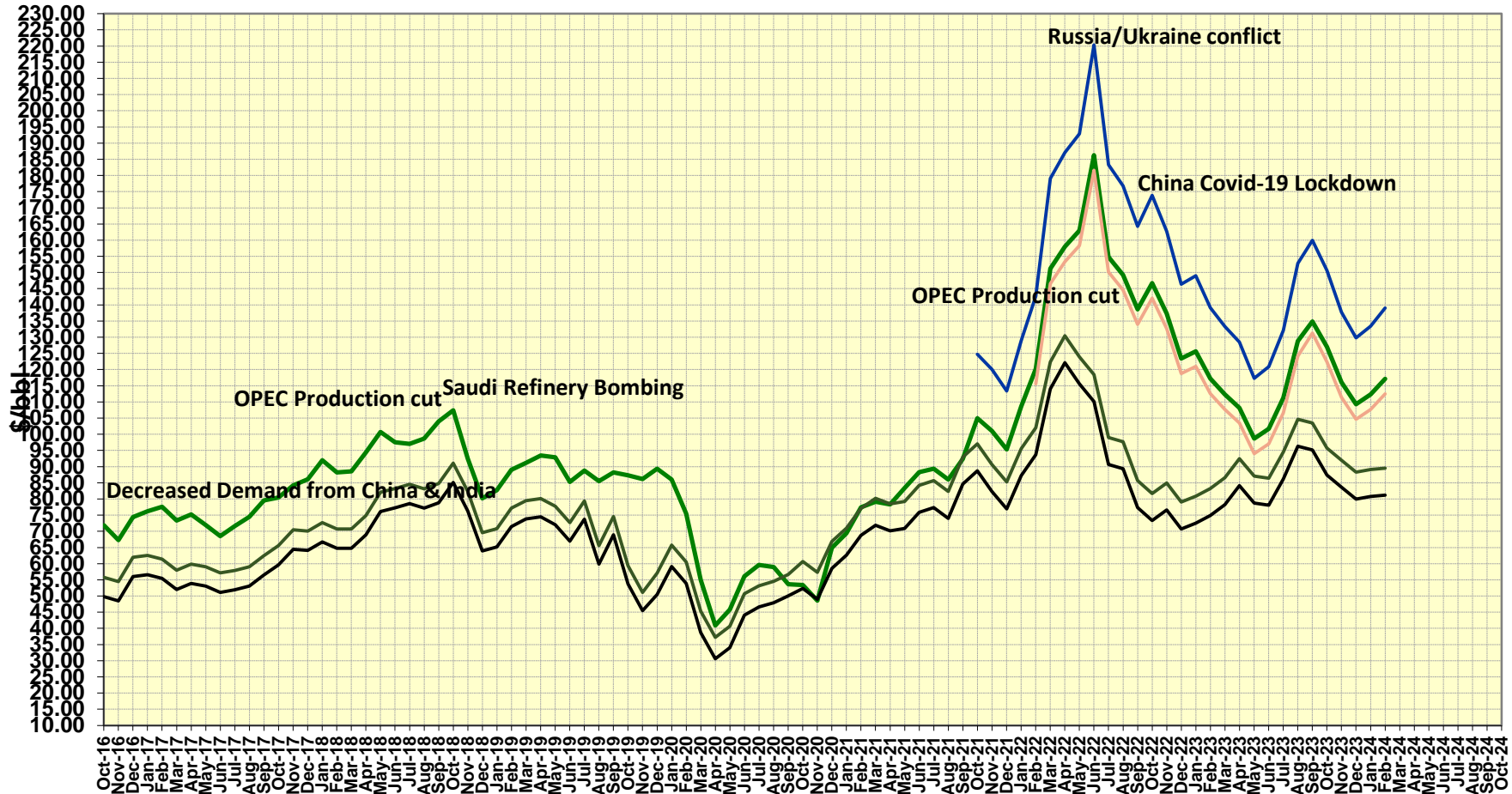


General Manager's Report

3. GPA Fuel Landed Cost (Per Barrel thru 2/16/2024)

ULSRFO 0.2% \$139.05

ULSD Bulk \$112.51



General Manager's Report

4. PUC Update:

GPA Docket - Thursday, February 29, 2024 Regular Meeting

- GPA Docket No. 24-11: Petition of the Guam Power Authority to Approve the Relocation of the Yigo Diesel Generators;
- GPA Docket No. 24-12: Petition of the Guam Power Authority to Approve One Consecutive Two-Year Extension of Residual Fuel Oil (RFO) No. 6 Supply Contract with Hyundai Corporation;
- GPA Docket No. 24-13: Petition of the Guam Power Authority to Approve Extension of Ultra-Low Sulfur Diesel (ULSD) Storage Lease Agreement with Tristar Terminals Guam, Inc.;
- GPA Docket No. 24-14: Petition of the Guam Power Authority to Approve Procurement of Supply of Ultra-Low Sulfur Diesel (ULSD) for Various Power Generating Plant Site Locations; and
- GPA Docket No. 24-15: Petition of the Guam Power Authority to Approve the Award of 20 MW of Temporary Power.

Approved Dockets on January 25, 2024:

- GPA Docket 24-10: Petition to Approve Purchase of Water System Diesel Generators
- GPA Docket 24-08: Petition to Approve the Levelized Energy Adjustment Clause [LEAC]
- GPA Docket 24-06: Petition to Approve Amendment 2 to Hanwha Energy Corporation's Phase II, Renewable Energy Acquisition Power Purchase Agreement

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

- P.L. 37-49 (October - December 2023) had its third and final credits applied on January 22, 2024.
- Bill No. 208-37 (COR) Three-month extension to energy credit program was introduced by Senator William Parkinson on December 1, 2023. *Bill did not make February 2024 session agenda nor has it had a public hearing.*

Guam Homeowner Assistance Fund Program (HAF)

- \$32,354.54 was applied to qualified ratepayer accounts from December 30, 2023 through January 31, 2024, totaling \$2,851,068.12 since program inception. [Batches 81-82]
- *HAF Program has since closed as of January 31, 2024.*

Emergency Rental Assistance Program (ERA)


- \$327,326.53 was applied to qualified ratepayer accounts on December 30, 2023 through January 31, 2024, totaling \$6,719,886.54 since program inception. [Batches 284 – 295]



General Manager's Report

6. Customer Engagement & Community Outreach

- Latest GPA news and updates on projects, energy-saving tips, assistance, Clean Energy Master Plan etc., is broadcasted through print and e-newsletters, social media, advertisements, post on GPA website, and outreach events.
- Generation capacity and potential load shedding schedules (January 2, 2024 and February 1, 2024) effectively shared with customers and residents using SMS, direct email, post on GPA website, media release, social media, village mayors and chat groups.



GUAM POWER AUTHORITY
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FOR IMMEDIATE RELEASE

February 1, 2024

FOR MORE INFORMATION
CONTACT: JOYCE SAYAMA
GPA COMMUNICATIONS MANAGER
PHONE NO.: (671) 648-3145

**Advancements in Procuring Temporary Power Amid Minimal January Outages;
Precautionary 1-Hour Rotating Schedule Extended**

(Fadian, Guam) – The Guam Power Authority (GPA) is committed to keeping the public informed about its



General Manager's Report

6. Customer Engagement & Community Outreach (continued)

- School Outreach: **P.C. Lujan Elementary School Career Day (February 9, 2024).**
 - GPA booth had personnel protective equipment (PPE) and a bucket truck on static display.
 - T&D crew consisting of *Raymond Torres*, *Beau Mesa*, and *Joseph Pereda* demonstrated how to use their safety equipment and how to properly ascend in the bucket truck. Additionally, they discussed their duties and responsibilities as a Lineman.
 - Communications personnel *Joyce Sayama* and *Joleen Cruz* discussed energy-efficiency, power conservation tips, “Beat the Peak” campaign and the different types of renewable energy.
 - *Chanel Jarret* from the Human Resources office discussed some of the careers available at GPA, such linemen, engineers and accountants, etc.
 - A total of 132 students consisting of 51 fifth graders, 61 sixth graders, and 20 from headstart.
 - Students received GPA promotional items such as activity books, crayons and stickers.



General Manager's Report

7. DSM Online Report – January 2024

OVERALL COUNTS

Month	ALL			COMMERCIAL			RESIDENTIAL		
	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates
FY-2022*	696	981	\$ 195,675	7	12	\$ 1,950	689	969	\$ 193,725
FY-2023	5,721	7,990	\$ 1,618,250	67	101	\$ 19,350	5,654	7,889	\$ 1,598,900
Oct-23	416	572	\$ 115,125	7	12	\$ 1,800	409	560	\$ 113,325
Nov-23	450	652	\$ 129,575	4	5	\$ 700	446	647	\$ 128,875
Dec-23	389	557	\$ 111,850	7	10	\$ 1,950	382	547	\$ 109,900
Jan-24	442	603	\$ 125,150	3	3	\$ 2,000	439	600	\$ 123,150
Feb-24									
Mar-24									
Apr-24									
May-24									
Jun-24									
Jul-24									
Aug-24									
Sep-24									
TOTAL	8,114	11,355	\$ 2,295,625	95	143	\$ 27,750	8,019	11,212	\$ 2,267,875

AVERAGES

Month	ALL		COMMERCIAL		RESIDENTIAL	
	Applications	Equipment	Applications	Equipment	Applications	Equipment
As of Jan-24	\$ 283	\$ 202	\$ 292	\$ 194	\$ 283	\$ 202

* 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

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8. New Power Plant Update: GPA Activities

Completed:

- ECA Amendment: Signed on March 17, 2021.
- Resolution on Section 106 process between Navy/SHPO/GPA (cultural process)
- Archaeological Inventory Survey of Ukudu Site
- Cultural Survey for boring scope fuel/water/power project areas (outside of plant)
- Baseline noise study for Piti 41 MW diesel generator plant site.
- Water Supply and Discharge Agreement signed.
- Approval of research design for boring of proposed site in Piti for diesel generator relocation
- Approval of Archaeological Monitoring & Discovery Plan for pipeline construction
- Public Law 36-91 was signed on 4/11/22 for exemption of construction of Reserve Facility in Piti.
- GHPO Concurrence of Section 106 of the bull cart trails
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- Geotechnical boring test report at the Piti site completed.
- GPA approves remaining Phase 5 & 6 construction permits.
- GPA obtains MEC specialist for construction support at Nimitz allowing excavation to resume on Nov. 1, 2022
- GPA obtains easement to avoid Chaot river area near Route 4 in Sinajana for pipeline construction.
- GPA provides notice to Navy of work starting on the bullcart trails along the pipeline route after Navy NEPA process.
- GPA obtains signage requirements for bullcart trails from Navy.
- CCU officially approves cancellation of Reserve Facility.
- Governor visits plant site on Feb. 2, 2023
- GPA obtains GEPA approval for Land Use Control Work Plan.
- GPA met with Mayor Paco and Mayor Sarvares to coordinate bullcart excavation in Harmon and Mongmong-Toto-Maite.
- PUC officially approves cancellation of Reserve Facility.
- GPA reviewed GUP's proposed pipeline construction plan for the Nimitz Hill Steep Section and provided comments to contractor.
- GPA received overview of commissioning plan from GUP commissioning team on Apr. 12, 2023.
- GPA obtains CCU approval for LNG Phase I pending PUC approval
- GPA met with GUP/DUP on Jun 7th, 2023 to discuss the impact of Typhoon Mawar and the actions required to mitigate the damage.
- GPA restored power to Ukudu Power Plant on Jun. 8, 2023.
- Resolved fuel supply configuration issue with GUP on Oct. 24, 2023.
- **GPA and GUP reached an agreement on Dec. 6th, 2023 to establish the new Required Commercial Operation Date (RCOD) for Sep. 30th, 2025.**



General Manager's Report

8. 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.
 - ✓ **Archaeological monitoring is completed for all pipeline work. GPA assessing if further monitoring is required in additional 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 proposal to change fuel pump configuration.
 - ✓ **GPA is assisting DUP with work within Harmon Substation**
 - ✓ **GPA work includes installation of line guards, outage coordination, providing materials, stringing transmission lines, etc.**
 - ✓ **GPA T&D to begin stringing transmission lines by the end of February.**
 - ✓ **Reviewing draft ECA amendment submitted by GUP.**



General Manager's Report

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8. New Power Plant Update: GUP [Contractor] Activities

Typhoon Mawar Restoration:

- DUP structural engineer arrived on island Jun. 7th, 2023 to perform damage assessment.
- Switchgear and HRSG technical advisors arrived on island on Jun. 8th, 2023 to assess extent of the damage.
- GUP is requesting for a 14.5 month extension to the required Commercial Operation Date.
- GUP reviewing treated water tank demolition plan.
- Completed demolition of fire-water tank.
- GUP finalizing decision for MV switchgear repair/replacement.
- Demolition of all damaged ULSD and treated water tanks are completed. DUP has resumed vertical welding of tank walls.
- **2 levels of steel walls is in place for ULSD Tank B and Treated Water Tanks. The 3rd level of steel walls is in place for ULSD Tank A.**

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. 24th, 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
- GUP/DUP presented Route 16 work plan to DPW on Nov. 2nd, 2023.
- GUP/DUP submitted complete package requested by DPW for the Route 16 permit on Dec. 13, 2023.
- **GUP/DUP acquired encroachment permit from DPW to begin work along Route 16. Construction began on Jan. 26th, 2024**
- **GUP submitted draft ECA amendment on Feb. 8th, 2024 for lenders and GPA review**



General Manager's Report

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8. New Power Plant Update: GUP [Contractor] 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 has started on Route 34..
 - **Began construction on Route 16 on Jan. 26,2024**
 - **Excavation began near the Barrigada Post Office on Feb. 12, 2024.**
 - **Construction is ongoing along Route 6 and the above ground section in Nimitz Hill.**

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 completed within Harmon Substation.**
- **Installation of transmission line between Harmon Substation and Ukudu Plant**

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 new COD has been determined by GPA and GUP. Pending ECA amendment and approvals from CCU & PUC.**



General Manager's Report

8. New Power Plant Update: GUP [Contractor] Activities (continued)

Ongoing / Pending: *(continued)*

Transportation Logistics

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



General Manager's Report

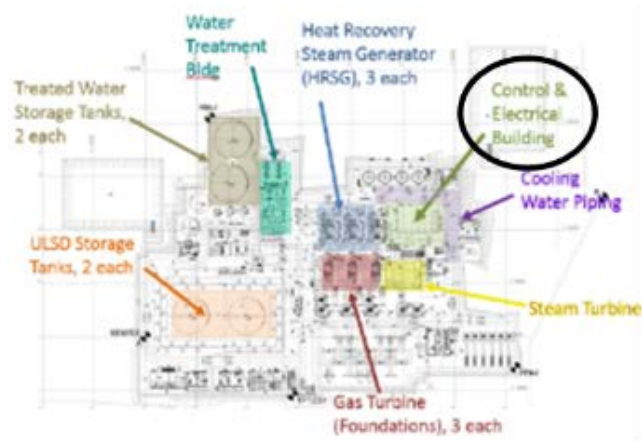
Ukudu Power Plant Construction Status

Plant construction progresses steadily. Major ongoing work includes: Restoration of tank walls for the ULSD and Treated Water tanks, electrical terminations on the GTG units, and construction of STG building.



General Manager's Report

Ukudu Power Plant Construction Status



Control & Electrical Building



Control room floor installation is completed



UPS Battery Systems are now in service

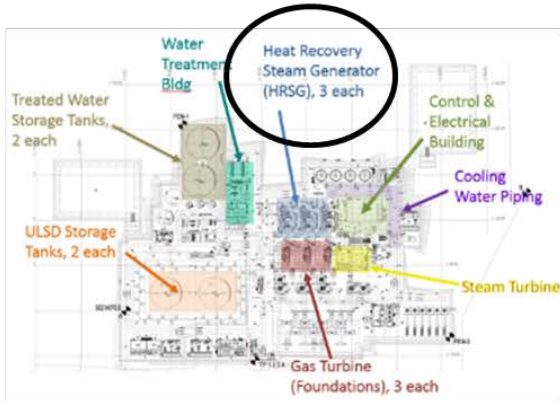


General Manager's Report

Ukudu Power Plant Construction Status

Heat Recovery Steam Generator (HRSG)

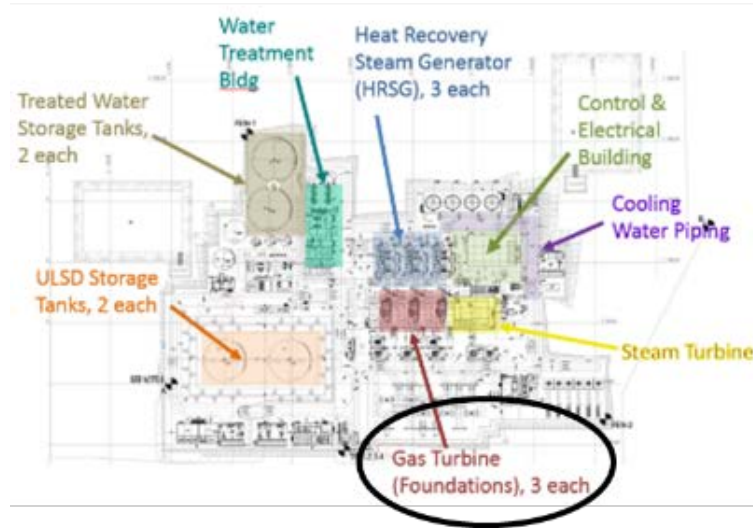
HRSG 1-3: Steel Structure & Drum Installation Work is ongoing



General Manager's Report

Ukudu Power Plant Construction Status

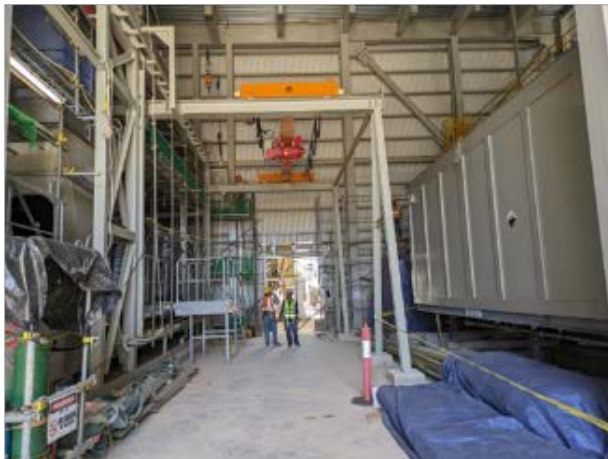
Gas Turbines & Generators



GTG Building – Air intake and piping installation is in progress

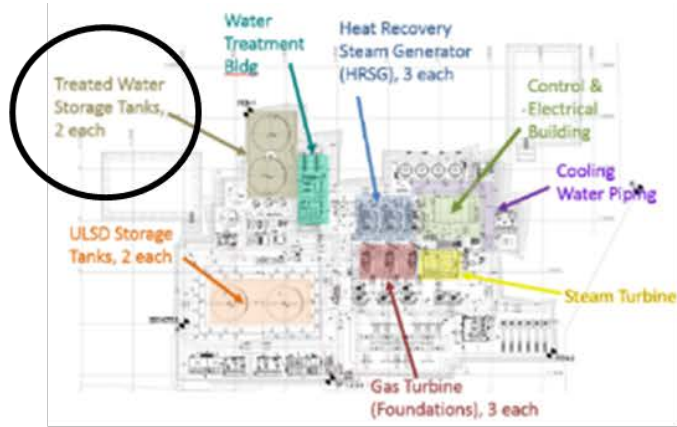


Combustion Turbines 1-3: Electrical terminations are ongoing.



General Manager's Report

Ukudu Power Plant Construction Status



Treated Water Storage Tanks – Restoration of tank walls is in progress.

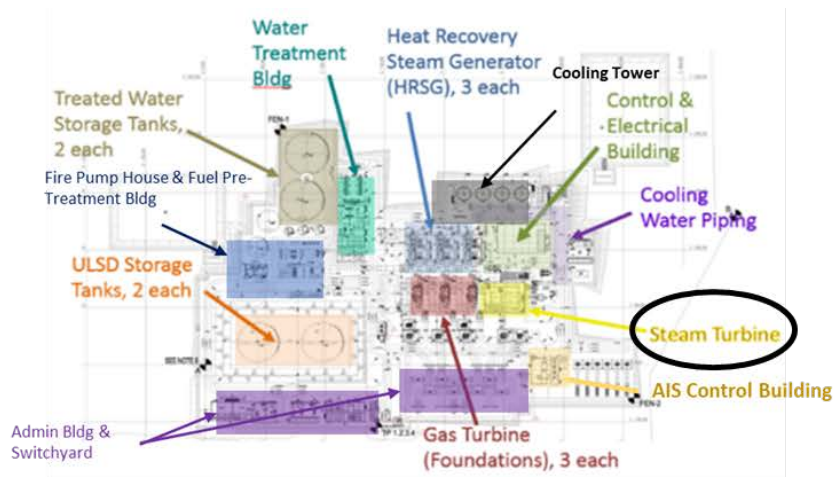


Fire Fighting Tanks – Construction is nearly completed (89%).



General Manager's Report

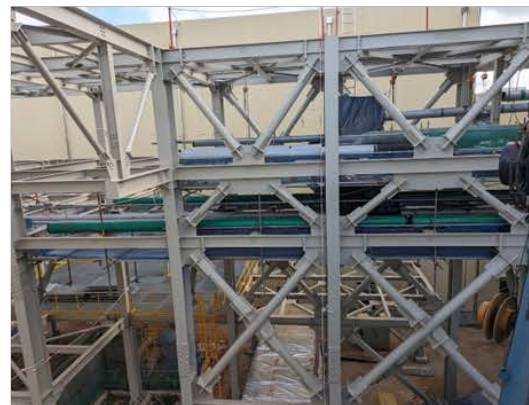
Ukudu Power Plant Construction Status



Steam Turbine & Generator – Piping for STG are currently being set in place

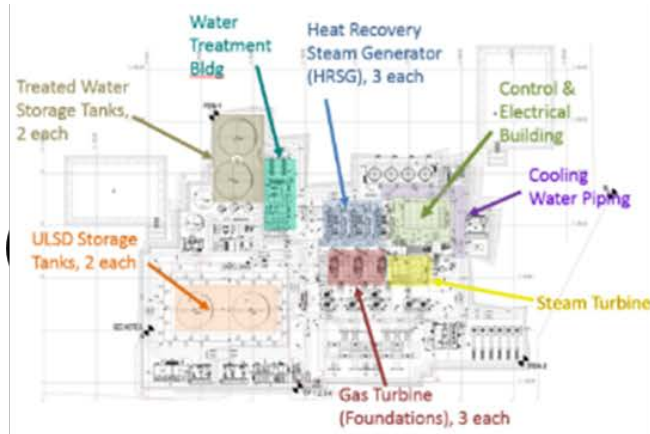


BESS – Foundation work is ongoing



General Manager's Report

Ukudu Power Plant Construction Status

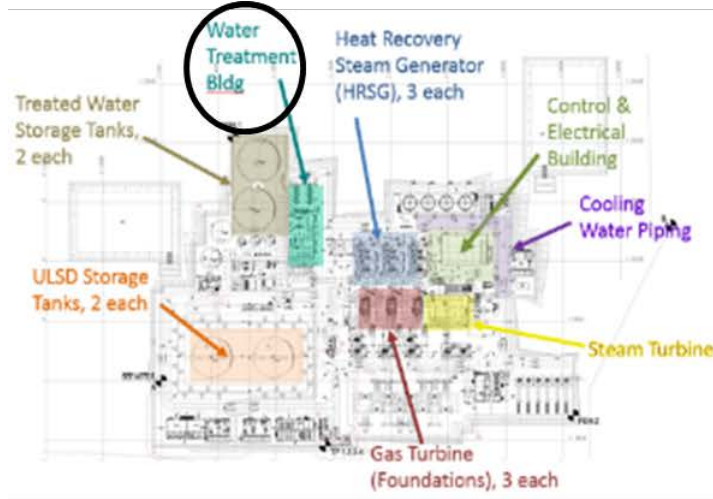


ULSD Storage Tanks – Installation of steel walls is in progress



General Manager's Report

Ukudu Power Plant Construction Status



Water Treatment Building – Equipment installation and setup is ongoing

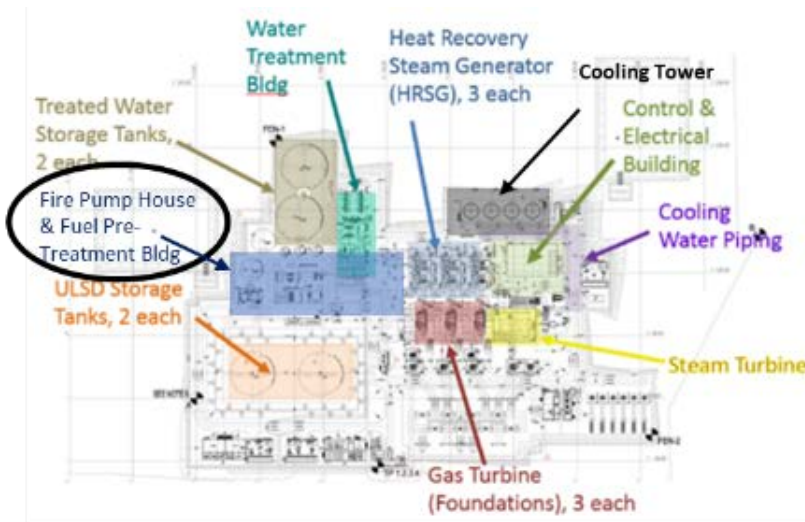


Chemical Dosing Tanks are in place



General Manager's Report

Ukudu Power Plant Construction Status



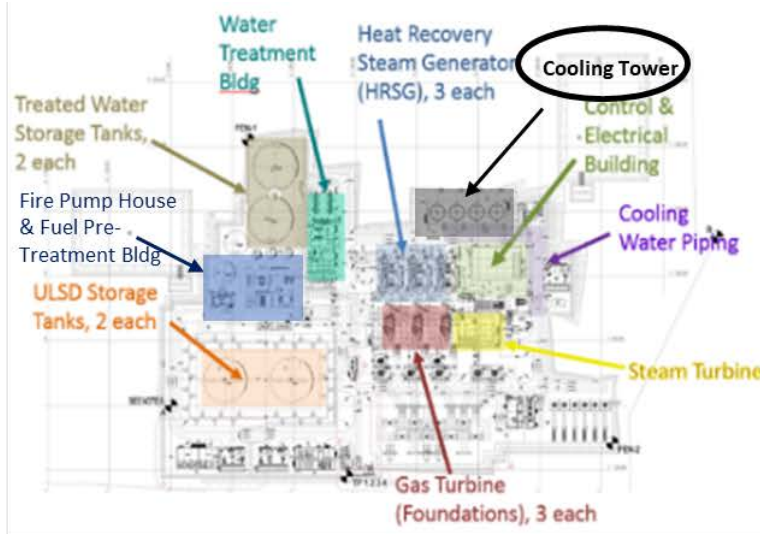
Fire Pump House— Fire pump house is nearly completed

Fire fighting pumps are in place



General Manager's Report

Ukudu Power Plant Construction Status

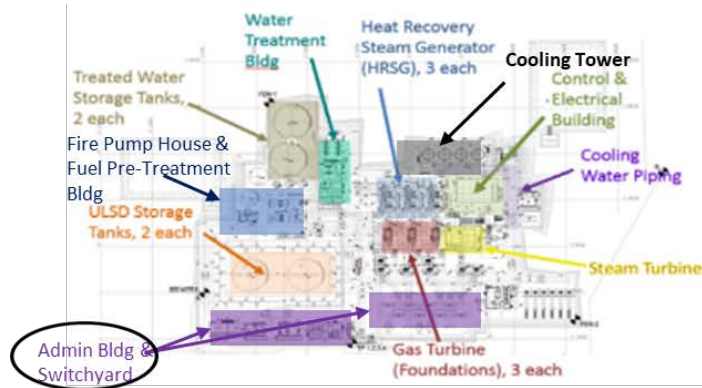


Cooling Tower & Basin – FRP structure assembly is in progress



General Manager's Report

Ukudu Power Plant Construction Status



Switchyard – Cable pulling and termination is ongoing



Switchyard Building – Floor is in place. Control room equipment is being set in place



General Manager's Report

Fuel Pipeline Construction Status



General Manager's Report

Fuel Pipeline Construction Status

1. Sinajana/Chaot area

Pipeline installation east of Chaot Bridge is in progress.



2. Barrigada

Excavation is ongoing at the Barrigada Post Office



General Manager's Report

Fuel Pipeline Construction Status

3. Nimitz Hill

Above ground pipeline installation is in progress.



4. Rt 8 (Tiyán) to Post Office

Route 8 road crossing is nearly completed. Pipeline installation along the shoulder of the road is ongoing



General Manager's Report

Fuel Pipeline Construction Status

5. Nimtiz Hill- Rt 6 to Piti

Sand bedding and flowable fill pouring is in progress.



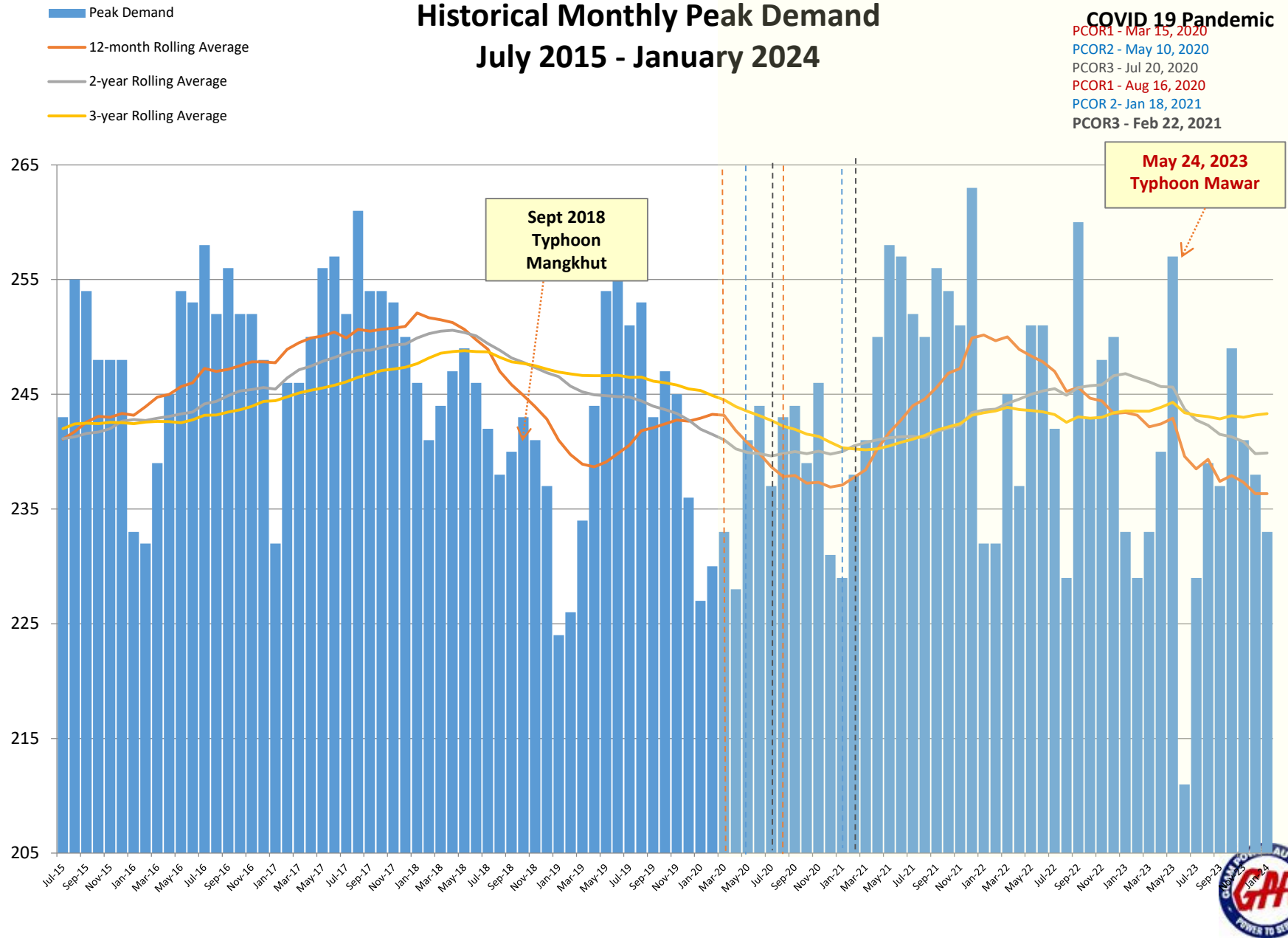
6. Route 16

Excavation and pipeline installation is ongoing.



Generation KPIs January 2024





Historical KWH Sales Jan 2020 - Jan 2024

COVID 19 Pandemic

PCOR1 - Mar 15, 2020

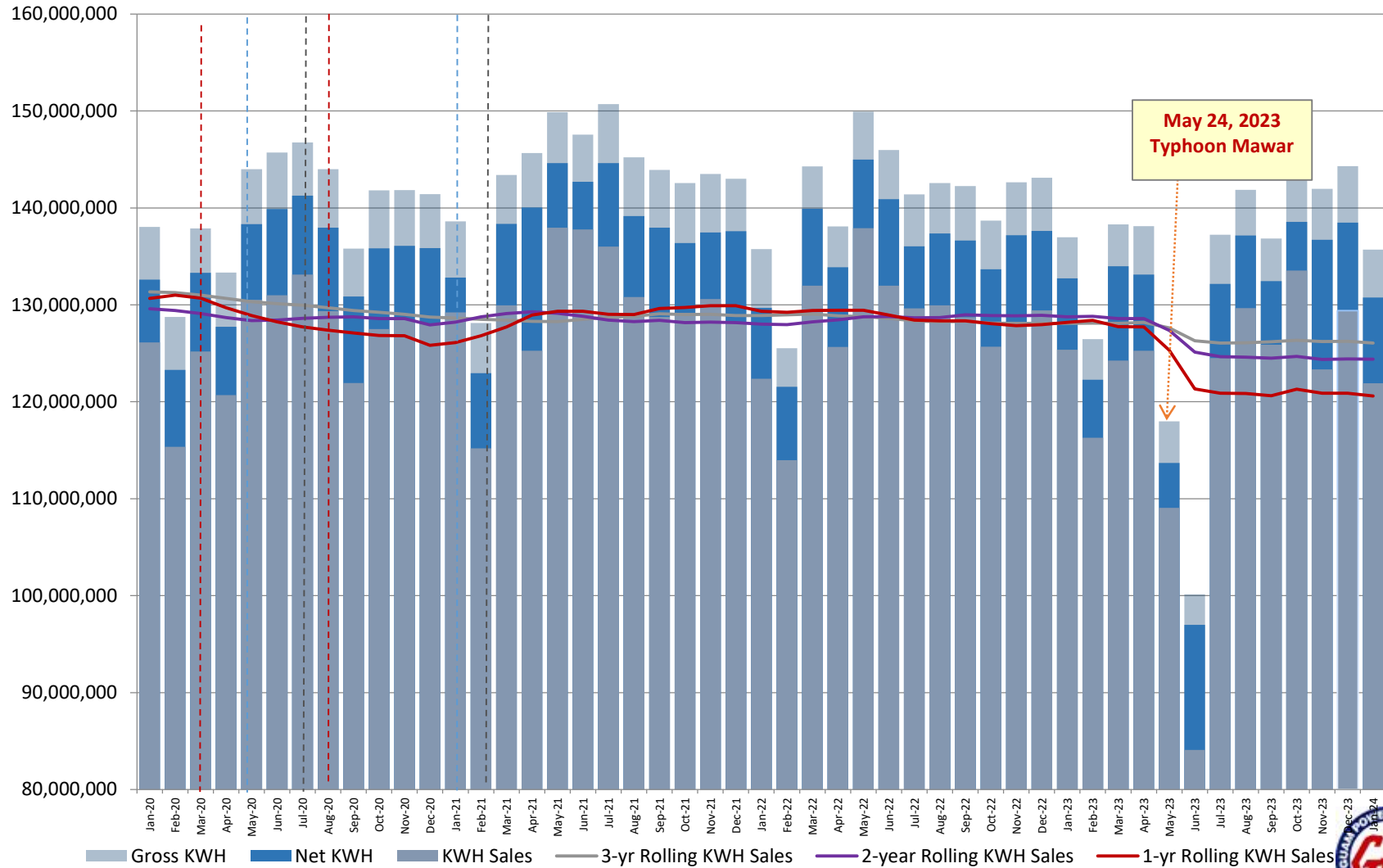
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

PCOR1 - Aug 16, 2020

PCOR 2 - Jan 18, 2021

PCOR3 - Feb 22, 2021



Gross and Net Generation (KWH) Jan 2020 - Jan 2024

COVID 19 Pandemic

PCOR1 - Mar 15, 2020

PCOR2 - May 10, 2020

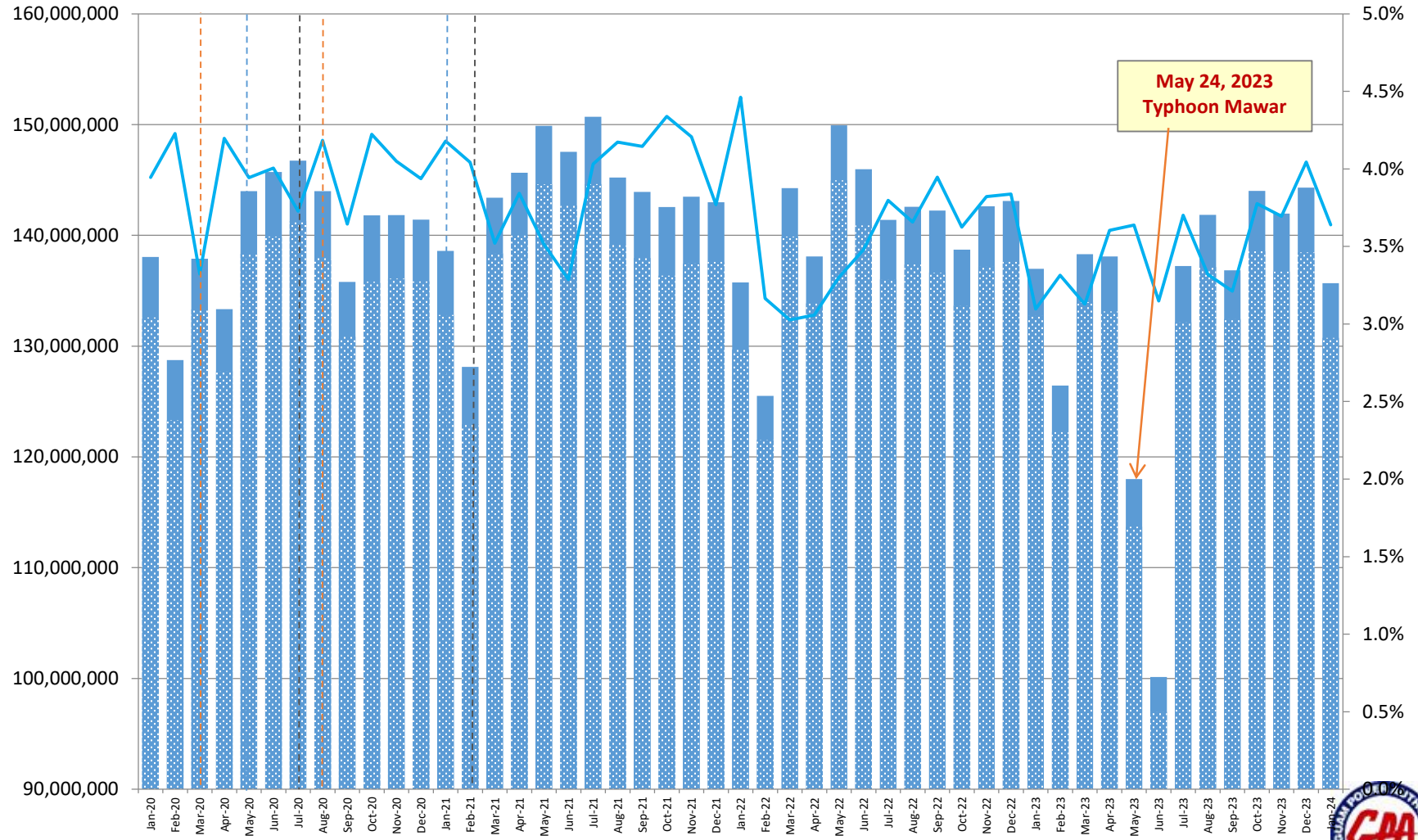
PCOR3 - Jul 20, 2020

PCOR1 - Aug 16, 2020

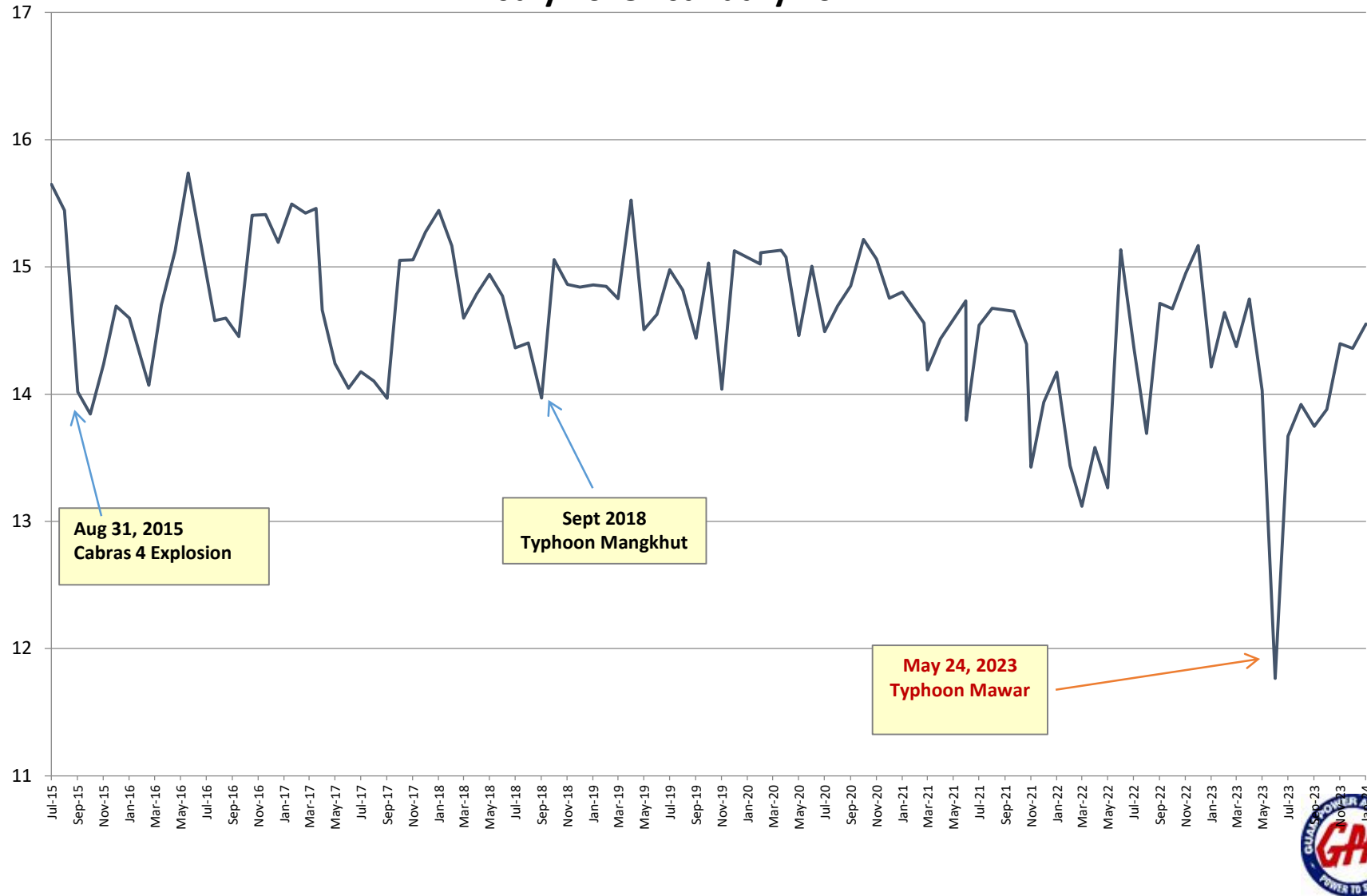
PCOR 2 - Jan 18, 2021

PCOR3 - Feb 22, 2021

■ Gross KWH ■ Net KWH — % Station Use



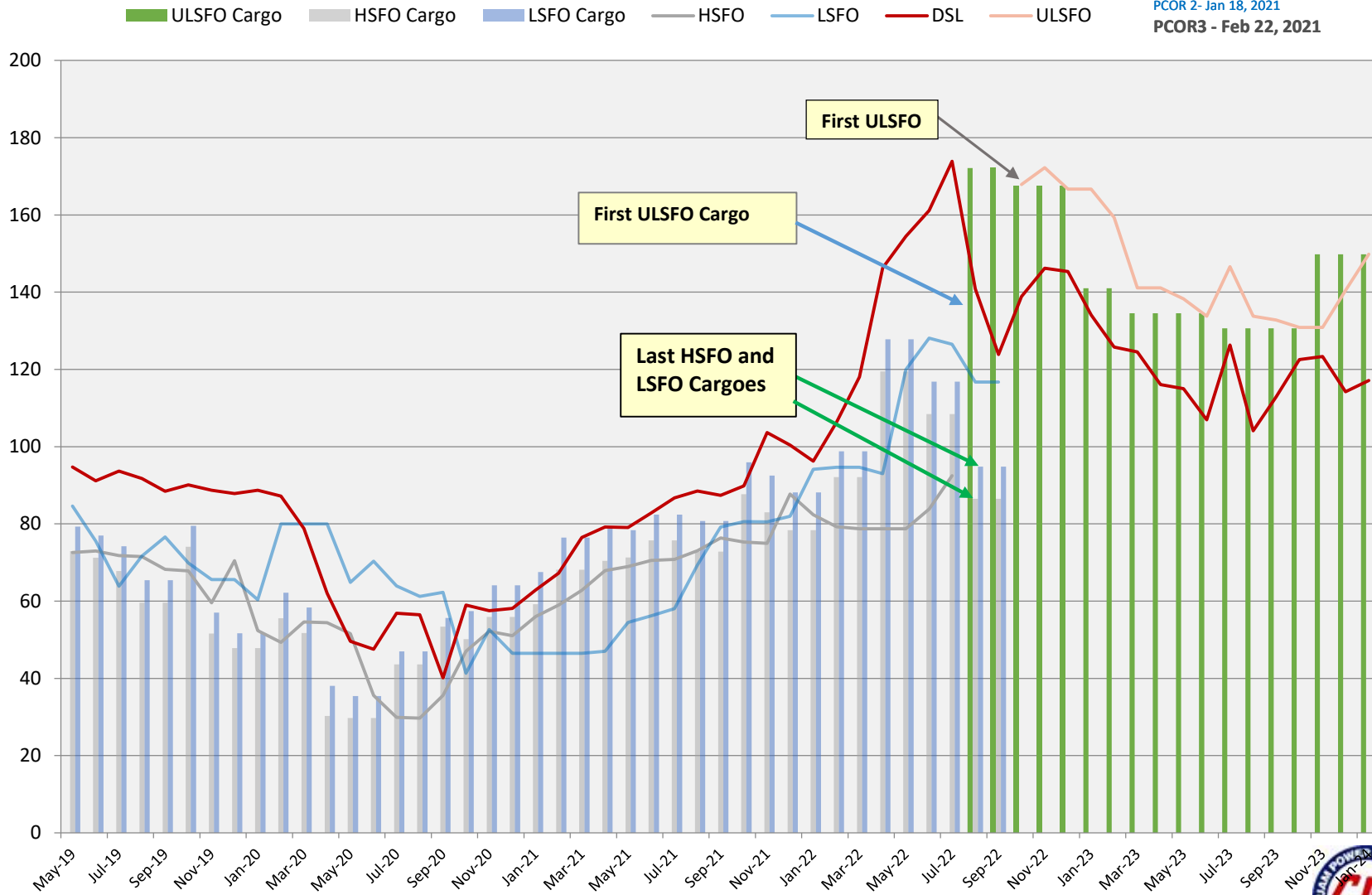
SYSTEM GROSS HEAT RATE (KWH/Gal) July 2015 - January 2024



Fuel Cargo and Fuel Consumption Costs (\$/bbl) May 2019 - Jan 2024

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



E&TS Divisional Report Summary

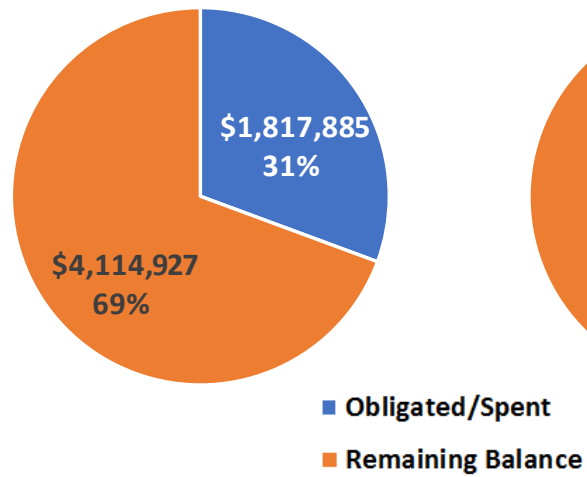
January 31, 2024

Contents

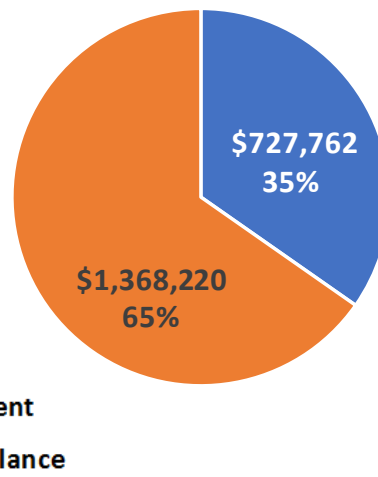
- E&TS Budget Execution Performance
 - O&M Contract Budget
 - CIP Budget
 - DSM Budget
- Environmental Compliance (SPCC and BMP Inspections)

E&TS Budget Execution Performance

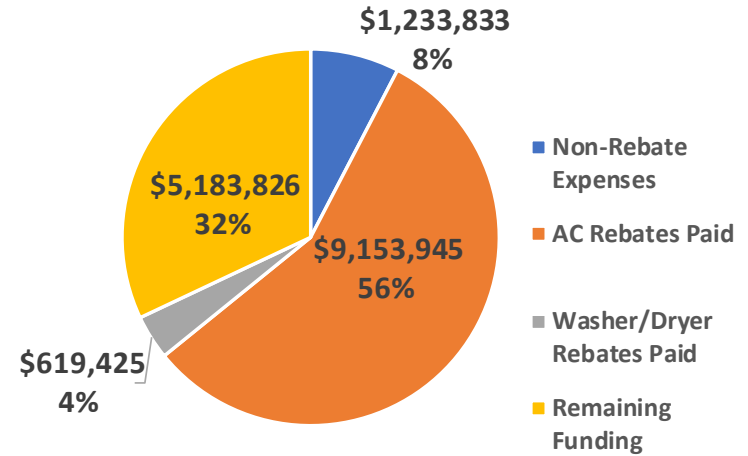
E&TS O&M Contract Budget



E&TS CIP Budget



OCT 2016 to SEP 2023 DSM EXPENSE SUMMARY

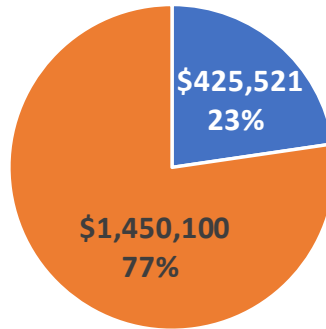


*Pending DSM & ENG updates

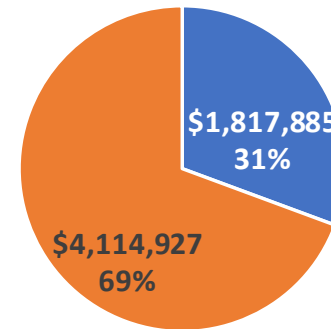
ENG O&M Contract Budget

\$- 0%

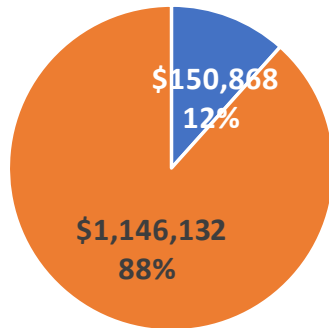
SPORD O&M Contract Budget



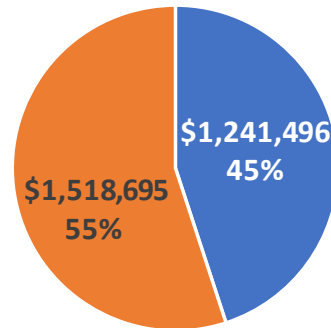
E&TS O&M Contract Budget



P&R O&M Contract Budget



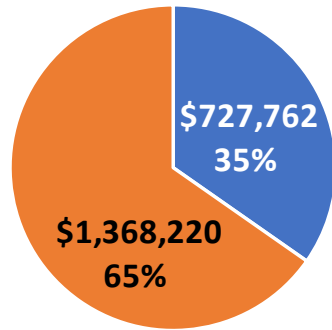
IT O&M Contract Budget



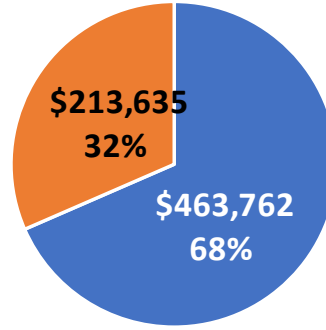
■ Obligated/Spent
■ Remaining Balance

*Pending ENG updates

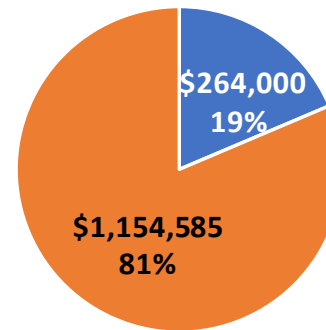
E&TS CIP Contract Budget



SPORD CIP Budget



IT CIP Budget



■ Obligated/Spent
■ Remaining Balance

FY 2024 Procurement Status

Business Unit	Current Type				Current Status			Planned				
	RFP	Bid	Multistep Bid	Total	Resolicited	QBL Established	Evaluation Completed	Award/NTP	RFP	Bid	Multistep Bid	Total
SPORD	3	1	2	6	1	1	4	1	8	4	3	15
Engineering				0								0
SPORD/Engineering				0								0
IT	1			1					1			1
P&R	2		1	3		1	1					0
				0								0
Total	6	1	3	10	1	2	5	1	9	4	3	16

* Pending ENG updates

Environmental Compliance

P&R Inspections Status Ending January 31, 2024

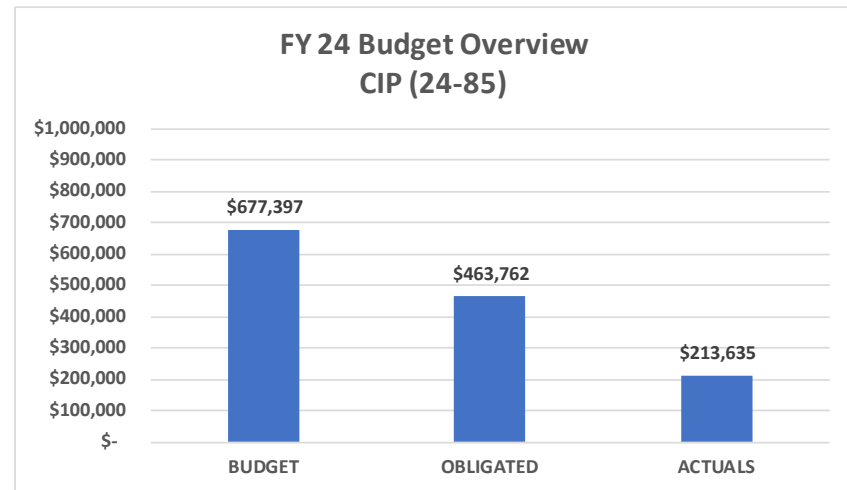
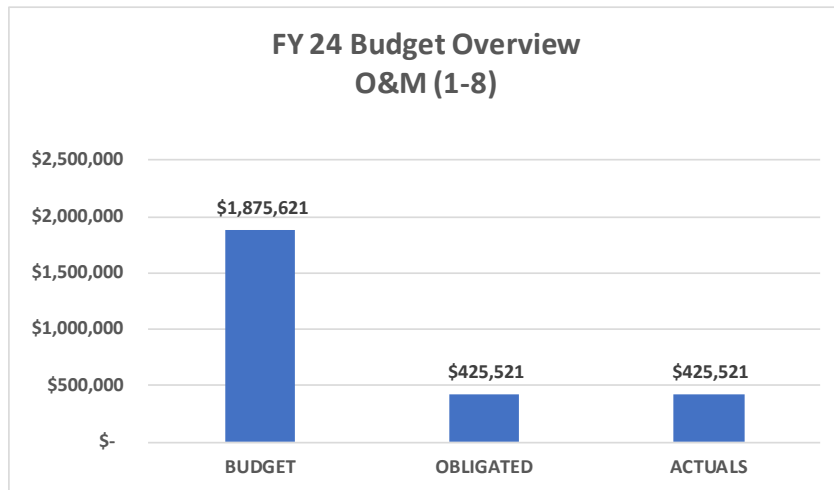
Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	6
		Remediations Past Due	37
		Remediations Not Past Due	2
	T&D	New Violation Notifications Issued	2
		Remediations Past Due	0
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	1
		Remediations Past Due	8
		Remediations Not Past Due	3

- SPCC rule purpose is to help facilities prevent oil discharges into navigable waters or adjoining shorelines
- BMP refers to a type of auxiliary pollution controls in the fields of industrial wastewater control and municipal sewage control, storm water management, and wetland management

SPORD CCU Report

January 31, 2024

SPORD FY 2024 Budget Status



**O&M excludes DSM & Major Contracts (IPP, PPA, Fuel). CIP includes EPCM contract costs.*

SPORD FY 2024 Budget Status

- Major Contracts (Non-O&M)

Contract Description	Budgeted Amount	Committed Amount	Actuals	PO Balance
Fuel Contracts	\$ 373,188,397	\$ -	\$ -	\$ -
MEC IPP (Piti 8&9)	\$ 19,287,477	\$ -	\$ -	\$ -
Glidepath & KEPCO Contract (Renewables)	\$ 18,039,603	\$ -	\$ -	\$ -

**Updated as of 09/30/23*

PROCUREMENT ACTIVITIES

PENDING AWARD / NTP

Responsible	PROJECT	Description	CCU Date Approved (Resolution No.)	PUC Date Approved (Docket No.)	Projected Start*	Projected Completion	Status
SPORD (ANF)	FUEL	RFO Inspection & Testing Services Contract	N/A (<\$1M)	N/A (<\$1M)	12/1/2023	7/31/2025	Awaiting NTP
SPORD (ANF)	FUEL	Bulk ULSD Supply Contract	2024-04	24-05	12/1/2023	4/1/2024	Awaiting Award

ONGOING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (LOS/JTL)	PLANNING SOFTWARE	Utility Resource Planning Software (CIP)	RFP	GPA-RFP-22-004	FY 2023	6/23/2022	Price Proposal evaluation and negotiation with 2nd proponent are on-going. Requested Best and Final Offer.
SPORD(CNC)	MWMS	Clevest Mobile Workforce Management Software Services	RFP	GPA-RFP-22-006	11/1/2022	12/2/2022	Awaiting Vendor price proposal
SPORD(JUM)	SCADA	DNP3 Secure Authentication Services	RFP	GPA-RFP-22-007	8/11/2022	11/14/2022	Awarded to Closedloop Communications, Inc.. Pending Contract Review
SPORD (LOS/JTL/MNM)	SOLAR CANOPY	Installation of Solar Canopy at Fadian Public Parking Area	MS Bid	MS GPA-042-22	8/9/2022	1/5/2024	Bid submittal due date was 1/5/24. No bids received. Preparing re-bid documents.
SPORD (LOS/JTL/MNM)	RENEWABLES	Phase IV Renewable Resource Acquisition	MS Bid	MS GPA-012-23	12/1/2022	10/2/2023	Opening of Price Proposals was on 12/20/23 with 5 bidders submitting bids for 11 sites. The System Impact Study begin in February for all 11 sites.
SPORD (ANF)	FUEL	Bulk ULSD Supply (Oceantanker delivery)	MS Bid	MS GPA-040-23	6/8/2023	10/18/2023	Solicitation in progress Step 1 (Technical Proposal) completed Step 2 (Price Proposal) completed Step 3 Approved for Award by CCU (10/31/23) & PUC (11/30/23) Step 4 Awaitig NTP
SPORD (BSN/FJI/LOS)	TEMPORARY POWER	Temporary Power Services	Notice of Interest - Emergency Procurement	None	12/12/2023	12/18/2023	Final proposal accepted on 1/23/24. CCU approval received 1/23/24. Pending contract finalization and PUC approval.

DEVELOPING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Projected Start	Projected Completion	Status
SPORD (LOS/JTL)	ESS	Standby Generator & Automatic Transfer Switch for Talofoto ESS	RFP	FY 2025	FY 2026	RFP package pending, need management approval prior to submittal to PMM for advertisement.
SPORD (LOS/JTL/MNM)	IPP/PMC	Piti 8&9 PMC	MS Bid	Cancelled		PUC approved contract extension on March 30, 2023 (Docket No. 23-11). Finalizing contract amendment.
SPORD(CNC)	OMS	Milsoft OMS (Outage Management System-DisSPatch) Software Service	RFP	FY 2024	TBD	Submitted RFP Documents to Procurement for processing
SPORD(CNC)	Engineering Analysis	Milsoft WinidMil (Engineering Analysis) and WindMilMap (Geographic Circuit Model Editing) Software Services	RFP	FY 2024	TBD	Submitted RFP Documents to Procurement for processing
SPORD(CNC)	Tier II	HITACHI WIRELESS MESH NETWORK SERVICES	RFP	FY 2024	TBD	Submitted RFP Documents to Procurement for processing
SPORD(CNC)	Tier II	GPA TIER II WIRELESS MESH NETWORK EQUIPMENT SERVICES	RFP	FY 2024	TBD	Submitted RFP Documents to Procurement for processing
SPORD(JUM)	TIER III	Landis+Gyr Software and System Services	RFP	FY 2024	TBD	Submitted RFP Documents to Procurement for processing
SPORD(JUM)	TIER III	Landis+Gyr Advanced Meter Infrastructure Equipment	RFP	FY 2024	TBD	Submitted RFP Documents to Procurement for processing
SPORD(HJC)	DSM	DSM Application Processing Services	Bid	TBD	TBD	Submitted RFP Documents to Procurement for processing
SPORD (ANF)	FUEL	ULSD Supply (Roadtanker Delivery)	MS Bid	Mar-24	Oct-24	Developing Scope of Work & IFB Documents
SPORD(JUM)	Renewable	Solar Irradiance (Solar Monitoring)	Bid	FY 2024	TBD	Developing Specifications
SPORD(CNC)	Tier II	Solar Wraps	Bid	FY 2024	TBD	Developing Specifications
SPORD(CNC)	GIS	Street View Mapping	RFP	FY 2024	TBD	Developing Specifications
SPORD(JUM)	DSM	Home Area Network Devices	Bid	FY 2024	TBD	Developing Specifications
ANF	FUEL	Diesel Supply to Tenjo Vista	MS Bid	TBD	TBD	CCU (Resolution 2020-02) and PUC (Docket 20-07). For solicitation.

PROJECT ACTIVITIES

No.	Project Description	January 2024 Activities	Status / Est. Completion	RFP/Bid No
1	Energy Storage System (Phase I)	Annual maintenance completed Jul/Aug 2023. Weekly, monthly, quarterly and half-yearly maintenance inspections for the Agana and Talofoto ESS sites are on-going. Review of reports are on-going. Novation Agreement to transfer contract to SJ Dooall signed on 2/1/24.	O&M phase ongoing.	MS Bid GPA-082-15
2	Renewable Energy Resource Phase II	The amendments were approved by the PUC late January.	New Hanwha's COD Target will be determined after PUC approval	MS Bid GPA-070-16
3	New Power Plant Bid (EPCM)	<p>Progress includes:</p> <ul style="list-style-type: none"> - Overall project progress is about 79.66% as of December 31 2023. - GPA and GUP agreed to a Commercial Operation Date of September 30th, 2025. - GUP submitted draft ECA amendment which includes the new Required COD, removal of the reserve facility, adjustment to FCC, etc. - Pipeline construction is ongoing along Rte. 6, Rte. 8 road crossing, Piti tank farm, and the above ground sections at Nimitz and Chaot. Construction along the first segment of Rte. 16 is ongoing and began on 1/26/23. - Construction at the plant is ongoing but delayed due to Typhoon Mawar. Major ongoing work includes restoration of the demolished ULSD and treated water tanks, construction of the BESS control building foundation, and terminating in the AIS building. - There are 2 level of steel walls on ULSD Tank B and both Treated Water Tanks. The 3rd level of steel walls is currently being installed on ULSD Tank A. - Pole installation for connection between Harmon Substation and the Ukudu Power Plant is ongoing - Design drawings review ongoing. <p>LNG:</p> <ul style="list-style-type: none"> -EPCM updated the initial proposal for Phase I of LNG project. Phase I of LNG project has been approved by the PUC and CCU. 	ECA Project COD - Target: September 30th, 2025	MS GPA-034-18
4	DSM Marketing	Contract in placed. Currently supporting UOG CIS 2024 preparations, communication plan for EnergyX phase 2, commercial account rebates outreach and school events outreach.	Continuous	
5	DSM Rebate Program	Processed more than 540 applications for rebates totaling \$162K in the reporting period	Continuous	
6	Wireless Network Expansion	1. Testing Sim card Router communications completed - Pending GPA network connection	Dec-24	GPA-RFP-19-010
7	Smartworks MDM and Eportal	<ol style="list-style-type: none"> 1. Data Migration from Oracle to Postgres Planned - Production and Databased servers provisioned. 2. GPA allocating storage spce for migration 2. Integration to MV90 requirements gathering ongoing 	Sep-24	GPA-RFP-19-007

PROJECT ACTIVITIES

No.	Project Description	January 2024 Activities	Status / Est. Completion	RFP/Bid No
8	GDOE BEST Schools	<p><u>2019 DOI Award Projects:</u></p> <ul style="list-style-type: none"> - Southern HS Proposal Approved 6/27/2023 - Southern HS Mat'l submittal approved 10/2/23 - Mat'l delivery expected Jan'24 - Parking lot lighting construction begins 1st week of February'24 <p><u>2021 DOI Award Projects:</u></p> <p>University of Guam LED Lighting Upgrades, HVAC Controls, and Solar PV (\$1.29M);</p> <ul style="list-style-type: none"> - UOG project kick-off meeting conducted July, 2022 - UOG Lighting walk thru on 7/20/23. - Solar+BESS substantial completion walkthrough 10/19/23 - PV punchlist completed 11/2023, BESS commissioning ongoing <p>Tamuning Elementary LED lighting and Solar PV (\$154k)</p> <ul style="list-style-type: none"> - TES NEPA compliance review complete. GPA received ATP from DOI on 12/9/2022. - GPA approved Siemens Proposal on 3/16/23 - GPA, GDOE, Siemens coordination meeting 8/25/23 - Pending Mat'l submittal - Mat'l submittal approved 10/2/23 - TES Mat'l delivery expected Jan'24 - Lighting retrofit construction started January 29. Est. completion 1st week Feb'24 <p><u>2022 DOI Award Project:</u></p> <p>Ordot Chalan Pago Elementary School LED+PV Project</p> <ul style="list-style-type: none"> - Siemens conducted Lighting and Solar/BESS audit week of 12/7/2022. - NEPA Compliance Documentation Complete - GPA received NTP from DOI for OCP Elementary School Project on 3/28/23 - Ordot Proposal Approved 6/27/2023 - GPA, GDOE, Siemens coordination meeting 8/25/23 - Pending Mat'l submittals - OCP Lighting Mat'l submittal approved 11/23 - Lighting Mat'l delivery expected Jan'24 - Lighting retrofit begins 2nd week of Feb'24 - Pending design submittal for PV+BESS 	<p style="text-align: center;">Est. Completion: Sep. 2024</p>	<p style="text-align: center;">GPA-RFP-16-013</p>

PROJECT ACTIVITIES

No.	Project Description	January 2024 Activities	Status / Est. Completion	RFP/Bid No
9	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	Substation update reports for 6 Substations - (ApraHeights, Dededo, Harmon, Pagat, SanVitores, Yigo) 1. Distribution Model Corrections submitted for L+G Revision 2. FCI and Switch Placement submitted for L+G Revision 3. Load Flow Studies - GPA 2nd Round Reviewed - Completed 4. Voltage Analysis submitted for L+G Revision 5. Demand Response submitted for L+G Revision 6. Volt/Var Optimization - for L+G Revision 7. Conservation Voltage Reduction - for L+G Revision 8. DER - L+G working on Additonal 4 Substation reports ongoing (Agana, Barrigada, Pulantat, Talofoto)	Continuous	RE-SOLICITATION GPA-RFP-19-002
10	MEC Piti & #8 and #9 - ECA Extension	Contract Extension commenced 12:01 PM January 29, 2024. Recapitalization Projects reconciled and monthly payment amount was adjusted. Inspection of completed Recapitalization Projects is in progress. Pending determination of penalty fees.	IN PROGRESS	(N/A)
11	EV Infrastructure	Fast charge station scope for Mangilao offices. Developing fast charge station scope for Mangilao offices.	On-Hold	
12	Utility Energy Services Contract (UESC)	UOG Phase I Project - substationally completed. Punchlist work ongoing. UOG Grant Funded Project - substationally completed. Punchlist work ongoing. Navy PA - finalizing the ECMS scopes	UOG Phase I Project - Projected to be completed by March 31, 2024 UOG Phase I Project - projected to be completed by the December 2023. Navy PA - No completion schedule is issued.	
13	GPA Fuel Farm New ULSD Pipeline & Pumps to Piti 7/8/9	c/o Engineering Project Mgt. ULSD Pipeline to MEC 8&9 completed in June 2022. Final connections to the bulk storage tanks 1934 & 1935 will be done after tank inspections and repairs.	Project Timeline: Estimated Start: Jan 2020 Est. Completion: Dec 2021-Dec 2023	IFB GPA-027-19

PROJECT ACTIVITIES

No.	Project Description	January 2024 Activities	Status / Est. Completion	RFP/Bid No
14	Tk 1934 & Tk1935 API 653 Internal Inspection	c/o Engineering Project Mgt. Implementation in progress. Delays were experienced for Tank 1935 due to COVID and sludge processing however the total project schedule may still be within the projection completion date. Tk1934 refurbishment to follow.	Project Timeline: Estimated Start: Feb 2020 Est. Completion: May 2024 (Tk1935) Est. Completion: May 2025 (Tk1934)	IFB GPA-028-19
15	Milsoft Systems Software Services	1. Integration of SEL Device to OMS ongoing - RFP documents being processed at PMM	Continuous	GPA-RFP-18-003
16	MV90 Integration Services	1. Gathering requirements for MDMS integration	Mar-24	GPA-RFP-18-001
17	GPA Fuel Farm- OWS Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and refurbishment. Implementation in progress	Project Timeline: Estimated Start: Feb 2020 Est. Completion: May 2024	IFB GPA-028-19
18	GPA Fuel Farm- LD System Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and refurbishment. Implementation in progress	Project Timeline: Estimated Start: Feb 2020 Est. Completion: Dec 2024	IFB GPA-028-19
19	Utility Resource Planning Software RFP.	Technical Proposals evaluated in August 2022. Price Proposal Evaluation on-going and pending price proposal negotiation with 2nd proponent. Requested Best and Final Offer.	Planned Completion: January 2024	GPA-RFP-22-004
20	Power System Analyses and Studies	Contract was extended for two years and now expires 1/20/2025.	Estimated Start: TBD Est. Completion: TBD	GPA-RFP-19-001
21	GPA Fuel Farm Mgt Contract	Contract awarded to Supreme Group Guam LLC. Approved by CCU (Resolution 2023-14) and approved by PUC (Docket 23-14) Contract Term: 3 years base period w/ 2 years extension option	3-year base period: 10/01/23-09/30/26	MS IFB GPA-015-22
22	Bulk RFO Supply for Baseload Plants (by Oceantanker)	Contract awarded to Hyundai Corporation Contract Term: 3-year base period: 09/01/20 to 08/31/23 w/ 2 Year Extn Option GPA received first shipment of 0.2% RFO for Cabras 1&2 consent decree compliance in September 2022.	3-year base period: 9/1/2020-8/31/2023. 1st Year Extension: 09/01/2023-08/31/24	MS IFB GPA-050-20

PROJECT ACTIVITIES

No.	Project Description	January 2024 Activities	Status / Est. Completion	RFP/Bid No
23	Bulk Diesel Supply (by Oceantanker)	Notice of Intent to award was set to Hyundai Contract Term: 3-year base period: 03/01/24 to 02/28/27 w/ 2 Year Extn Option	3-year base period: 3/1/2024-2/28/2027	MS IFB GPA-040-23
24	RFO Inspection Services Contract	Contract awarded to Intertek Testing Services (ITS) Guam ContractTerm: 2-year base period w/ 3 Year Extn Option	3-year base period: 6/1/2018-5/31/2021 1st & 2nd Year extension: 6/1/2021 thru 5/31/2023	MS IFB GPA-014-18
25	RFO Testing Services Contract	Contract awarded to SGS Guam ContractTerm: 2-year base period w/ 3 Year Extn Option	2-year base period: 9/1/2020-8/31/2022 1st Year extension: 9/1/2022-5/31/2023	MS IFB GPA-013-20
26	DSM Digitization	Pending a new contract or contract renewal to upgrade applications and to accept expanded Large Commercial, Government, Inactive, and Prepaid applicants.	Project Start: Sep 2020 Completion: 8/17/2022 Contract Renewal: TBD	TBD
27	Diesel Supply (by Roadtanker)-except Tenjo Vista & WSD	Resolution 2021-09 passed by CCU. PUC approved GPA Docket 21-09 (3 consecutive year extension.	2-year base period: 01/01/19-12/31/21 3-Yrs extension: 01/01/22-12/31/24	MS IFB GPA-008-18
28	Diesel Inspection & Testing Services Contract	Contract awarded to Intertek Testing Services Guam ContractTerm: 2-year base period w/ 3 Year Extn Option	3-year base period: 12/01/21-11/30/24 2-Yrs extension: 12/01/24-11/30/26	MS IFB GPA-046-21
29	AGMETS Grant Support	BIL – STATCOM Grant Support		
30	Renewable Energy Resource Phase IV	Opening of Price Proposals was on 12/20/23 with 5 bidders submitting bids for 11 sites. The System Impact Study begin in February for all 11 sites.	Est. Completion: 2026	MS GPA-012-23
31	Fadian Parking Lot Solar Canopy	Bid submittal due date was 1/5/24. No bids received. Preparing re-bid documents.	Est. Completion: 2024	MS GPA-042-22
32	Piti 8&9 PMC	PUC approved contract extension on March 30, 2023 (Docket No. 23-11).	Est. Completion: 2024	
33	MEC Piti &8 and #9 ULSD Conversion	ULSD Conversion CIP completed in July 2022 for Piti 8 and September 2022 for Piti 9. Payment for ULSD conversion change order #2 and meter change order will be covered under the recapitalization payments. Meter replacement and pipeline modification completed. Final invoice from MEC under ULSD Conversion project submitted and paid.	Completed: September 2022 Punch list finalization completed	(N/A)

PROJECT ACTIVITIES

No.	Project Description	January 2024 Activities	Status / Est. Completion	RFP/Bid No
34	Remote Site Communications	1. Talofoto Diesel Communications - Survey and Design ongoing 2. TEMES MEC - Survey and Design ongoing 3. Piti GIS and Substation -- Survey and Design ongoing 4. Substation Building-- Survey and Design ongoing	Continuous	
35	LEAC/Fuel Projections	Latest LEAC projection completed by Brian.	Continuous	
37	Home Area Network	Requisition for 100 devices submitted to PMM	December-23	
38	Street View GIS	Developing Project Plan	July-24	
39	Solar Irradiance	Requisition created pending PMM	June-24	
40	Milsoft WindMilMap Implementation	Helping Engineering/IT with requirements gathering	July-24	
41	Biological Survey for Solar Canopy Project	Purchase order completed with NTP on August 9, 2023. Final report completed.	Completed: September 2023	
42	Temporary Power Emergency Procurement	Notice of Interest announced 12/12/23. Non-mandatory site visit scheduled on 12/15/23 at 9:00 AM. Solicitation responses due on 12/18/23 at 5:00 PM. Final proposal accepted on 1/23/24. CCU approval received 1/23/24. Pending contract finalization and PUC approval.	Est. Completion: May 2024	

CCU Report- DSM

As of January 31, 2024

All Expenses – Fiscal Year

Description	FY16–FY20	FY21	FY22	FY23	Total to Date
Regular/OT Pay	\$157,844.00	\$162,395.40	\$126,711.34	\$66,952.70	\$513,903.44
Other Contractual	\$233,831.05	\$107,854.90	\$183,880.23	\$177,617.81	\$703,183.99
Ads & Radio Announcements	\$9,000.00	-	-	-	\$9,000.00
Paid Rebates–Split AC	\$4,904,451.00	\$1,855,550.00	\$1,579,649.00	\$761,645.00	\$9,101,295.00
Paid Rebates– Central AC	\$24,900.00	\$3,900.00	\$9,500.00	\$1,650.00	\$39,950.00
Paid Rebates– Washer/Dryer	\$269,228.00	\$134,497.00	\$159,250.00	\$56,450.00	\$619,425.00
Paid Rebates–Split AC (Commercial)			\$7,300.00	\$5,400.00	\$12,700.00
Paid Rebates–Central Ducted AC (Commercial)			-	-	-
Total Expenses	\$5,599,254.05	\$2,264,197.30	\$2,066,290.57	\$1,069,715.51	\$10,999,457.43
Bank Interest (+)	\$5,790.62	\$324.50	\$443.80	\$815.20	\$7,374.12
Bank Fees	\$5,222.32	\$545.00	\$1,513.00	\$465.30	\$7,745.62

**Preliminary Data as of 08/31/23*

DSM Funding

No.	Description	Amount
1	Initial DSM Budget FY 2016	\$1,806,014
2	Interest Income	\$7,374
3	Bank Fees	\$7,746
	Additional Funding Source	
	2017 Bond Refunding savings	\$1,139,189
	FY 2019 Revenue Funding	\$1,031,500
4	FY 2020 Revenue Funding	\$348,075
	FY2020 LEAC (June to September)	\$1,296,398
	FY2021 LEAC (October 2020 to September 2021)	\$3,859,303
	FY2022 LEAC (October 2021 to September 2022)	\$3,817,841
	FY2023 LEAC (October 2022 to August 2023)	\$3,260,905
5	Total Expense FY2016– FY2020 (Ending May 2020)	\$4,355,078
6	Total Expense FY2020 – FY2023 (June 2020 to Jan 2023)	\$6,644,379
	DSM Ending Balance – LEAC Funds	\$5,559,395

**Preliminary Data as of 08/31/23*

FY 2020- Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '19				
NOV '19	\$14,900.00	\$14,300.00	\$0.00	\$600.00
DEC '19	\$116,775.00	\$105,875.00	\$500.00	\$10,400.00
JAN '20	\$39,050.00	\$36,650.00	\$0.00	\$2,400.00
FEB '20	\$65,050.00	\$60,450.00	\$0.00	\$4,600.00
MAR '20	\$96,425.00	\$86,825.00	-	\$9,600.00
APR '20	-		-	
MAY '20	\$21,325.00	\$19,525.00	-	\$1,800.00
JUN '20	\$148,825.00	\$141,225.00	-	\$7,600.00
JUL '20	\$139,450.00	\$127,150.00	\$500.00	\$11,800.00
AUG '20	\$50,775.00	\$45,175.00	-	\$5,600.00
SEP '20	\$868,829.00	\$830,826.00	\$1,400.00	\$36,603.00
TOTALS	\$1,561,404.00	\$1,468,001.00	\$2,400.00	\$91,003.00

**Updated as of 09/30/23*

FY 2021- Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '20	\$ -			-
NOV '20	\$ 22,622.00	\$ 13,725.00	\$ 500.00	\$ 8,397.00
DEC '20	\$ 180,075.00	\$ 173,975.00	\$ 500.00	\$ 5,600.00
JAN '21	\$ 158,450.00	\$ 153,650.00	\$ -	\$ 4,800.00
FEB '21	\$ 91,100.00	\$ 86,100.00	\$ -	\$ 5,000.00
MAR '21	\$ 310,600.00	\$ 295,200.00	\$ -	\$ 15,400.00
APR '21	\$ 154,750.00	\$ 146,650.00	\$ 500.00	\$ 7,600.00
MAY '21	\$ 300,000.00	\$ 278,000.00	\$ -	\$ 22,000.00
JUN '21	\$ 47,975.00	\$ 41,575.00	\$ 800.00	\$ 5,600.00
JUL '21	\$ 301,875.00	\$ 280,675.00	\$ 1,000.00	\$ 20,200.00
AUG '21	\$ 178,575.00	\$ 164,875.00	\$ -	\$ 13,700.00
SEP '21	\$ 247,925.00	\$ 221,125.00	\$ 600.00	\$ 26,200.00
TOTALS	\$ 1,993,947.00	\$ 1,855,550.00	\$ 3,900.00	\$ 134,497.00

**Updated as of 09/30/23*

FY 2022- Rebate Amount Paid Monthly

Month	Total	Residential			Commercial	
		Split A/C Units	Central A/C Units	Washers/ Dryers	Split A/C Units	Central A/C Units
OCT '21	\$ 100.00				\$ 100.00	
NOV '21	\$ 118,750.00	\$ 99,550.00	\$ 1,000.00	\$ 18,200.00		
DEC '21	\$ 109,425.00	\$ 97,525.00		\$ 11,800.00	\$ 100.00	
JAN '22	\$ 86,900.00	\$ 80,600.00	\$ 500.00	\$ 5,800.00		
FEB '22	\$ 160,825.00	\$ 141,575.00	\$ 200.00	\$ 18,900.00	\$ 150.00	
MAR '22	\$ 185,600.00	\$ 166,000.00		\$ 19,400.00	\$ 200.00	
APR '22	\$ 219,600.00	\$ 200,000.00		\$ 19,600.00		
MAY '22	\$ 125,875.00	\$ 109,475.00		\$ 16,400.00		
JUN '22	\$ 201,524.00	\$ 179,074.00	\$ 5,700.00	\$ 14,200.00	\$ 2,550.00	
JUL '22	\$ 80,050.00	\$ 73,850.00		\$ 6,000.00	\$ 200.00	
AUG '22	\$ 180,700.00	\$ 172,850.00		\$ 7,600.00	\$ 250.00	
SEP '22	\$ 286,350.00	\$ 259,150.00	\$ 2,100.00	\$ 21,350.00	\$ 3,750.00	
TOTALS	\$ 1,755,699.00	\$ 1,579,649.00	\$ 9,500.00	\$ 159,250.00	\$7,300.00	\$0.00

**Updated as of 09/30/23*

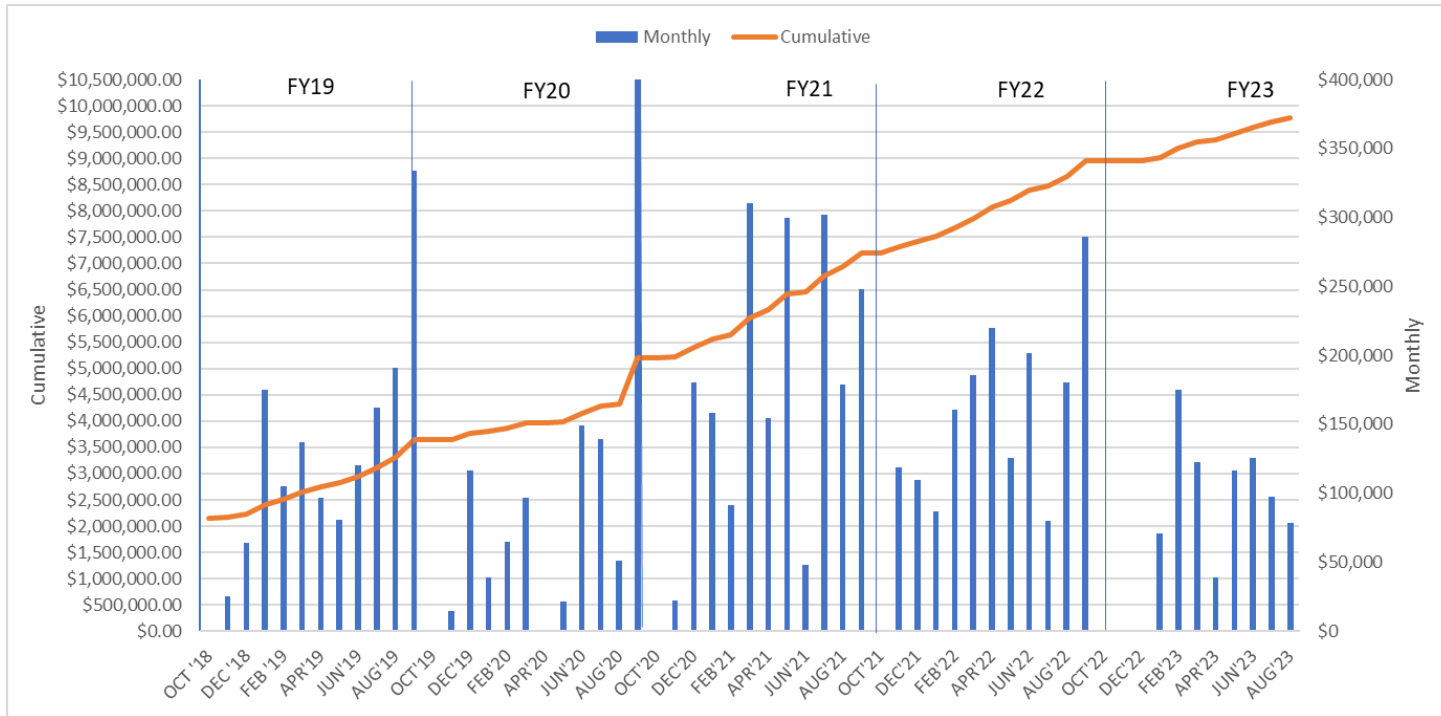
FY 2023- Rebate Amount Paid Monthly

Month	Total	Residential			Commercial	
		Split A/C Units	Central A/C Units	Washers/ Dryers	Split A/C Units	Central A/C Units
OCT '22*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NOV '22*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
DEC '22*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
JAN '23	\$ 70,600.00	\$ 68,000.00	\$ 1,150.00	\$ 1,450.00	\$ -	\$ -
FEB '23	\$ 175,250.00	\$ 160,050.00	\$ -	\$ 13,600.00	\$ 1,600.00	\$ -
MAR '23	\$ 122,950.00	\$ 113,650.00	\$ -	\$ 8,400.00	\$ 900.00	\$ -
APR '23	\$ 39,250.00	\$ 32,800.00	\$ -	\$ 6,200.00	\$ 250.00	\$ -
MAY '23	\$ 116,150.00	\$ 106,650.00	\$ 500.00	\$ 7,800.00	\$ 1,200.00	\$ -
JUN '23	\$ 125,400.00	\$ 118,250.00	\$ -	\$ 6,000.00	\$ 1,150.00	\$ -
JUL '23	\$ 97,425.00	\$ 89,025.00	\$ -	\$ 8,400.00	\$ -	\$ -
AUG '23	\$ 78,150.00	\$ 73,250.00	\$ -	\$ 4,600.00	\$ 300.00	\$ -
SEP '23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS	\$ 825,175.00	\$ 761,675.00	\$ 1,650.00	\$ 56,450.00	\$ 5,400.00	\$ 0.00

*Oct-Dec 2022 accrued in FY2022

*Updated as of 09/30/23

FY'19- FY'23 Rebate Amount Paid



*Updated as of 09/30/23

FY 2021 Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCT '20	603	370
NOV '20	573	516
DEC '20	640	484
JAN'21	557	621
FEB '21	512	322
MAR '21	587	1139
APR '21	598	540
MAY '21	603	1124
JUN '21	733	178
JUL '21	665	1133
AUG '21	590	631
SEP '21	603	747

**Updated as of 09/30/23*

FY 2022 Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCT '21	608	801
NOV '21	580	617
DEC '21	600	446
JAN'22	559	327
FEB '22	463	608
MAR '22	580	659
APR '22	569	819
MAY '22	488	506
JUN '22	645	895
JUL '22	533	302
AUG '22	338	663
SEP '22	362	229

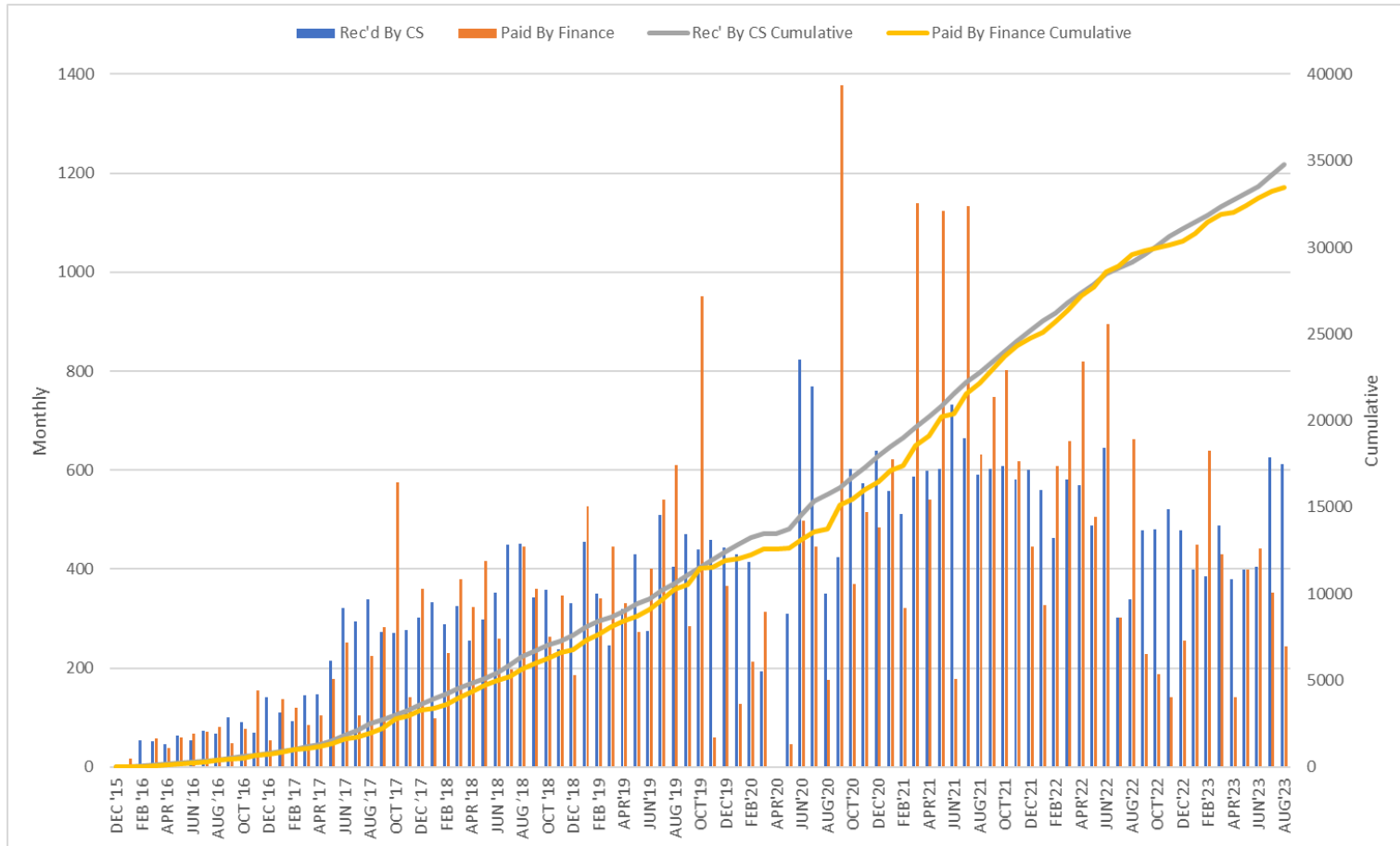
**Updated as of 09/30/23*

FY 2023 Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCT '22	481	188
NOV '22	521	141
DEC '22	479	255
JAN'23	398	450
FEB '23	385	640
MAR '23	487	430
APR '23	379	141
MAY '23	398	398
JUN '23	404	442
JUL '23	625	352
AUG '23	612	243
SEP '23		

**Updated as of 09/30/23*

Number of Applications Received By Customer Service and Paid



*Updated as of 09/30/23

DSM Online Report – January 2024

OVERALL COUNTS

Month	ALL			COMMERCIAL			RESIDENTIAL		
	Applications	Equipment	Rebates	Applications	Equipment	Rebates	Applications	Equipment	Rebates
FY-2022*	696	981	\$ 195,675	7	12	\$ 1,950	689	969	\$ 193,725
FY-2023	5,721	7,990	\$ 1,618,250	67	101	\$ 19,350	5,654	7,889	\$ 1,598,900
Oct-23	416	572	\$ 115,125	7	12	\$ 1,800	409	560	\$ 113,325
Nov-23	450	652	\$ 129,575	4	5	\$ 700	446	647	\$ 128,875
Dec-23	389	557	\$ 111,850	7	10	\$ 1,950	382	547	\$ 109,900
Jan-24	442	603	\$ 125,150	3	3	\$ 2,000	439	600	\$ 123,150
Feb-24									
Mar-24									
Apr-24									
May-24									
Jun-24									
Jul-24									
Aug-24									
Sep-24									
TOTAL	8,114	11,355	\$ 2,295,625	95	143	\$ 27,750	8,019	11,212	\$ 2,267,875

AVERAGES

Month	ALL		COMMERCIAL		RESIDENTIAL	
	Applications	Equipment	Applications	Equipment	Applications	Equipment
As of Jan-24	\$ 283	\$ 202	\$ 292	\$ 194	\$ 283	\$ 202

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

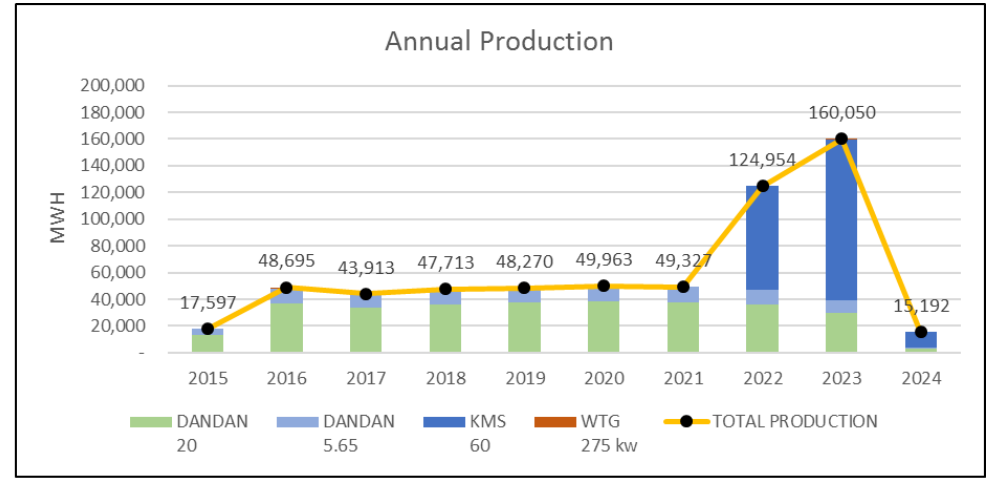
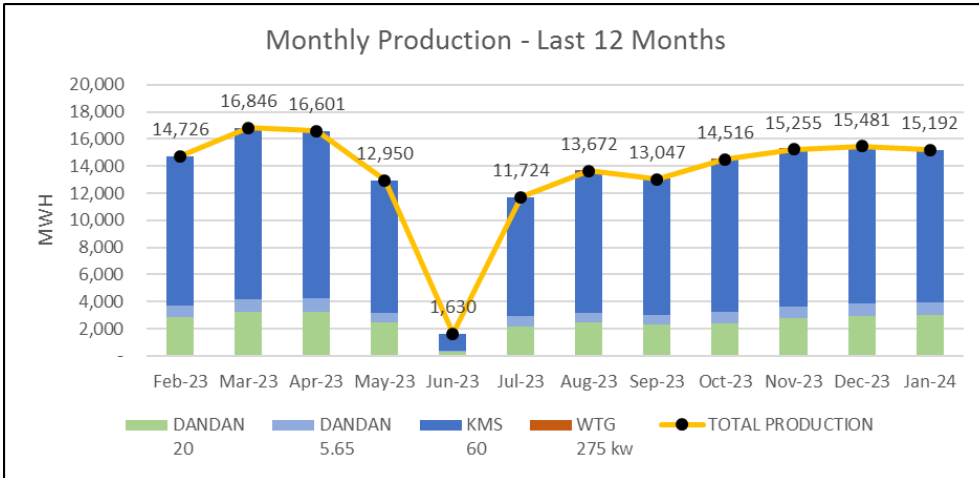
Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually.

Paper applications are NOT INCLUDED with these counts.

Renewable Energy Production CCU Report

January 31, 2024

Renewable Energy Charts



Renewable Energy Data

Monthly Renewable Production - Last 12 Months (LTM)

Date	DANDAN 20	DANDAN 5.65	KMS 60	WTG 275 kw	TOTAL PRODUCTION
Feb-23	2,841.21	874.35	11,010.63	-	14,726.18
Mar-23	3,226.21	977.56	12,642.19	-	16,845.96
Apr-23	3,271.53	993.08	12,335.97	-	16,600.57
May-23	2,439.54	752.03	9,758.04	-	12,949.61
Jun-23	295.81	106.46	1,227.39	-	1,629.66
Jul-23	2,175.24	737.58	8,810.69	-	11,723.51
Aug-23	2,473.61	733.92	10,463.94	0.93	13,672.39
Sep-23	2,302.36	714.76	10,018.19	11.66	13,046.97
Oct-23	2,421.63	823.61	11,258.94	11.43	14,515.61
Nov-23	2,786.25	879.62	11,566.13	22.85	15,254.84
Dec-23	2,946.52	906.21	11,599.84	28.67	15,481.24
Jan-24	3,049.77	896.15	11,246.17	-	15,192.09
Total	30,229.67	9,395.32	121,938.10	75.54	161,638.64

Annual Renewable Production

Date	DANDAN 20	DANDAN 5.65	KMS 60	WTG 275 kw	TOTAL PRODUCTION
2015	13,522.50	4,074.07	-	-	17,596.57
2016	37,037.15	11,183.91	-	473.53	48,694.59
2017	33,472.41	9,983.29	-	456.90	43,912.60
2018	36,158.00	11,228.24	-	327.02	47,713.25
2019	37,247.12	10,792.06	-	231.26	48,270.44
2020	38,249.82	11,393.79	-	319.85	49,963.46
2021	37,841.47	11,485.18	-	-	49,326.65
2022	35,848.68	10,882.63	78,222.53	-	124,953.83
2023	29,579.29	9,258.34	121,136.71	75.54	160,049.89
2024	3,049.77	896.15	11,246.17	-	15,192.09
Total	298,956.44	90,281.51	199,359.24	1,884.11	590,481.30

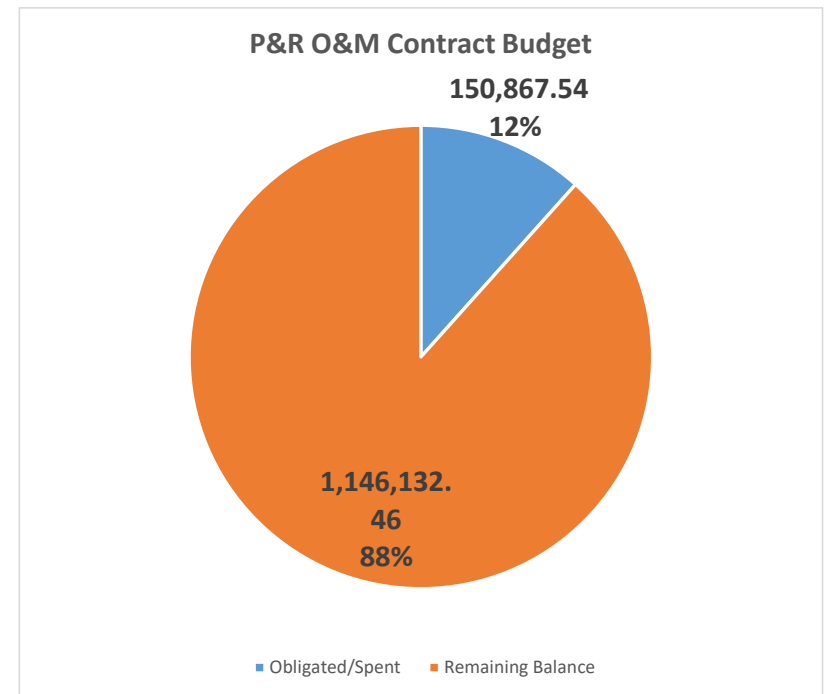
- Dandan / GPS = Phase I Solar commissioned on 10/2015
- KEPCO Mangilao Solar (KMS) = Phase II Solar commissioned on 05/2022
- WTG = Wind Turbine Generation

Planning & Regulatory CCU Report

January 31, 2024

Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
 - 0.00% O&M Obligation as of October 31, 2023 (Actual)
 - 0.00% O&M Obligation as of November 30, 2023 (Actual)
 - 5.42% O&M Obligation as of December 31, 2023 (Actual)
 - 11.63% O&M Obligation as of January 31, 2024 (Actual)



P&R Weekly & Monthly Inspection Reports

- Best Management Practices (BMP) Report Summary [Weekly]
- Generation Spill Prevention, Control, and Countermeasures (SPCC) Report Summary [Monthly]
- T&D Spill Prevention, Control, and Countermeasures (SPCC) Report Summary [Monthly]
- GPA is responsible to employees, the island environment, and the community to take all reasonable steps necessary to prevent spills from its facilities in order to protect human health and the environment

P&R Inspection Report Purpose

- The purpose of these inspections is to catch discrepancies and violations internally and correct them before inspections by Guam EPA and US EPA
- Regulatory Agencies can conduct scheduled or un-scheduled (surprise) inspections any time
- Any major discrepancies or violations cited can lead to issuance of a Notice of Violation (NOV), possible fines, and/or other enforcement action
- P&R conducts routine SPCC inspections in compliance with the requirements of 40CFR 112.7(a)(3)(ii), Discharge Prevention Measures

Weekly BMP Report

MONTH OF JANUARY 2024									
LEGEND OF TRACKING									
 Notification Date		 Completed							
 Within Scheduled Remediation Period		 Deadline is Past Due							
LOCATION	WE 01/06/24 FINDINGS	WE 01/13/24 FINDINGS	WE 01/20/24 FINDINGS	WE 01/27/24 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
Cabras Facility	1	Corroded Cabras 3&4 OWS.	Corroded Cabras 3&4 OWS.	Corroded Cabras 3&4 OWS.	Corroded Cabras 3&4 OWS.	Remove corroded oil-water separator to prevent possible storm water pollution.	1/7/2022	ASAP	
	2	Metal ladder platform and damaged light post beside the Cabras 3 & 4 OWS.	Metal ladder platform and damaged light post beside the Cabras 3 & 4 OWS.	Metal ladder platform and damaged light post beside the Cabras 3 & 4 OWS.	Metal ladder platform and damaged light post beside the Cabras 3 & 4 OWS.	Remove metal ladder and light post.	7/7/2023	ASAP	
	3	Debris and metals inside and outside the fuel treatment house building.	Debris and metals inside and outside the fuel treatment house building.	Debris and metals inside and outside the fuel treatment house building.	Debris and metals inside and outside the fuel treatment house building.	Dispose debris	11/18/2022	ASAP	
	4	Cabras 3&4 Building ground pits has rainwater mixed with oil.	Cabras 3&4 Building ground pits has rainwater mixed with oil.	Cabras 3&4 Building ground pits has rainwater mixed with oil.	Cabras 3&4 Building ground pits has rainwater mixed with oil.	Properly clean mixed rainwater and oil. Apply proper BMP storm water/oil runoff procedures.	6/12/2020	ASAP	

Weekly BMP Report

LOCATION	WE 01/06/24 FINDINGS	WE 01/13/24 FINDINGS	WE 01/20/24 FINDINGS	WE 01/27/24 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
Cabras Facility	5 Cabras 3&4 Building: Wooden pallets, corroded metals, and miscellaneous debris improperly stored inside and outside Cabras 3&4. Drums of contaminated materials and used oil that are not properly covered.	Cabras 3&4 Building: Stacked wooden pallets has been removed. Corroded metals, and miscellaneous debris improperly stored inside and outside Cabras 3&4. Drums of contaminated materials and used oil that are not properly covered.	Cabras 3&4 Building: Corroded metals, and miscellaneous debris improperly stored inside and outside Cabras 3&4. Drums of contaminated materials and used oil that are not properly covered.	Cabras 3&4 Building: Corroded metals, and miscellaneous debris improperly stored inside and outside Cabras 3&4. Drums of contaminated materials and used oil that are not properly covered.	Conduct clean up and dispose contaminated materials ASAP. 01/03/24: Ongoing	1/3/2024	ASAP		
	6 Corroded cooling water intake covers and bar screens. Corrosion material at intake can contribute to power plant's metal effluent discharge violation.	Corroded cooling water intake covers and bar screens. Corroded and deteriorating material at intake contribute to power plant's metal effluent discharge violation.	Corroded cooling water intake covers and bar screens. Corroded and deteriorating material at intake contribute to power plant's metal effluent discharge violation.	Corroded cooling water intake covers and bar screens. Corroded and deteriorating material at intake contribute to power plant's metal effluent discharge violation.	Chip corrosion and repaint.	7/23/2021	ASAP		
	7 Water and algae accumulation in Day Tanks 1-4 refilling valve pit.	Water and algae accumulation in Day Tanks 1-4 refilling valve pit.	Water and algae accumulation in Day Tanks 1-4 refilling valve pit.	Water and algae accumulation in Day Tanks 1-4 refilling valve pit.	Remove the water and conduct clean up. (Always maintain an adequate freeboard in the valve pit as proper BMP and spill prevention control).	7/1/2022	ASAP		
	8 Corroded metals and 20-foot container improperly stored near the ponding basin.	Corroded metals and 20-foot container improperly stored near the ponding basin.	Corroded metals and 20-foot container improperly stored near the ponding basin.	Corroded metals and 20-foot container improperly stored near the ponding basin.	Remove broken container to prevent possible storm water pollution.	8/27/2021	ASAP		

Weekly BMP Report

LOCATION	WE 01/06/24 FINDINGS	WE 01/13/24 FINDINGS	WE 01/20/24 FINDINGS	WE 01/27/24 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
Cabras Facility	9 Miscellaneous corroded debris in front of the Central Maintenance Building	Miscellaneous corroded debris in front of the Central Maintenance Building	Miscellaneous corroded debris in front of the Central Maintenance Building	Miscellaneous corroded debris in front of the Central Maintenance Building	Dispose corroded debris <i>Ongoing 01/17/2024: on hold due to fork lift availability.</i>	1/17/2024	ASAP		
	10 Improper storage of lube oil behind Cabras 1 & 2 building.	BEFORE: Improper storage of lube oil drums behind Cabras 1&2 building. Present: Lube oil drums removed & transferred to Cabras 1&2 storage area.	/	/	Relocate drums of oil in proper storage. Maintain proper storage and good housekeeping.	9/22/2023	ASAP	1/10/2024	<i>Maintain proper storage and good housekeeping.</i>
	11 Over grown vegetation	Over grown vegetation. (@ Facility and Substation). <i>Several locations along fences/perimeter needs to be trimmed.</i> <i>Grass trimming is underway; vegetation cleared near the fuel line at ponding basin area.</i>	Over grown vegetation. (@ Facility and Substation). <i>Several locations along fences/perimeter needs to be trimmed.</i>	Over grown vegetation. (@ Facility and Substation). <i>Several locations along fences/perimeter needs to be trimmed.</i>	Ground Maintenance needs to be conducted <i>01/10/2024: Ongoing</i>	8/30/2023	ASAP		

Weekly BMP Report

LOCATION	WE 01/06/24 FINDINGS	WE 01/13/24 FINDINGS	WE 01/20/24 FINDINGS	WE 01/27/24 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
Cabras Facility	12 Intake containment boom partially sunk.	Intake containment boom partially sunk.	Intake containment boom partially sunk.	Intake containment boom partially sunk.	Replace containment boom.	12/22/2023	ASAP		
	13 Cabras Outfall - Clean	Cabras Outfall - Old & used-up containment boom at outfall must be removed. (see photo)	Cabras Outfall - Old & used-up containment boom at outfall must be removed. (see photo)	Cabras Outfall - >Old & used-up containment boom at outfall must be removed. (see photo) >Loose containment boom	Continuously monitor the outfall	1/10/2024	ASAP		
	14 Cabras Ponding Basin-Clean	Cabras Ponding Basin-Clean	Cabras Ponding Basin-Clean	Cabras Ponding Basin-Clean	Continuously monitor the ponding basin				

T&D SPCC Inspection Report

SUMMARY OF T&D SPCC MONTHLY INSPECTION REPORT									
MONTH OF JANUARY 2024									
SUBSTATIONS									
LEGEND OF TRACKING									
			 Notification Date			 Completed			
			 Within Scheduled Remediation Period			 Deadline is Past Due			
#	SUBSTATION LOCATIONS		FINDINGS	RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
1	DEDEDO SUBSTATION (T-55)	1	T-55 Facility	Good housekeeping at T-55 SS Building and Transformer containment structure.	Maintain			ASAP	11/27/2023
2	DEDEDO SUBSTATION (T-191 and T-192)	1	Facility	Good housekeeping	Maintain			ASAP	11/27/2023
		2	Substation Yard	Vegetation overgrowth.	Schedule grass trimming	Overgrown vegetation has been addressed.	01/22/2024	ASAP	11/27/2023
3	DEDEDO SUBSTATION WAREHOUSE	1	Transformer Storage Area	Good housekeeping	Maintain			ASAP	01/22/2024
		2	Oil-Water Separator	Observed accumulation of rainwater in the secondary containment.	Drain the water from the secondary containment.			ASAP	01/22/2024
		3	Used Oil Tank Area	Good housekeeping	Maintain			ASAP	01/22/2024
		4	Used Oil Tank Area	Drain valve is not locked	Provide a lock for the drain valve.			ASAP	01/22/2024
4	MACHECHE SUBSTATION	1	Facility	Good housekeeping	Maintain			ASAP	11/27/2023
5	TALOFOFO SUBSTATION	1	Housekeeping	Observed good housekeeping	Maintain			ASAP	11/27/2023
6	TENJO SUBSTATION	1	Facility	Good housekeeping implemented in the substation.	Maintain			ASAP	11/27/2023
7	YIGO SUBSTATION	1	Transformer and Secondary containment	Clean. Functioning. Free of oil, rust, and standing rainwater.	Maintain			ASAP	11/27/2023
		2	Vegetation	Facility grounds mowed and trimmed of vegetation.	Maintain			ASAP	11/27/2023

Generation SPCC Inspection Report

SUMMARY OF GENERATION SPCC MONTHLY INSPECTION REPORT MONTH OF JANUARY 2024 POWER PLANT (GENERATION)								
							LEGEND OF TRACKING	
							 Notification Date	 Completed
							 Within Scheduled Remediation	 Deadline is Past Due
Item #	POWER PLANT LOCATIONS	FINDINGS	RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
1	CABRAS POWER PLANT	1 Cabras 3&4	Building ground pits has rainwater mixed with oil.	Conduct the removal of mixed rainwater and oil.			ASAP	01/20/2023
		2 Cabras Day Tanks 3&4	Corroded supply pipelines	Chip corrosion and repair.			ASAP	September 2021
		3 Cabras Power Plant (CPP) 8" fuel supply line	No secondary mean containment	Continue daily inspections of pipeline for any corrosion, damage or leaks.			ASAP	November 2022
		4 Cabras Power Plant (CPP) 8" fuel supply line	Corroded The fuel supply line runs above the Outfall along bridge support/structure.	Assessment needs to be conducted to check integrity of pipeline. Repair pipe immediately.			ASAP	07/31/23
		5 Cabras Day Tank 1 valves	Cabras day tank 1 valves are leaking.	Conduct clean-up and repair.			ASAP	01/19/2023
		6 Cabras Day Tank 2	Uncovered drum with contaminated pads and debris	Dispose			ASAP	01/19/2023
		7 Cabras Day Tank #2 Supply Valve	Corroded Tank 2 supply valves	Chip corrosion and repair valve.			ASAP	prior this month August 2023
		8 Cabras Day Tank #2 filter	Leaking	Repair			ASAP	10/27/23
		9 Used Oil Tank	Used Oil Tank corroded pipelines.	Chip corrosion and repair pipe lines.			ASAP	prior this month August 2023
		10 Cabras 1 and 2 Transformer	Leaking Cabras 1 and 2 Transformer and over flowing drip pans. Oil spilled on the secondary containment.	Fix leak Remove oil from drip pans and clean secondary containment			ASAP	November 29, 2023
2	DEDEDO CT	1 Fuel Oil Tank, Pipeline & Containment Structure	Corroded saddle support.	Remove rust and repaint. Apply a spacer between the pipe and saddle to minimize rust build-up.			ASAP	2021

Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS	FINDINGS	RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE	
2	DEDEDO CT	2 Oil Water Separators (OWS) DCT 1 and DCT 2	•Observed corrosion build-up on OWS 1 & 2 tank wall and pipeline. •Trash and debris in OWS drain valve sump pits.	Remove corrosion and repaint. Remove trash and debris.			ASAP	04/27/23	
		3 Engine Room, Generator Bldg. DCT 1 and DCT 2	Area clean and well-maintained.	MAINTAIN good housekeeping at both DCT1 and DCT2					
		4 Plant grounds	Damaged chain-link fence.	Fix security fence near the entrance gate.				ASAP	08/29/23
			Unidentified materials stacked in bags and staged near CT1 cooling tower area.	Observe proper storage and identify/label stacked materials.	01/22/2024: Clean-up and disposal is ongoing.			ASAP	12/29/23
			Observed trash and miscellaneous materials outside CT1 building.	Conduct proper disposal of trash and miscellaneous materials.				ASAP	01/22/24
3	MACHECHE CT	1 Oil/Water Separator (OWS)	•Corroded tank shell •Tar/thin sludge in containment deck	Remove rust. Repaint. Recommend thorough cleaning of containment deck from oil residue and minor sludge.			ASAP	1/27/2023	
		2 Refueling Dock	•Observed heavy corrosion on pipelines and valves.	Repair pipelines and repair.			ASAP	9/28/2023	
		3 ULSD Raw Fuel Tank	•Observed corrosion on pipelines and valves. [Major corrosion outlet pipelines] (ongoing leak) •Observed oil in trenches.	•Repair pipelines and valves. •Remove oil from trenches and conduct proper clean-up.			ASAP	04/27/23	

Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS	FINDINGS	RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
3	MACHECHE CT	4 FOST 130 and 140	<ul style="list-style-type: none"> Tank wall needs repainting. Rust starting to buildup. Observed major corrosion on pipelines and valves. Observed algae in sump pit and trenches. 	<ul style="list-style-type: none"> Repaint tank wall. Repair pipelines and valves. Remove algae from sump pit and trenches and conduct proper clean-up. 			ASAP	07/31/23
		5 Plant Grounds	Observed oil-contaminated vegetation under the stairs that lead to the FOST 130/140.	<ul style="list-style-type: none"> Practice proper monitoring of potential sources of spills. Ensure to inform dispatch and P&R of future spills. 				
4	MANENGGON DIESEL	1 Fuel Storage Tanks Area	Corrosion on tank shells, manway cover and vents. (Typical of all tanks).	Remove corrosion and recoat.			ASAP	11/30/23
		2 Pipeline	Corrosion on several locations.	Remove corrosion and recoat pipeline.			ASAP	11/30/23
		3 Secondary containment	Clean	Maintain				
		4 Supply Return Line	Corroded valves	Remove corrosion and recoat.			ASAP	11/30/23
		5 HOUSEKEEPING	Good housekeeping in indoor facility. Clean.	Maintain				
5	PITI #7 Combustion Turbine POWER PLANT	1 Main Fuel Tank	No integrity testing	Conduct integrity testing.			ASAP	04/25/23
		2 STI Findings of Fuel Tanks 1 & 2	a. No catwalk above the top of the fuel tanks.	Install catwalk with safety rail to access for inspections, maintenance and safety.			ASAP	3/22/2023
			b. Corroded tank support.	Repair corroded Tank support.			ASAP	3/22/2023
			c. No emergency fuel shut off (EFSO) valve at the loading area.	Install EFSO			ASAP	3/22/2023
3 Main Diesel tank pipeline	Corroded main diesel tank pipeline.	Repair pipe			ASAP	4/25/2023		

Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS	FINDINGS		RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
5	PITI #7 Combustion Turbine POWER PLANT	4	Diesel Fuel Tanks 1 & 2 pipeline	Corroded Diesel Fuel Tanks 1 & 2 pipeline.	Repair pipe.			ASAP	02/23/23
		5	Secondary containment	Algae accumulation in the secondary containment	Conduct clean up			ASAP	1/30/2024
6	TALOFOFO DIESEL	1	Oil/Water Separator	Tank laid above Oil-Water Separator	Transfer the tank to a proper storage area, or mark it for disposal if it will not be utilized.			ASAP	11/21/22
		2	Main Fuel Tank Shell	Due for maintenance	Tank shell has been cleaned.	01/26/24: Paint coating reapplication is pending.		ASAP	11/29/23
		3	Talofofo Engine Room	Good housekeeping	Maintain				
		4	Main Fuel Tank	Observed corrosion on multiple items	Repair and repaint			ASAP	11/29/2023
7	TENJO DIESEL	1	Tanks 1 & 2	Dirty tanks 1 & 2 exterior walls.	Clean exterior walls			ASAP	01/30/2024
		2	Tank 1	Corroded tank supports.	Remove corrosion and recoat.			ASAP	2023 (prior this month)
		3	Tanks 1 & 2	Tanks 1 and 2 corroded tank shells	Remove corrosion and recoat.			ASAP	2023 (prior this month)
		4	Tanks 1 & 2	Tanks 1 and 2 corroded supply and return lines.	Remove corrosion and recoat.			ASAP	2023 (prior this month)
8	YIGO CT	1	Fuel Storage Tanks Area	Tank shell corrosion remaining on Tank #130 and #140.	Remove corrosion, treat and recoat.			ASAP	Dec. 2021
		2		Heavy corrosion on each tank manway cover and collar. Tank #110 - #140.	Remove corrosion, treat and recoat.			ASAP	02/27/23
		3		Corrosion of tank vents. Tank #110 - #140.	Remove corrosion, treat and recoat.			ASAP	Dec. 2021

Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS	FINDINGS		RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
8	YIGO CT	4	Pipeline Pipes to Tank #110 suffering from corrosion. Potential leak danger.	Remove corrosion, treat and recoat.				ASAP	01/31/23
		5	Supply/return pipelines are free of leak and mitigated of corrosion.	Maintain					
		6	Security Flow and drain valves of Tank #110 - 140 padlocked. Loading/unloading lines sealed. Power plant guarded with security, gate and fences.	Maintain					
		7	Secondary containment Containment is filled with dead branches, leaves and soil. It is also filled with random debris, such as broken chairs and old absorbent booms.	Dead vegetation will make oil recovery difficult in event of oil spill. Remove debris and clean containment.				ASAP	10/26/23
		8	Oil/Water Separator OWS is free of oil spill and does not require draining. Containment free of vegetation and debris.	Maintain					
9	YIGO DIESEL	1	Diesel Fuel Storage Tanks Area Diesel fuel storage tanks experiencing leaks and spilled oil. Source of spill could be from leak of hose fittings.	Fix oil leak from hose fittings.				ASAP	01/30/24
		2	DSFT Secondary Containment No secondary containment outside of double wall. Failing to capture oil leak from fuel transfer hose fittings.	Active monitoring is required				ASAP	July 2021
		3	Security Access valves and pump controls guarded with doors. Active security and gate guarding plant grounds.	Maintain					
		4	Pipeline Vulnerable supply pipeline next to roadway. (leak of hose fitting already relayed in DSFT section).	Active monitoring required.				ASAP	01/30/24

Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS	FINDINGS		RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
9	YIGO DIESEL	5	Generator Day Tanks Many generators are experiencing leaks, leading to accumulation of oil within the containment. Contaminated soil underneath and surrounding generators.	Fix oil leak from each generator area. Clean up spill and contaminated soil.				ASAP	01/30/24
		6	Transformers Transformers are free of leaks and do not require draining.	Maintain					
		7	Housekeeping Good housekeeping in work area. Clean and free from litter.	Maintain					

PLANNING & REGULATORY DIVISION REPORT

The following summarizes P&R's activities for the month of January 2024

INSPECTIONS/MONITORING

- Best Management Practices (BMP) Weekly Inspection/Report – Cabras Power Plant
- Monthly Spill Prevention, Control and Countermeasures (SPCC) Inspection/Report – Cabras Power Plant, Macheche, Dededo, Yigo CT, Talofoto, MDI, Tenjo Diesel, Piti 7 Power Plants, IP&E fuel Farm.
- Reviews monthly Continuous Emissions Monitoring System (CEMS) report and monitors TRC's O & M for Tenjo Diesel. Coordinates Operations and Maintenance with TRC.
- Emissions and Limits Tracking for GPA Power Plants
 - Monitoring CO and NOx emissions of the Yigo Diesel generators not to exceed the allowable limit.
 - GPA Plants Limits based on Hours and/or Fuel Use
- Yigo Diesel environmental inspection

CONSENT DECREE

- Assisted in completing January 2024 Semi-Annual Report
- Provided information, documents, and/or comments to Legal regarding EPA questions on:
 - New power plant foundation and
 - ULSD pipeline
 - Submission completed
- Compiled information on the 100MW solar plants deadline and provided to Legal
 - Submission completed

ENVIRONMENTAL DISPOSAL & MITIGATION

- Coordinate Used oil draining and hauling for Cabras Tanks 3 & 4 and various GPA sites
- Coordination with the segregation and disposal of metals in Cabras Power Plant- Ongoing
- Tanguisson substation oil spill cleanup coordination

METEOROLOGICAL TOWER (MET Tower) – semi-annual MET Tower audit performed by Trinity Consultants (Dave Meisters) on Jan. 8, 2024

NEW GENERATION

Coordinating closely with Guam EPA on the following

- Tenjo Vista Area -

- Had meetings with Guam EPA to discuss options (Dec. 11 & 13)
- Conducted site visit/inspection for temporary power generation site at Tenjo and TRISTAR area
- JAN: Coordinating with Dept. of Agriculture, Div. of Aquatic & Wildlife Resources (DAWR); U.S. Fish and Wildlife Service (USFWS) and; Julianna Blas (GPA)
- Yigo Diesel – replacing old/damaged Aggreko Units
 - Sent Guam EPA DRAFT permit modification letter
 - JAN: reviewed proposals from Aggreko

PROCUREMENT

Coordination with procurement on the following bids/continuing contracts:

- Multi-Step Bid GPA-016-23 Petroleum Testing Services for Residual Fuel Oil No.6 – Evaluation committee member- Procurement process. Pending AG Review since April. Still pending as of January 2024
- PO No. 31909 - Registration of ALL qualified GPA & GWA aboveground storage tanks (ASTs) in accordance with GEPA Division 3, of 10GCA, Chapter 76A. Application for new operating permit for 243 ASTs for RY2023 (coverage: July 1,2023 – June 30, 2024). Status: Pending issuance of new permit.
- RFP (OR# 38271) for the Decommissioning and Retirement Plan of Cabras PP Facility. *Note: RFP documents forwarded to procurement for review.*

REPORTING

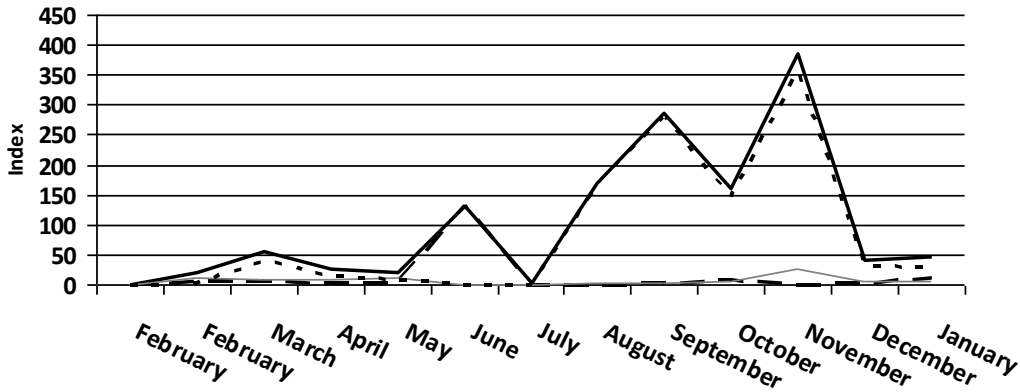
- Monthly NSPS reports for CT's and Diesel plants submitted to GEPA and US EPA
- National Pollutant Discharge Elimination System (NPDES) 2023 4th Quarter and Annual 101 Reports submitted via EPA NetDMR Web Reporting tool on Jan. 18, 2024
- 2023 4th Quarter Fuel Switching Report submitted to EPA R9
- Submitted DERA Quarterly Progress Report.

STATE IMPLEMENTATION PLAN (SIP)

- Submitted updates to Guam EPA in response to new USEPA comments on Emissions Inventory and Modeling Report.

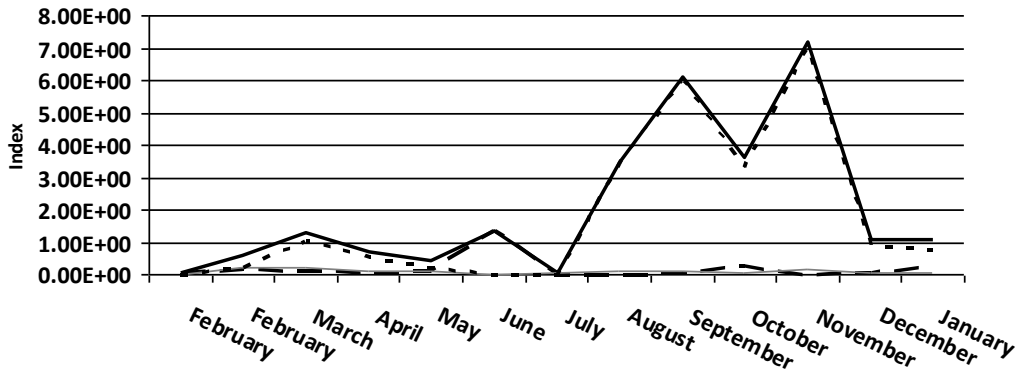


(Item 1.1,1.2,1.5) January 2024 SAIDI = 1,346.42 ↑ (1,311.61)



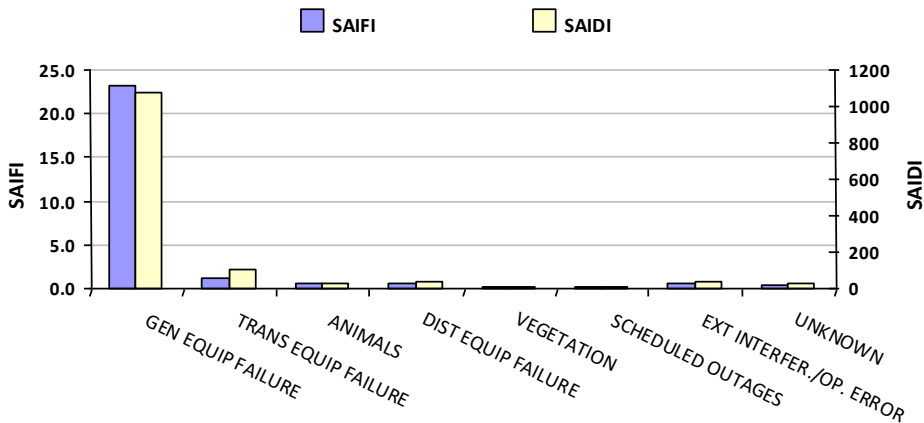
ALL
 GEN=1,077.32
 (1,051.44) ↑
 TRANS=173.93
 (167.17) ↑
 DIST=95.18
 (92.99) ↑

(Item 1.1,1.2,1.5) January 2024 SAIFI = 27.05 ↑ (26.35)



ALL
 GEN=23.41
 (22.81) ↑
 TRANS=2.38
 (2.20) ↑
 DIST=1.26
 (1.35) ↓

(Item 1.9) 12-Month Cause Contributions to Reliability



GEN EQUIP FAILURE
 F:82.7% D:79.9%
 TRANS EQUIP FAILURE
 F:5.4% D:8.0%
 ANIMALS
 F:2.5% D:2.2%
 DIST EQUIP FAILURE
 F:2.6% D:3.1%
 VEGETATION
 F:0.8% D:0.9%
 SCHEDULED OUTAGES
 F:1.5% D:0.7%
 EXT INTERFER./OP. ERROR
 F:2.3% D:2.9%
 UNKNOWN
 F:2.2% D:2.3%

As of January 31, 2024