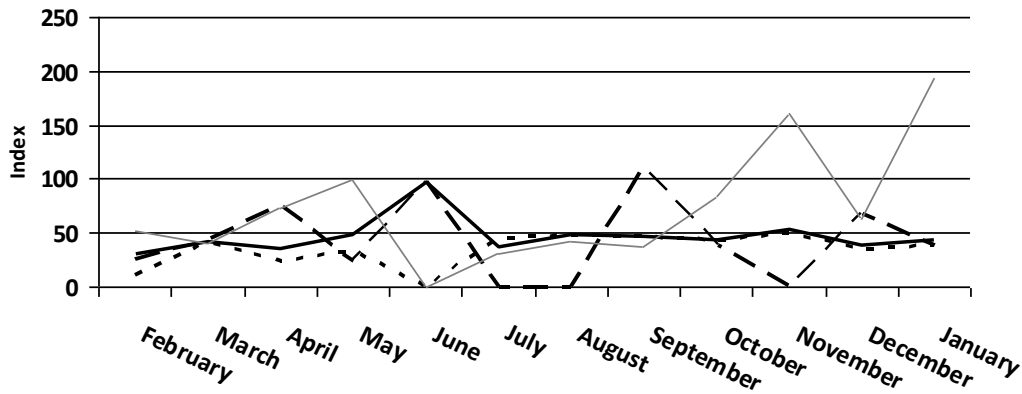




(Item 1.1,1.2,1.5) January 2024 CAIDI = 49.78 UNC* (49.78)



ALL

GEN=46.02

(46.11)

TRANS=73.17

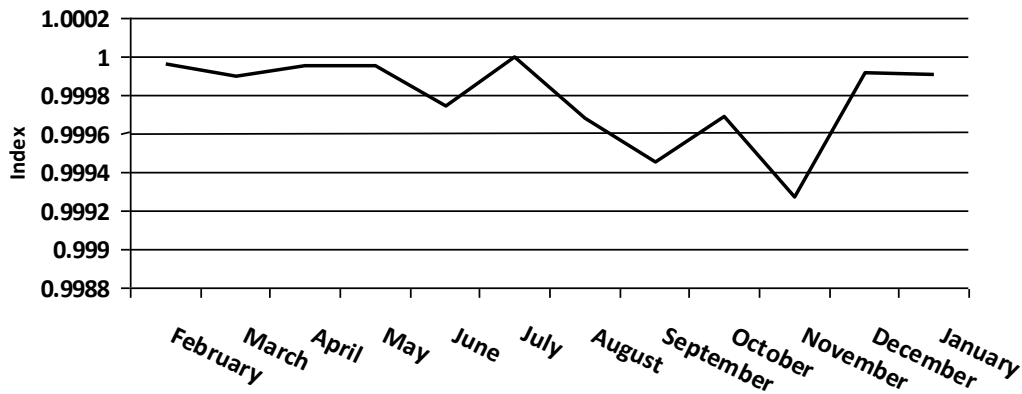
(76.1)

DIST=75.33

(68.95)



(Item 1.1,1.2,1.5) January 2024 ASAI = 0.9974 ↓ (0.9975)



(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P340	12
2	P283	8
3	P310	5
4	P280	5
5	P301	4

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Overhead Equipment	43
2	Wind	20
3	Snakes	19
4	Vegetation	11
5	Substation Equipment	8

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
2392	143	2249

(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
17.13	1.00	17.11

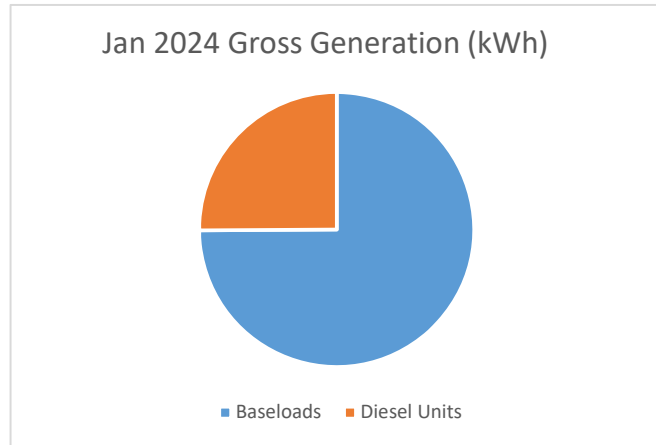
As of January 31, 2024

UNC* - Unchanged

Production Data January 2024

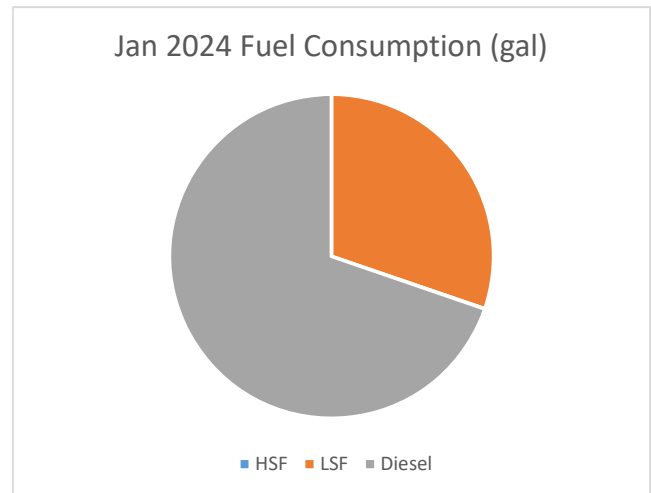
2024 Gross Generation (kWh)

Month	Baseloads	Diesel Units
January	90,244,300	30,249,809
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		



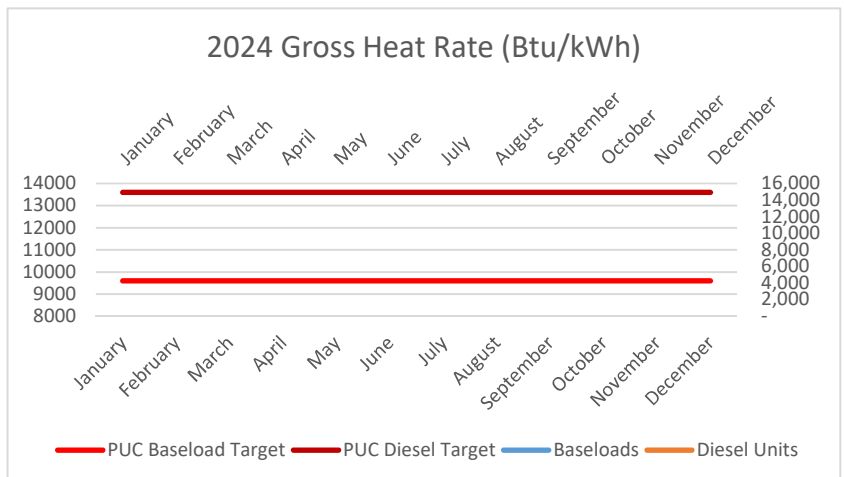
2024 Fuel Consumption (gal)

Month	Baseloads		Diesel Units
	HSF	LSF	Diesel
January	-	2,821,521	6,503,747
February	-		
March	-		
April	-		
May	-		
June	-		
July	-		
August	-		
September	-		
October	-		
November	-		
December	-		



2024 Gross Heat Rate (Btu/kWh)

Month	Baseloads	Diesel Units
January	10,052	13,817
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		



NET METERING
January 2024

	<u>Quantity</u>	<u>Connected kVA</u>
Completed	2,625	34,520
Pending	1	7
Grand Total	2,626	34,527

Rate Class and Technology			
Technology	Schedule	Customer Count	Total kW
Solar Energy	R - Residential	2,416	24,487.63
	J - Gen Service Dmc	88	5,340.87
	K - Small Gov Dmd	18	811.06
	L - Large Governme	2	122.80
	P - Large Power	16	1,446.70
	G - Gen Serv Non-D	76	2,228.41
	S - Sm Gov Non-Dm	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		2,625	34,519.87

Projection Date Ending 12/31/2024				
Customer Rate Class	Sum of Size (kW)	*Annual Projected kWh Generated	Non-Fuel Yield \$/kWh	Estimated Annual Revenue Loss
R	24,491.23	36,835,313	0.087492	\$ 3,222,796.29
J	5,340.87	7,898,873	0.125682	\$ 992,746.39
K	811.06	1,102,646	0.133883	\$ 147,625.65
L	122.80	198,931	0.129809	\$ 25,823.01
P	1,446.70	2,054,830	0.109950	\$ 225,928.65
G	2,228.41	3,640,001	0.145397	\$ 529,245.29
S	78.80	122,287	0.147902	\$ 18,086.47
Grand Total	34,519.87	51,852,882		\$ 5,162,251.76

*Estimated number of hours from NREL for Guam (13.4 degrees North and 144 degrees East).

Estimated Annual Revenue Loss		
Year	Estimated kWh	*Total Estimated Cost
2023	51,855,874	\$ 5,162,513.56
2022	47,962,892	\$ 4,760,505.76
2021	42,545,416	\$ 4,146,394.89
2020	39,941,816	\$ 3,874,385.68
2019	36,806,287	\$ 3,546,649.04
2018	34,981,036	\$ 3,521,130.12
2017	28,242,917	\$ 2,828,834.71
2016	21,867,383	\$ 2,200,794.56
2015	7,383,621	\$ 856,921.27
2014	3,137,212	\$ 410,558.94
2013	1,556,949	\$ 178,996.00
2012	494,672	\$ 58,545.89
2011	170,070	\$ 18,177.13
2010	98,830	\$ 8,483.27
2009	23,912	\$ 1,656.87

*Source for effective yield rate from the Year End Revenue Reports (12 month Average Yield)

NET METERING
January 2024

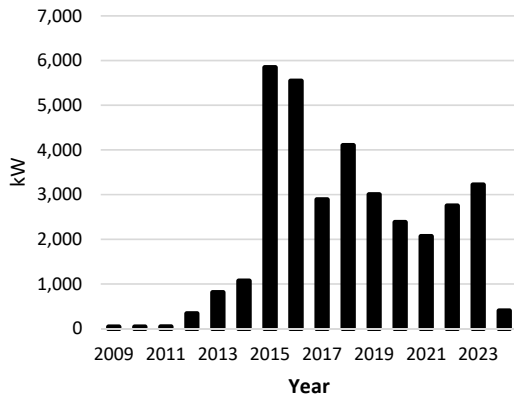
Customer Count and Connected kW by Feeder						
Status	Feeder	Net Metering	Connected kW	Customer Count	% of Feeder Maximum kW	% of Feeder Minimum Daytime kW
Completed	P-005	436.55		38	25.3%	50.8%
	P-046	404.29		44	9.5%	14.6%
	P-088	1,131.78		96	18.8%	29.8%
	P-089	957.61		100	21.4%	51.5%
	P-111	477.50		9	8.9%	15.5%
	P-203	878.49		49	11.7%	33.3%
	P-204	164.18		18	3.5%	7.2%
	P-205	200.48		10	4.2%	7.1%
	P-210	1,031.00		80	20.2%	27.4%
	P-212	1,427.74		121	34.5%	89.3%
	P-213	672.61		21	25.7%	34.5%
	P-220	266.97		28	43.8%	137.6%
	P-221	743.14		72	16.9%	33.6%
	P-223	772.87		72	32.5%	46.3%
	P-240	178.55		5	2.7%	24.0%
	P-245	527.28		12	10.5%	22.5%
	P-250	1,827.04		157	28.1%	49.4%
	P-251	273.14		15	11.0%	16.9%
	P-253	1,277.57		115	28.4%	44.9%
	P-262	1,570.67		149	41.3%	98.9%
	P-280	728.52		41	40.5%	75.3%
	P-281	300.90		6	10.7%	29.9%
	P-282	231.75		6	6.2%	18.7%
	P-283	865.39		69	23.9%	41.0%
	P-294	1,600.97		145	37.0%	73.2%
	P-301	309.90		30	21.9%	39.0%
	P-311	1,778.81		79	44.6%	76.3%
	P-322	2,428.50		138	32.0%	63.6%
	P-323	305.28		21	6.5%	20.1%
	P-330	943.54		107	17.3%	34.9%
	P-331	997.39		104	15.8%	25.6%
	P-332	1,132.55		100	20.1%	29.3%
	P-340	707.27		60	39.0%	85.8%
	P-087	1,676.98		164	42.7%	66.9%
	P-252	720.05		40	17.1%	34.8%
	P-321	654.80		48	11.7%	13.1%
	P-260	138.56		13	20.1%	69.3%
	P-067	86.20		10	1.0%	1.3%
	P-312	256.96		10	15.4%	17.9%
	P-206	136.08		7	13.9%	25.2%
P-242	23.75		2	0.4%	1.1%	
P-310	230.97		11	8.4%	15.4%	
P-261	554.46		57	20.0%	34.4%	
P-201	248.26		12	7.0%	12.4%	
P-007	85.86		8	11.9%	25.3%	
P-244	86.56		3	4.9%	5.0%	
P-202	280.10		9	8.6%	20.8%	
P-341	33.95		3	2.9%	12.9%	
P-401	117.00		2	10.3%	17.3%	
P-400	102.60		7	10.7%	10.9%	
P-241	19.72		1	0.5%	0.7%	
P-290	58.74		4	8.2%	36.3%	
Completed Total		34,519.87		2,625		
pending	Pending	7.31		1	0.0%	0.0%
pending Total		7.31		1	0.0%	0.0%
Grand Total		34,527.18		2,626		
	Feeders highlighted in yellow indicates renewable energy capacity has reached 25% of minimum daytime load.					
	Feeders highlighted in red indicates renewable energy capacity has reached 75% of minimum daytime load.					

NET METERING January 2024

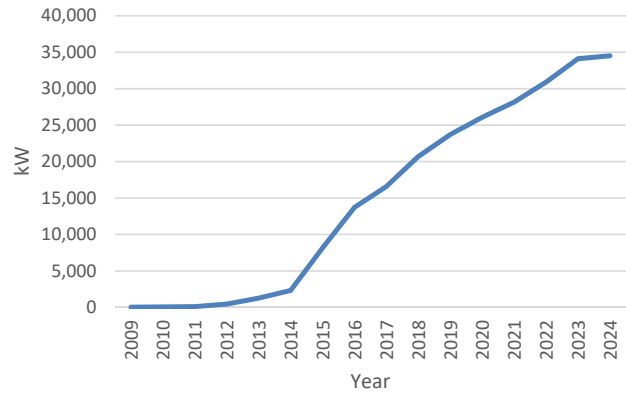
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	334.61	454.88
2013	808.15	1,263.03
2014	1,067.04	2,330.07
2015	5,843.21	8,173.28
2016	5,545.23	13,718.50
2017	2,887.33	16,605.83
2018	4,103.13	20,708.96
2019	3,002.17	23,711.13
2020	2,380.16	26,091.29
2021	2,064.09	28,155.38
2022	2,749.25	30,904.63
2023	3,218.08	34,122.71
2024	397.16	34,519.87
Grand Total	34,519.87	

Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	6	15
2012	26	41
2013	66	107
2014	93	200
2015	560	760
2016	529	1,289
2017	298	1,587
2018	292	1,879
2019	190	2,069
2020	97	2,166
2021	127	2,293
2022	140	2,433
2023	179	2,612
2024	13	2,625
Grand Total	2,625	

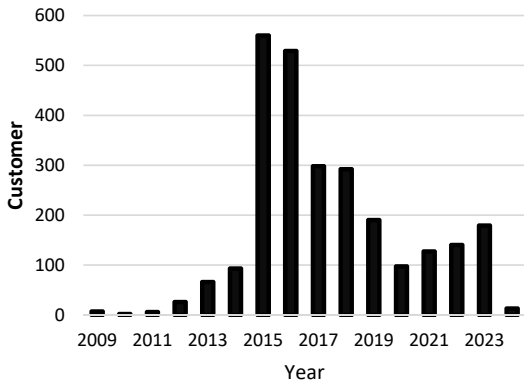
Yearly Installed kW



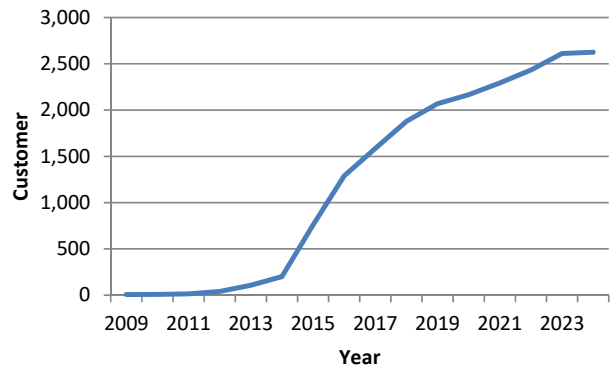
Cumulative Installed kW



Yearly Connected Customer Count



Cumulative Connected Customer Count



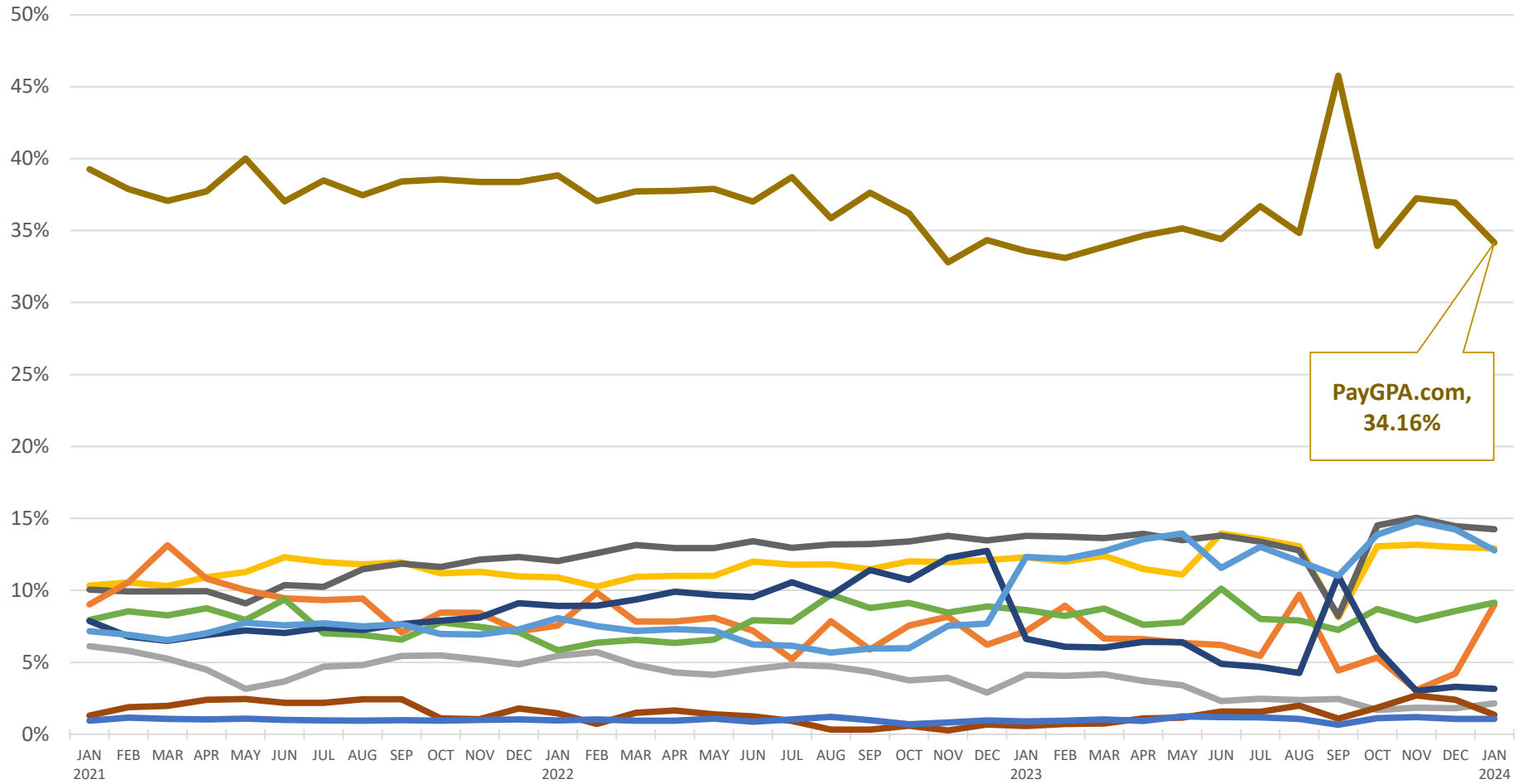
GPA Work Session - February 22, 2024 - GM REPORT UPDATES

ENGINEERING WORK ORDERS

Engineering Work Order Summary - January 2024	
Work Orders Received from CSR	184
Work Orders Processed & Released to T&D	122
Work Orders Processed & Released to CSR	N/A
Work Orders Cancelled	1
Work Orders Pending Survey	12
Total Pending WO at Engineering	196

Engineering Large Customer, GPI and Net Metering Tracking						
Date Received	Customer Name	Work Order Numbers	Location	kVA	Meter Qty	Status
3/1/2018	Docomo Pacific Inc., New Data Center	Pending Application	Talofofo	3,000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Currently in design pending updates from designer.
10/10/18	Don Sadwahni (Industrial Subdivision)	465341	Harmon	2,000	4	New Industrial Subdivision, inspection of civil work only, Proposed 12 Pad Mounted Xfms 100% Completed, pending submission of meter applications. Work orders for the streetlights and the new GWA pump station have been forwarded to T&D. Pending new customers ~80 lots.
05/14/19	Joyrich Group LLC	Multiple	Tamuning	150	17	New 17 Unit Apartments, 90% completed, 150 kVA. No recent progress.
11/19/20	Paradise Subdivision (Old Price Rd)	Pending Applications	Mangilao	170	17	17 Unit subdivision, pending submission of plans and permitting. 75%
04/06/21	LF Corp ABA American Grocery	4885427	Barrigada	500	1	New American Grocery. This is 92% completed.
06/30/21	Guam Five Star Corporation (Sienna Gardens)	Multiple	Dededo	1,160	116	New 116 Unit Subdivision, 45 application submitted, 100 Applications pending, 45 units completed and energized. Pending submission of applications for the remaining units.
08/01/21	DPW Primary Village and Secondary	Multiple	Island Wide	29.7	394	New Streetlight 445 street light applications released to T&D as of July 31, 2022.
10/31/21	GTA Data Center (Camp Watkins)	Pending Application	Tamuning	2,500	1	New Data Center, 2500 kVA, pending submission of revised plans showing 13.8 kV primary metered facilities. GTA looking at adding a 34.5 kV backup up to 6MVA. Temporary power completed
11/01/21	IT&E Data Center (Harmon)	Pending Application	Tamuning	4,500	3	New Data Center, 2500 kVA, pending submission of plans and permitting. GPI ongoing.
03/13/23	Core Tech (Summer Vista) Phase 2	Pending Application	Dededo	800	160	Proposed May 2024
03/13/23	Core Tech (Summer Vista) Phase 3 & commercial bldg	Pending Application	Dededo	1300	260	Proposed June 2025; 160 units and possible 100 meters for commercial center
05/02/23	Missile Defense Agency Sites (MDA)	Pending Application	Various Locations Islandwide	21,800		5 sites for only MDA, pending additional loads from other military agencies. Loading update 5/2/2023. Most loads will be connected via transmission or from military substations. Final still pending.
08/21/23	Hon Hui (Tumon) Former royal palm	Pending Application	Tumon	3,500	1	Pending Application.
09/15/23	Wellborn Yigo housing across Mormon church	Pending Application	Yigo		100	Customer has submitted civil design.
09/15/23	Possible 36 unit apartments across Ladera	Pending Application	Mangilao	180	36	Pending Application.
09/15/23	Canton Tasi (Palisade) subdivision Tiyan	Pending Application	Tiyan	120	20	Pending Application.
09/21/23	Army GDS 3 (former Navy Turner Housing, Nimitz Hill)	Pending Application	Nimitz Hill	306		Coordination with NAVFAC. Expected for Year 2027
09/21/23	Army GDS 11A (NEXRAD/Eagle's Field)	Pending Application	Mangilao	175		Coordination with NAVFAC
09/21/23	Army, P-549 Battalion Headquarters	Pending Application	Radio Barrigada	400		GPA proposed using navy feeder. Navy requested to use P-213.
09/21/23	Sunshine Subdivision Chalan Kirida	Pending Application	Mangilao		65	Backroad Subdivision. Civil works only.
10/11/23	Army, Dandan	Pending Application	Talofofo	287		Pending more information
10/11/23	Army, Site No. 12	Pending Application	TBD	163		Pending more information
10/11/23	Army, Site No. 13	Pending Application	TBD	163		Pending more information
11/13/23	10 Unit Apartment	Pending Application	Mangilao	50	10	Iglesias St. (near Ladera); Pending design plans/drawings.
12/05/23	CoreTech batching plant upgrade	507774	Dededo	500		Proposed increase from 225kVA to 750kVA
12/29/23	J524 Development, LLC Tract 10441	Pending Application	Yigo	963	82	Formerly Lot No. 7134; East of Latte Estates; Full Underground per Application No. 2024-03 under V. Project Description; Proposed main line to come from housing on left. (Design load 963 kVA)
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		73	Pending Net Metering Customers
Total				57,729	1551	

Customer Service (Administration Division)
 Percentage of transactions by collection point
 January 2021 - January 2024



PayGPA.com,
34.16%

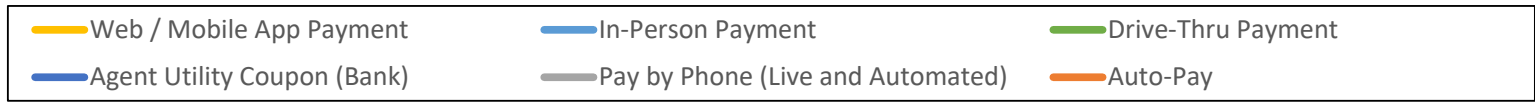
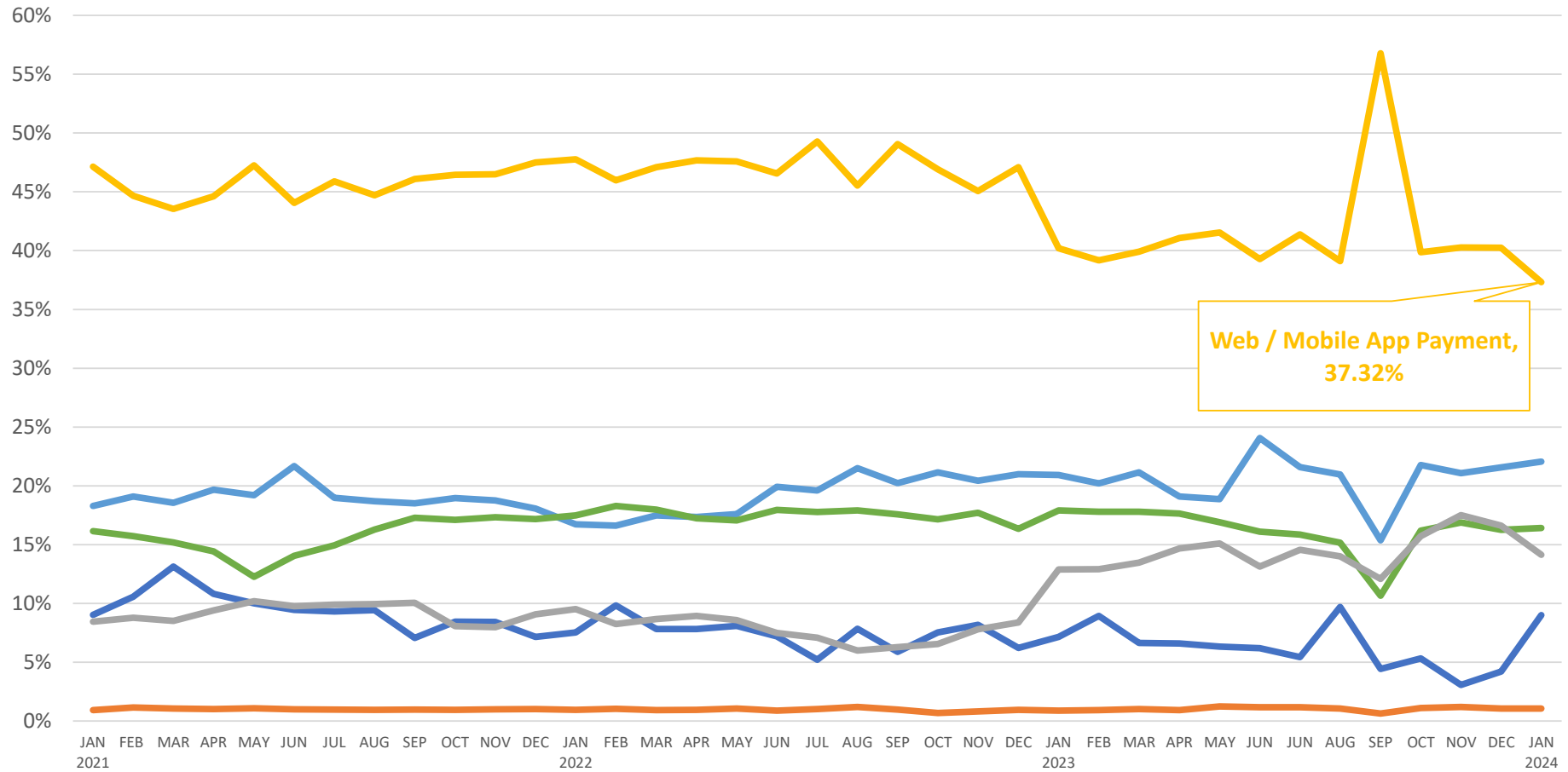


Customer Service (Administration Division)

Percentage of transactions by collection platform type

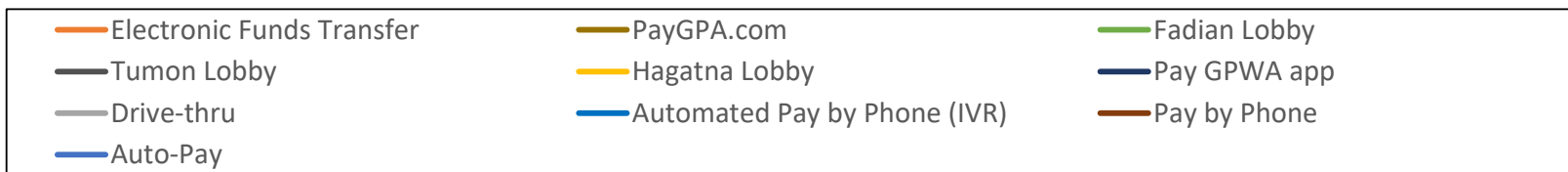
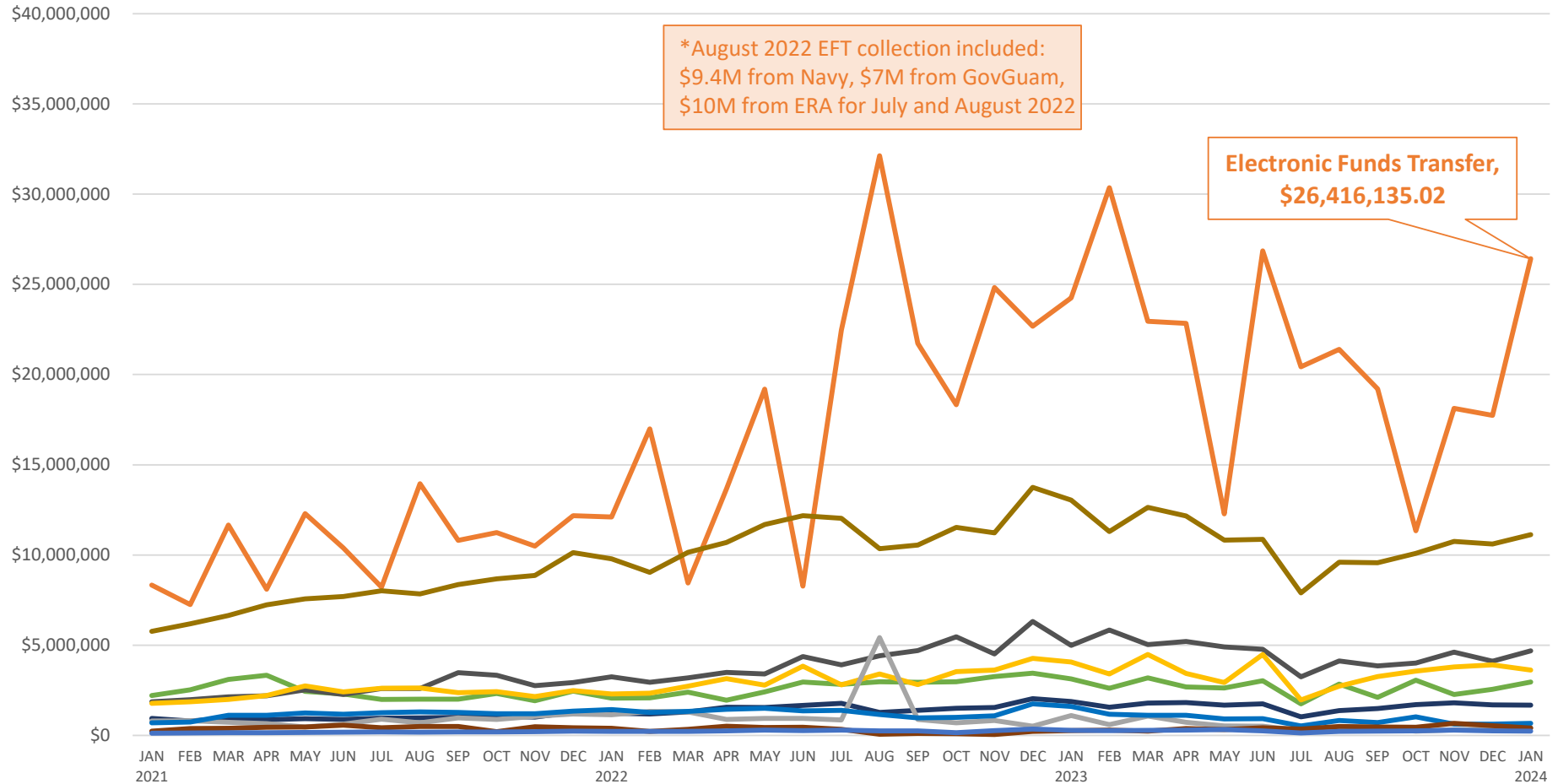
(KPI 1.2.4 – Increase web, pay-by-phone, and prepay payments)

January 2021 - January 2024



Customer Service (Administration Division)

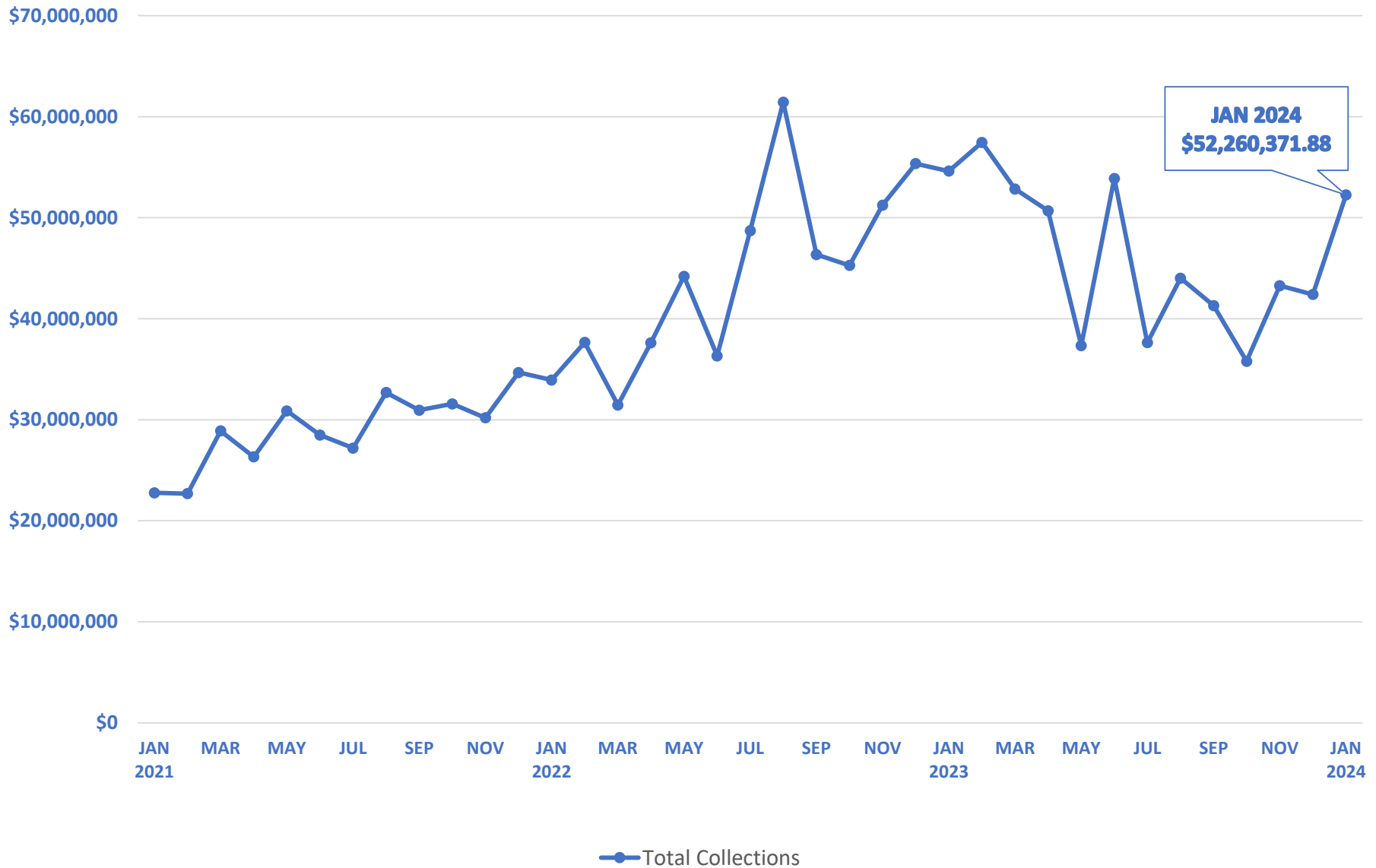
Dollar amount collected per collection point
January 2021 - January 2024



Customer Service (Administration Division)

Collections per month

January 2021 - January 2024

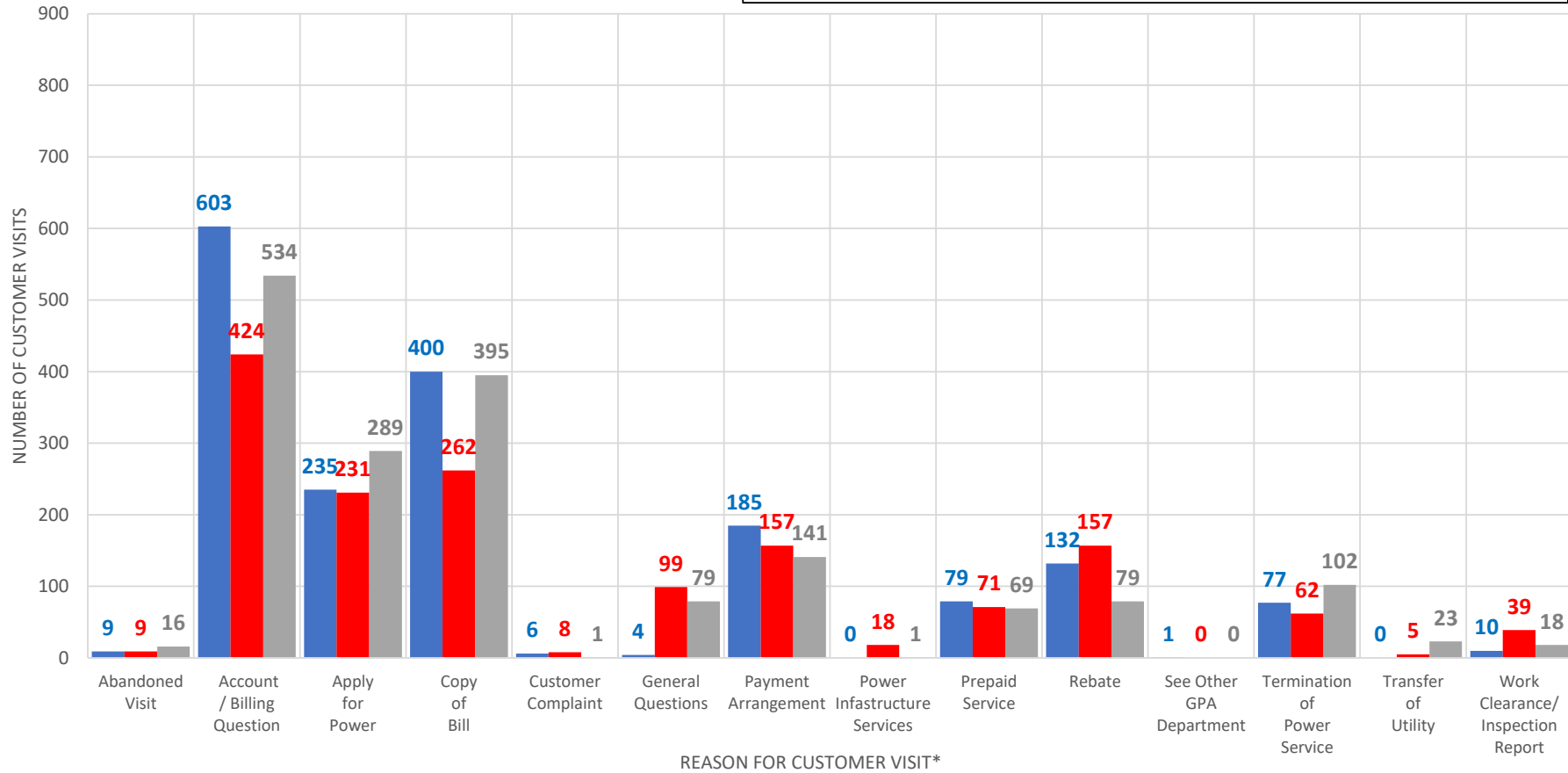


Customer Service (Administration Division)

Reason for Visit by Location
January 2024



Top 5 Reasons for Visit by Location		
Hagatna	Fadian	Tumon
1. Acct / Billing Question	Acct / Billing Question	Acct / Billing Question
2. Copy of Bill	Copy of Bill	Copy of Bill
3. Apply for Power	Apply for Power	Apply for Power
4. Payment Arrangement	Rebate	Payment Arrangement
5. Rebate	Payment Arrangement	Termination of Service

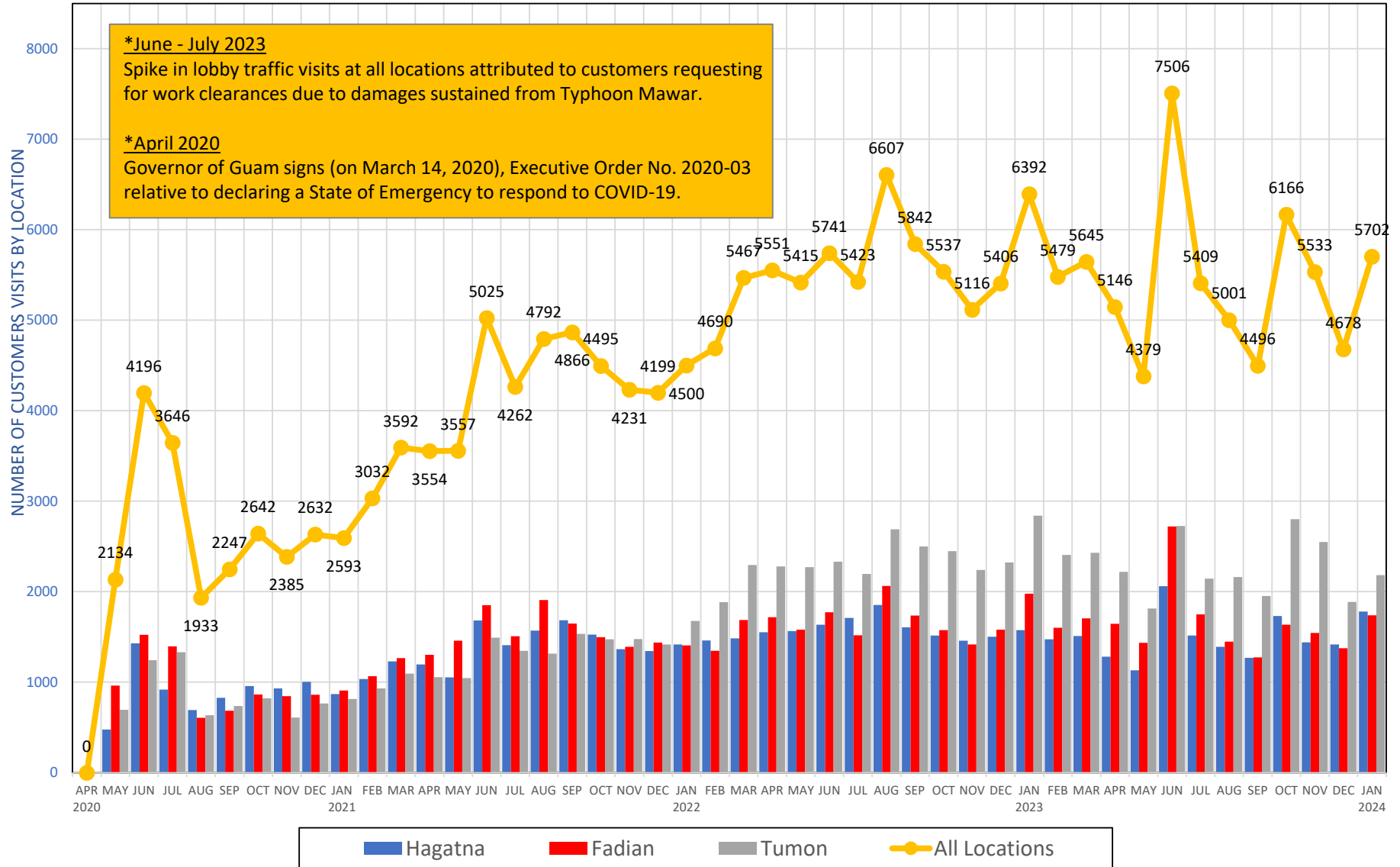


*Each count per Reason for Customer Visit represents a customer who visits one of our lobbies. During their visit, the customer will only be counted once, regardless of the number of services provided to the customer. Their reason for visit will be coded based on their initial or primary reason for visit. Each reason for customer visit option shall include but not be limited to, an inquiry of service, submission of an application, submission of multiple applications, submission of supporting documents, customer question regarding the service, customer follow-up, etc.

Customer Service (Administration Division)

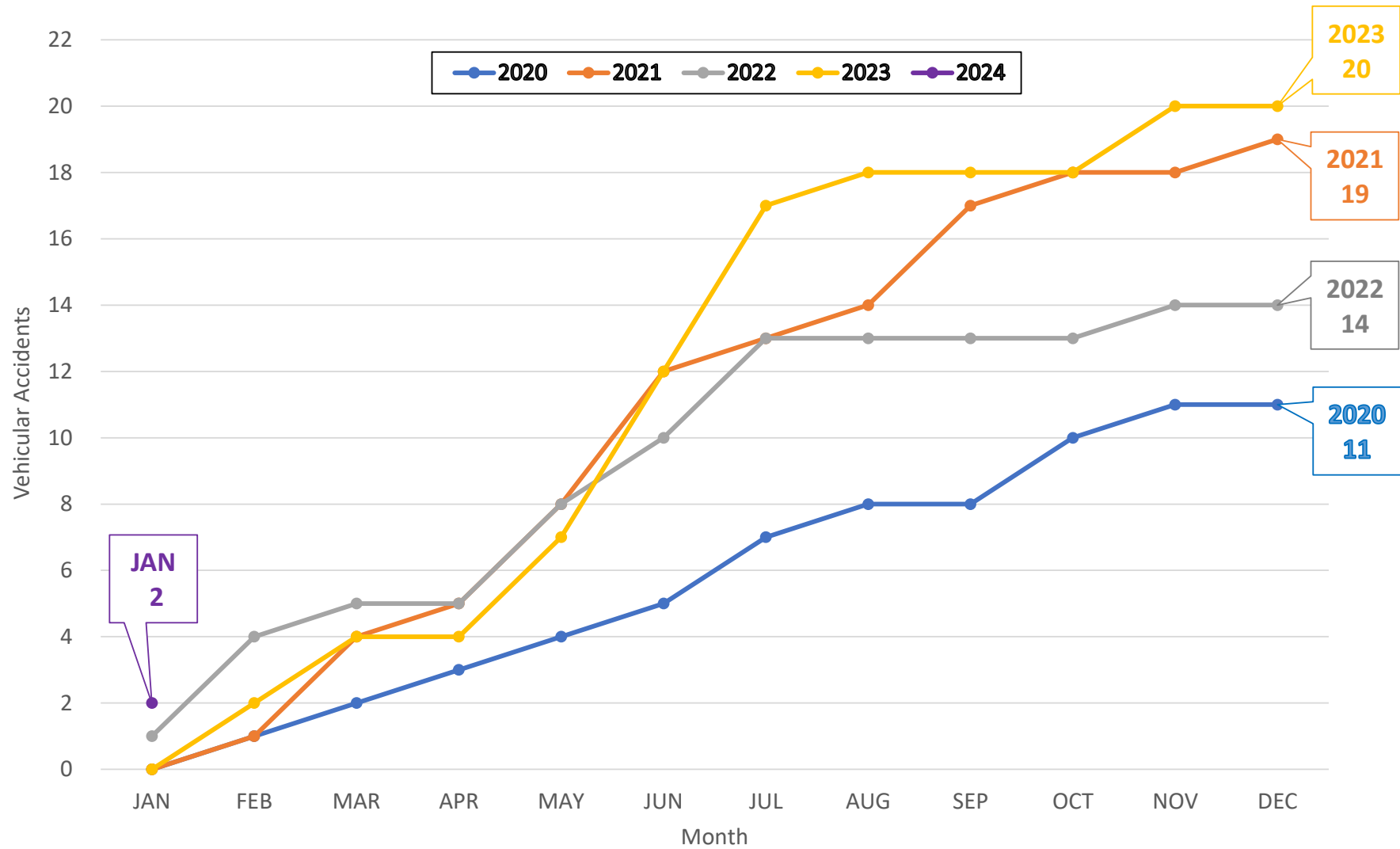
Lobby Traffic by Location (KPI 1.2.3. Reduce Service Center Traffic)

January 2024



Safety (Administration Division)

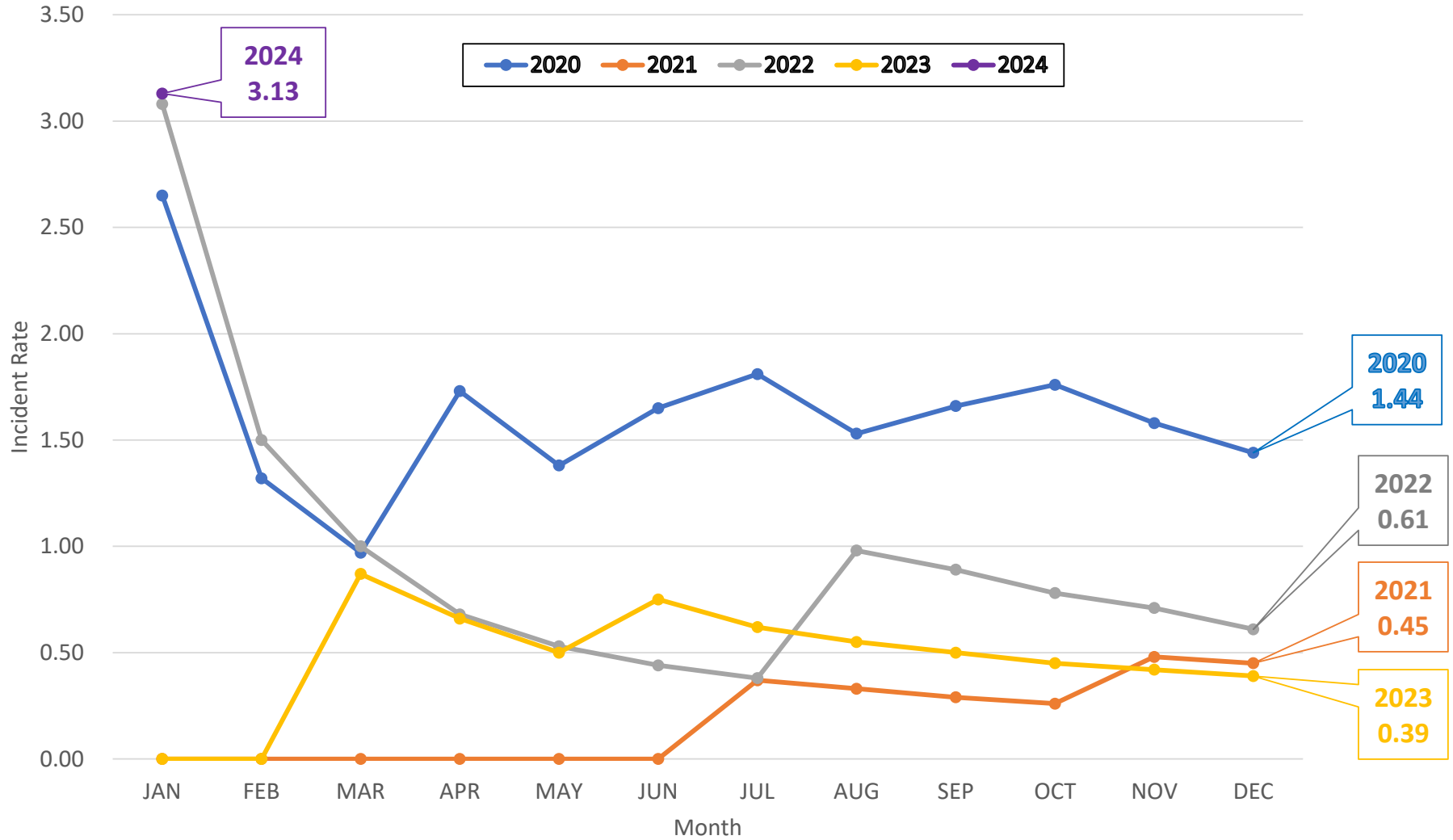
Number of Vehicular Accidents January 2024



Safety (Administration Division)

Incident Rate by Year

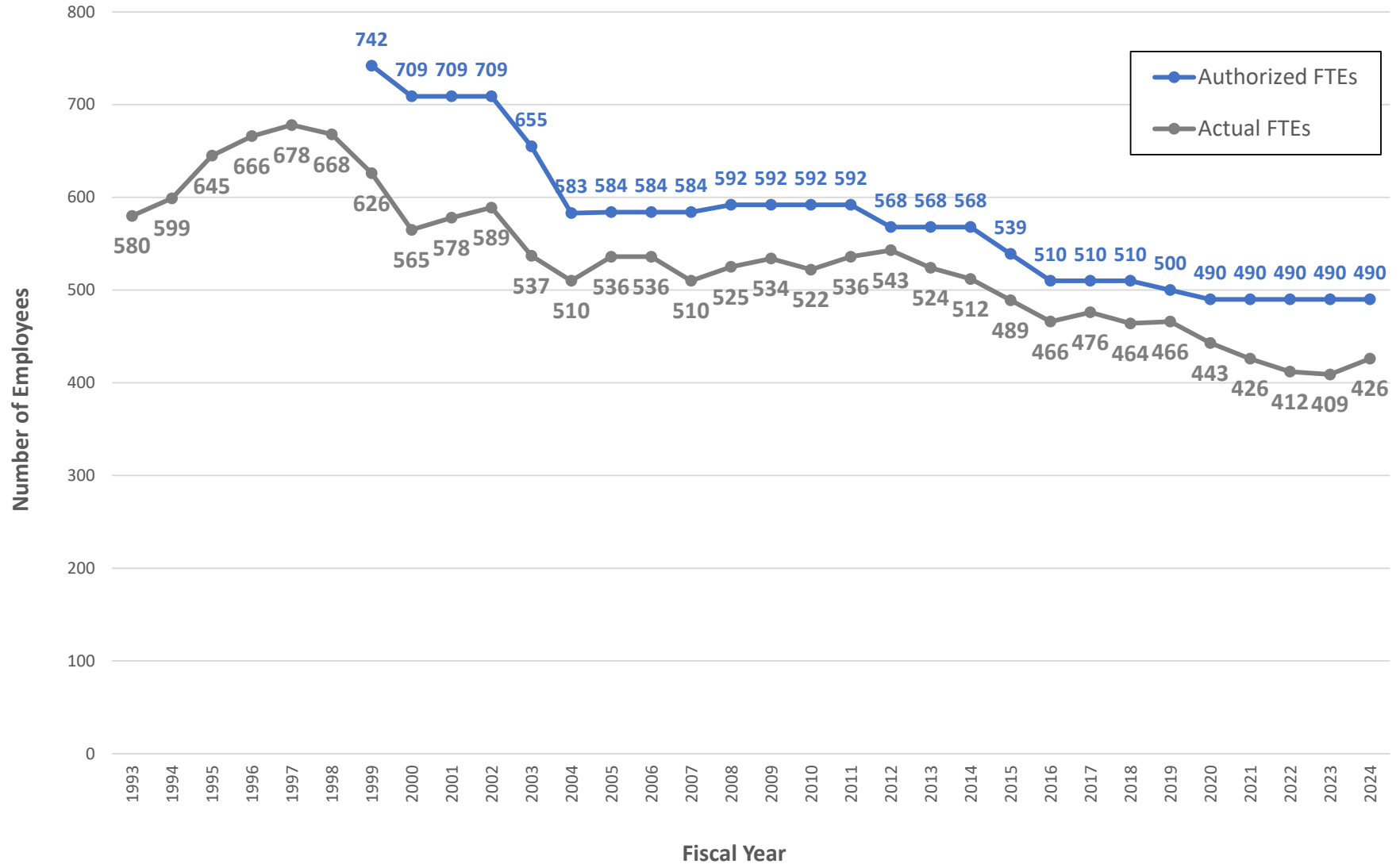
January 2024



Human Resources (Administration Division)

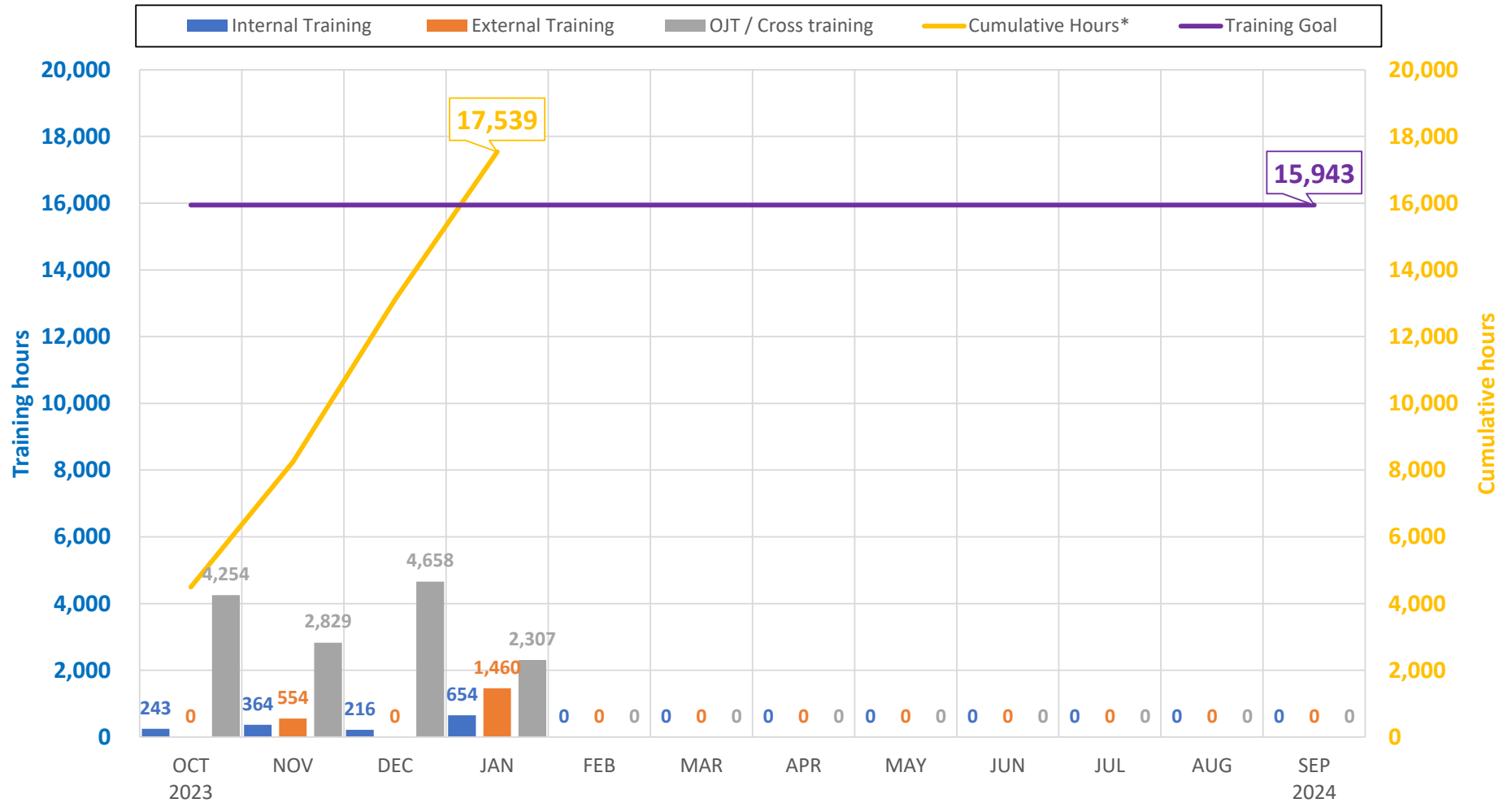
Full-time Equivalency (FTE)

January 2024 (FY 2024)



Human Resources (Administration Division)

Cumulative Training Hours for Fiscal Year 2024 as of January 2024



*For fiscal year 2024, the training goal has been set at 15,943 hours or 2% of 797,152 total straight hours worked for FY 2023. As of January 2024, GPA has achieved **110.18%** progress towards its cumulative hours training goal.

Human Resources (Administration Division)**Recruitment Activity**2nd Quarter – FY 2024

NO.	PROBATIONAL APPOINTMENTS	EFFECTIVE	POSITION	DIV/SECT
1	Chelsy Marie L.G. Mafnas	01/02/2024	Utility Cashier I	Cash Management
2	Christine Lorraine L. Oliva	01/02/2024	Utility Cashier I	Cash Management

NO.	PROMOTIONS	EFFECTIVE	POSITION	DIV/SECT
1	Raul P. Concepcion	01/09/2024	Plant Maintenance Supervisor	Generation / Water Systems
2	Arman F. Guieb	01/09/2024	Plant Maintenance Supervisor	Generation / Central Maintenance
3	Ryan G. Gumataotao	01/09/2024	Plant Operator / Maintenance Supervisor	Generation / Combustion Turbine
4	Vincent S. Naputi	01/09/2024	Plant Operator / Maintenance Supervisor	Generation / Diesel Plant
5	Gregory G. Perez, Jr.	01/09/2024	Plant Operator / Maintenance Supervisor	Generation / Combustion Turbine
6	Daniel B. Quenga	01/09/2024	Plant Maintenance Supervisor	Generation / Central Maintenance
7	Jacob S. Quintanilla	01/09/2024	Plant Operator / Maintenance Leader	Generation / Combustion Turbine
8	Roy J. Cruz	01/10/2024	Carpenter II	Facilities Management

NO.	TRANSFER & PROMOTION	EFFECTIVE	POSITION	DIV/SECT
1	Troy S. Andersen	01/09/2024	Plant Shift Supervisor	Generation / Cabras 1 & 2
2	Agustin Q. Gumataotao	01/09/2024	Plant Operator / Maintenance Supervisor	Generation / Diesel Parent

NO.	RESIGNATIONS	EFFECTIVE	POSITION	DIV/SECT
1	Jay A. Aguero	01/03/2024	Plant Electrician Leader	Generation / Water Systems
2	Eugene N.C. Rivera	01/10/2024	Plant Maintenance Welder III	Generation / Central Maintenance
3	Nicollette V. Velasco	01/16/2024	Utility Cashier I	Cash Management

NO.	RETIREMENTS	EFFECTIVE	POSITION	DIV/SECT
1	Alan C. Pisaro	01/12/2024	Maintenance Planner	Generation / Administration

Procurement (Administration Division)

Notable RFP monthly status update

January 2024

BID NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 01/31/2024)
RFP-22-004	Utility Resource Planning Software	04/21/2022 04/28/2022	06/23/2022 @ 4:00 p.m.	In progress: Pending vendor's best and final offer.
Re-Solicitation RFP-22-006	Clevert Mobil Workforce Software Services	11/01/2022 11/08/2022	12/16/2022 @4:00 p.m.	In progress: On-going negotiations.
Re-Solicitation RFP-22-007	DNP3 Secure Authentication Services	12/09/2022 12/15/2022	12/28/2022 @ 4:00 p.m.	In progress: Contracts negotiation stage.
Re-Solicitation RFP-23-002	Medical Review Officer Services	07/13/2023 07/20/2023	09/22/2023 @ 4:00 p.m.	In progress: Preparing purchase order for budget certification.
RFP-23-004	GPWA OMNI Channel Development & Maintenance	03/16/2023 03/23/2023	04/13/2023 @ 4:00 p.m.	In progress: Pending vendor's response to clarification letter.
Re-Solicitation RFP-23-005	Drug and Alcohol Collection and Testing Services	07/13/2023 07/20/2023	09/07/2023 @ 4:00 p.m.	In progress: Pending purchase order for budget certification.
GPA-RFP-24-001	Annual Emission Testing	01/25/2024 02/01/2024	02/22/2024 @ 4:00 p.m.	In progress: Closing date 02/22/2024 @ 4:00 p.m.
GPA-RFP-24-002	Home Energy Audit	12/28/2023	02/29/2024 2:00 p.m.	In progress: Closing date 02/29/2024 @ 2:00 p.m.
GPA-RFP-24-004	Continuous Emissions Monitoring System & RICE MACT Operations and Maintenance	01/25/2024 02/01/2024	02/22/2024 @ 4:00 p.m.	In progress: Closing date 02/22/2024 @ 4:00 p.m.
Multi-Step Bid GPA-042-22	Fadian Public Parking Lot Solar Canopy	08/09/2022 08/16/2022	12/01/2023 @ 2:00 p.m.	On-hold: No submission at the time of bid opening. Pending end-user specifications prior to re-bid.
GPA-050-22	Piti7 Fire Protection And Smoke Alarm System (Design) Build	08/25/2022 09/01/2022	01/11/2023 @ 10:00 a.m.	In progress: Pending cancellation memo from end-user.

Procurement (Administration Division)

Notable RFP monthly status update

January 2024

BID NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 01/31/2024)
Re-Bid GPA-051-22	Piti 7 Gas Turbine Power Plant with the Replacement of New and/or Refurbished Starting Diesel Engine and Crankshaft	01/24/2023 01/31/2023	02/22/2023 10:00 a.m.	In progress: Pending sole source justification memo from end-user.
Multi-Step Bid GPA-012-23	Renewable Energy Resource Acquisition Phase IV	12/01/2022 12/09/2022	11/06/2023 @ 2:00 p.m.	In progress: System Impact Study (SIS).
GPA-013-23	Water Systems Diesel Corrosion Control and Painting Services	12/01/2022 12/09/2022	01/17/2023 @ 10:00 a.m.	In progress: Pending cancellation memo from Facilities end-user.
GPA-014-23	2023 New 6X6 Wheel Hydraulic Excavator with Rotary Mower	12/09/2022 12/16/2022	04/04/2023 @ 10:00 a.m.	In progress: Pending OAG response of cancellation.
GPA-015-23	Gloria B. Nelson Public Services Building – Employee Vehicle Gate Upgrades (Design- Build)	12/20/2022 12/27/2022	02/16/2023 @ 11:00 a.m.	On-Hold: No submission at the time of bid opening. Pending end-user advisement on how to further proceed.
Multi-Step Bid GPA-016-23	Petroleum Inspection Testing Services for Residual Fuel Oil NO.6	01/03/2023 01/10/2023	02/15/2023 @ 11:00 a.m.	In progress: Pending vendor's Performance Bond submission.
GPA-026-23	2023 New Tractor with Boom Mower and Rear Deck Pan Mower	01/26/2023 02/02/2023	03/10/2023 @ 10:00 a.m.	In progress: Pending end-user advisement on how to further proceed or if requirement is still needed due to vendor's price expiring.
Re-Bid GPA-031-23	Miscellaneous Electrical Materials	07/18/2023 07/25/2023	08/02/2023 @ 2:00 p.m.	In progress: Pending price re-validation.
Multi-Step Bid GPA-040-23	Bulk Supply of Diesel Fuel Oil No.: 2	06/08/2023 06/15/2023	09/14/2023 @ 2:00 p.m.	In progress: Contract negotiation stage.
GPA-041-23	Pad Mounted Transformers	06/08/2023 06/15/2023	06/29/2023 @ 10:00 a.m.	In progress: Pending price re-validation.

Procurement (Administration Division)

Notable RFP monthly status update

January 2024

BID NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 01/31/2024)
GPA-043-23	Wires	06/08/2023	06/22/2023 @ 2:00 p.m.	In progress: Pending price re-validation.
GPA-057-23	Splice Kits	07/18/2023 07/25/2023	08/03/2023 @ 10:00 a.m.	In progress: Pending price re-validation.
GPA-058-23	Miscellaneous Electrical Materials	07/18/2023 07/25/2023	08/10/2023 @ 10:00 a.m.	In progress: Pending price re-validation.
GPA-060-23	Wires	09/28/2023 10/05/2023	08/10/2023 @ 10:00 a.m.	In progress: Pending purchase order print and status letters for management approval.
GPA-063-23	Miscellaneous Electrical Supplies	07/11/2023 07/18/2023	08/02/2023 @ 11:00 a.m.	In progress: Pending price re-validation.
GPA-073-23	Insulator, Line Post Clamp Top	08/10/2023	08/17/2023 @ 11:00 a.m.	In progress: Pending management approval of purchase order and status letters.
GPA-074-23	Wires	08/10/2023	08/29/2023 @ 10:00 a.m.	In progress: Pending management approval of purchase order and status letters.
Re-Bid GPA-076-23	Merchant Banking Services	10/24/2023 10/31/2023	11/07/2023 @9:00 a.m.	In progress: Phase II & III sent to the OAG for review and approval.
GPA-078-23	Pad Mounted Transformers	08/17/2023 08/24/2023	09/07/2023 @ 9:00 a.m.	In progress: Pending management approval of purchase order and status letters.
GPA-079-23	Miscellaneous Insulators	08/17/2023 08/24/2023	09/07/2023 @ 11:00 a.m.	In progress: Pending vendor acknowledgement of purchase order.
GPA-001-24	Pole Mounted Transformers	11/07/2023 11/14/2023	11/21/2023 @ 2:00 p.m.	In progress: Pending TCO submission from Engineering.
GPA-002-24	Wires	10/31/2023 11/07/2023	11/14/2023 @ 9:00 a.m.	In progress: Pending budget certification.

Procurement (Administration Division)

Notable RFP monthly status update

January 2024

BID NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 01/31/2024)
GPA-004-24	Pole Mounted Transformers	10/31/2023 11/07/2023	11/15/2023 @ 9:00 a.m.	In progress 14-day protest period.
GPA-005-24	Pole, Concrete, 35 ft., Class B	10/24/2023 10/31/2023	11/07/2023 @ 10:00 a.m.	In progress: 14-day protest period.
Re-Bid GPA-006-24	LED Luminaire 250W Unit	10/31/2023 11/07/2023	02/15/2024 @ 9:00 a.m.	In progress: Pending management approval of re-bid specifications.
GPA-007-24	Pole, Concrete, 45 ft., Class B	12/12/2023 12/14/2023	12/27/2023 @ 10:00 a.m.	In progress: Phase III sent to the OAG for review and approval.
GPA-008-24	Pole Mounted Transformers	11/07/2023	11/28/2023 @ 10:00 a.m.	In progress: Preparing purchase order for budget certification.
GPA-009-24	Fuse Cutout	10/31/2023 11/07/2023	11/14/2023 @ 11:00 a.m.	In progress: Preparing bid committee recommendation for management approval.
GPA-010-24	Gloria B. Nelson Public Service Building Accordion Shutters	10/24/2023 10/31/2023	11/29/2023 @ 10:00 a.m.	In progress: Pending budget certification.
GPA-011-24	Emergency Power Backup UPS with New Power Supply Module and Fuse	10/24/2023 10/31/2023	11/08/2023 @ 11:00 a.m.	In progress: Pending management approval of purchase order and status letters.
GPA-013-24	Pad Mounted Transformers	11/21/2023 11/28/2023	12/05/2023 @ 10:00 a.m.	In progress: Pending budget certification.
GPA-015-24	Pad Mounted Transformers	10/31/2023 11/07/2023	11/15/2023 @ 11:00 a.m.	In progress: 14-day protest period.
GPA-020-24	Wires	12/21/2023 12/28/2023	01/11/2024 @ 9:00 a.m.	In progress: Preparing bid committee recommendation for management approval.
GPA-021-24	Pad Mounted Transformers	12/21/2023 12/28/2023	01/09/2024 @ 10:00 a.m.	In progress: Preparing purchase order for budget certification.

Procurement (Administration Division)

Notable RFP monthly status update

January 2024

BID NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 01/31/2024)
GPA-022-24	Wires	12/21/2023 12/28/2023	01/11/2024 @ 11:00 a.m.	In progress: Pending committee evaluation.
GPA-023-24	Guy Compression Fitting	12/21/2023 12/28/2023	01/09/2024 @ 11:00 a.m.	In progress: Pending Staff Attorney legal determination.
GPA-024-24	Wires	12/21/2023 12/28/2023	01/11/2024 @10:00 a.m.	In progress: Preparing purchase order for budget certification.
GPA-025-24	Crossarm, Composite, 8-foot	01/23/2024 01/30/2024	02/06/2024 @9:00 a.m.	In progress: Closing date 02/06/2024 @ 9:00 a.m.
GPA-026-24	Connectors	01/23/2024 01/30/2024	02/06/2024 @ 10:00 a.m.	In progress: Closing date 02/06/2024 @ 10:00 a.m.
GPA-028-24	Pad Mounted Transformers	02/01/2024 02/08/2024	02/15/2024 @ 10:00 a.m.	In progress: Closing date 02/15/2024 @ 10:00 a.m.
GPA-030-24	Wires	02/01/2024 02/08/2024	02/16/2024 @ 9:00 a.m.	In progress: Closing date 02/16/2024 @ 9:00 a.m.
GPA-031-24	Pole Mounted Transformers	02/01/2024 02/08/2024	02/16/2024 @ 10:00 a.m.	In progress: Closing date 02/16/2024 @ 10:00 a.m.
GPA-032-24	Crossarm	02/01/2024 02/08/2024	02/15/2024 @11:00 a.m.	In progress: Closing date 02/15/2024 @ 11:00 a.m.
GPA-033-24	Pad Mounted Transformers	01/23/2024 01/30/2024	02/13/2024 @ 10:00 a.m.	In progress: Closing date 02/13/2024 @ 10:00 a.m.

Procurement (Administration Division)

Bid Protests & Appeals Status

January 2024

IFB, MS BID, or RFP	BID NUMBER	DESCRIPTION	FILER	Stay of Procurement Issue Date	Stay of Procurement Lift Date	Status/Comments
IFB	Re-Bid GPA-023-18	2018 Aluminum Body, 2-Wheel Drive Step Van	Morrigo	05/01/2018		Roberts Fowler & Visosky Office filed protest
IFB	GPA-IFB-081-18	2018, 2-Wheel Steel Body Step Van	Morrigo	06/15/2018		Roberts Fowler & Visosky Office filed protest
IFB	GPA-IFB-043-20	Voice & Data Services	Pacific Data Systems	06/09/2020		Pending legal action with revised bid specifications as of 05/19/2022
IFB	GPA-IFB-059-21	Substation Network Switch	Pacific Data Systems	09/09/2021		Pending Legal Determination
IFB	GPA-IFB-057-21	Bolts, Double Arming, Galvanize 5/8" x 20"	R&D Marketing	09/10/2021		Pending Legal Determination
IFB	GPA-014-22	Desktop Computers	Pacific Data Systems	02/21/2022		Pending Legal Determination
IFB	Re-Bid GPA-002-23	Fleet & Fuel Management Software Services for GPA/GWA	Track Me Guam			Pending Legal Determination – IFB was cancelled due to non-conformance (2 bidders) administratively. NOTE: IFB was cancelled prior to protest.
IFB	GPA-044-23	Wires	America's Best Electricmart	10/16/2023		ABE filed a formal protest on 10/16/2023. Pending legal determination.

PROTESTS

Procurement (Administration Division)

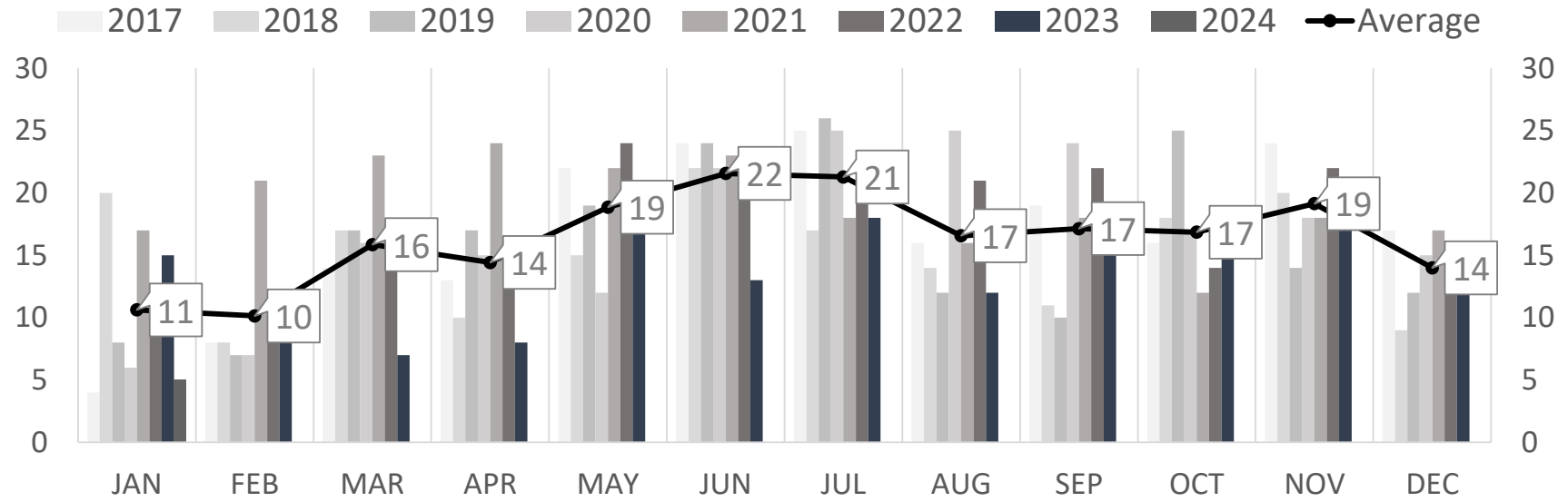
Bid Protests & Appeals Status

January 2024

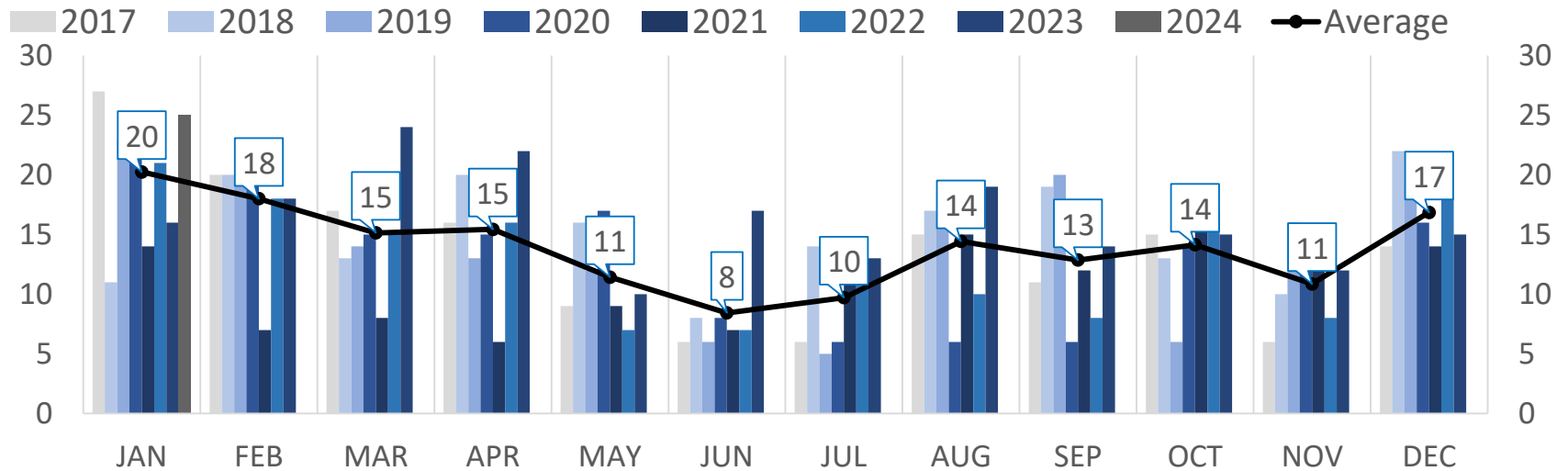
IFB, MS BID, or RFP	BID NUMBER	DESCRIPTION	OPA or Civil Case No.	Notice of Appeal Receipt Date	Notice of Appeal Hearing Date	Status/Comments
RFP	GPA RFP-21-002	Professional Print, Mailing and Processing Services Related to Utility Customer Billing	OPA-PA-21-012	10/25/2021		Pending Superior Court Decision. Requested Price Revalidation.
RFP	OP# 28553	Installation of additional access control systems for lobby elevators & stairways #3 located at Gloria B. Nelson Public Service Building in Mangilao	OPA-PA-023-001			Procurement Record Hearing Request – Declaration Regarding Court Action – Entry of Appearance and Hearing Request – The Conflict Check filed on 1/27/2023

APPEALS

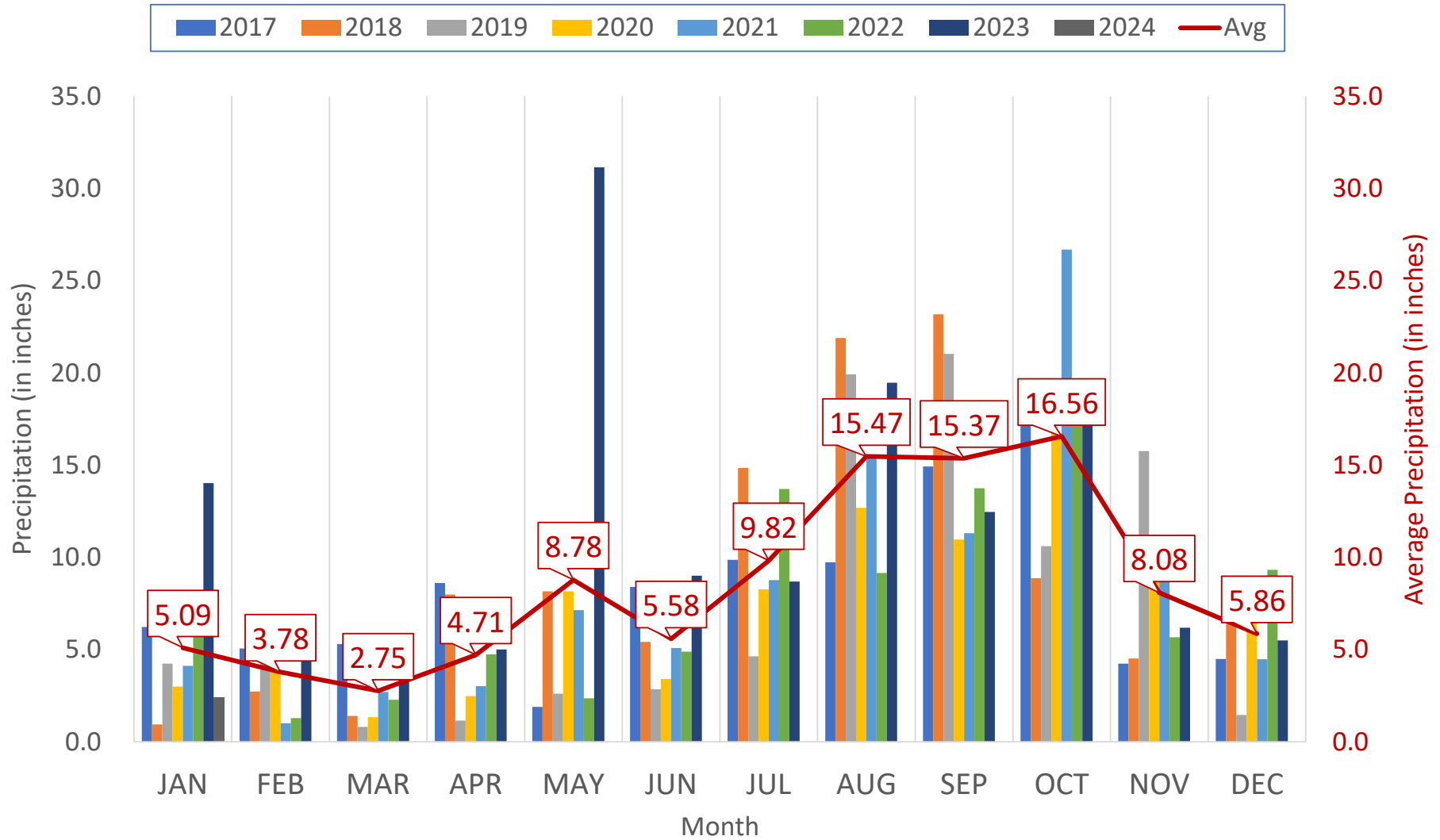
Average Fair Days
2017 to 2024 (January)



Average Cloudy (includes partially cloudy days)
2017 to 2024 (January)



Average precipitation by month January 2017 to January 2024



*May 2023 - Typhoon Mawar

** October 2021 - No heavy-hitting tropical cyclones during this record-breaking month, just steady showers

GPA Work Session - February 22, 2024 - GM REPORT UPDATES

GUAM POWER AUTHORITY
 GOVERNMENT ACCOUNTS RECEIVABLE
 Billing up to JANUARY 31, 2024 and payments as of 02/13/2024

Current (12/31/2023 Billing due 03/01/2024)
 31 days Arrears (12/31/2023 due 01/31/2024)
 61 days and over Arrears (11/30/23 billing due 12/30/2023)

CC&B New Acct Number	DEPARTMENT	BALANCE 12/31/2023	CANCEL/REBILL/ OTHER CHARGES 02/13/2024	BILLING 01/31/2024	PAYMENT UP TO 02/13/2024	BALANCE 01/31/2024	CC&B BALANCE 02/13/2024	
Line Agencies								
3404311949	LINE AGENCIES	Guam Environmental Protect	9,094.94	-	8,519.56	(9,094.94)	8,519.56	8,519.56
4554808900	LINE AGENCIES	Nieves Flores Library	24,609.02	-	11,295.89	(24,609.02)	11,295.89	11,295.89
6069461950	LINE AGENCIES	Dept of Youth Affairs (Federal)	652.58	-	579.00	-	579.00	579.00
6293410000	LINE AGENCIES	Office of the Governor	70,910.55	-	28,405.27	(70,910.55)	28,405.27	28,405.27
6841080463	LINE AGENCIES	Guam Behavioral Health & Wellness	11,324.53	-	5,313.06	(11,324.53)	5,313.06	5,313.06
7928924534	LINE AGENCIES	Guam Visitors Bureau	13,023.01	-	6,919.14	(6,201.49)	13,740.66	13,740.66
8227759982	LINE AGENCIES	Mental Health/Subst.	121,938.02	-	57,469.65	(121,938.02)	57,469.65	57,469.65
7813165805	LINE AGENCIES	Pacific Energy Resource Center	1,463.15	-	688.80	-	688.80	688.80
2913461537	LINE AGENCIES	Dept. of Youth Affairs* (Local)	18,915.85	-	16,308.56	(18,915.85)	16,308.56	16,308.56
1073430238	LINE AGENCIES	Dept. of Corrections	255,373.44	-	79,548.51	(255,373.44)	79,548.51	79,548.51
3558733700	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village (NET METER)	1,018.60	-	432.23	(800.91)	1,102.00	649.92
1099514147	LINE AGENCIES	Dept of Chamorro Affairs/Repository	2,153.56	-	438.98	(2,153.56)	1,949.81	438.98
9541109130	LINE AGENCIES	General Services Agency	1,513.22	-	291.87	-	1,805.09	1,805.09
7663706771	LINE AGENCIES	Yona Senior Citizen Center	5,402.14	-	6,130.98	-	6,130.98	6,130.98
8564647961	LINE AGENCIES	DOA Supply Mgmt (NET METERED)	6,470.17	-	1,201.97	-	7,672.14	7,672.14
0070861777	LINE AGENCIES	Veteran Affairs	9,379.83	-	2,759.46	(6,233.45)	5,905.84	5,905.84
5247210000	LINE AGENCIES	Mayors Council	32,035.01	-	3,136.51	-	35,171.52	35,171.52
4129948191	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village	6,760.57	-	3,095.88	(6,760.57)	6,424.95	3,095.88
4211873236	LINE AGENCIES	Dept. of Administration	66,221.81	-	14,604.07	(22,101.63)	58,724.25	58,724.25
1621790133	LINE AGENCIES	DOA-Data Processing	28,370.76	-	15,021.69	(28,370.76)	15,021.69	15,021.69
1593519809	LINE AGENCIES	Dept. of Agriculture	54,130.08	-	14,844.34	-	32,453.11	21,980.96
8300435373	LINE AGENCIES	Civil Defense (Military Affairs)	126,641.84	-	12,562.98	-	139,204.82	139,204.82
0453170939	LINE AGENCIES	Guam Fire Department	80,924.56	-	19,722.06	-	100,646.62	100,646.62
8558583869	LINE AGENCIES	Dept of Chamorro Affairs (Guam Museum)	105,994.98	-	28,485.36	(81,290.56)	133,076.07	133,076.07
1896187753	LINE AGENCIES	Dept. of PH&SS	131,232.26	-	40,829.13	(8,967.58)	163,093.81	163,093.81
0040515913	LINE AGENCIES	Dept. of Parks & Rec.	13,573.78	-	18,753.47	(18,753.47)	37,999.74	37,999.74
2535990089	LINE AGENCIES	DPW-FAC Adm Account	84,282.85	-	15,483.84	(38,276.89)	69,816.75	61,539.80
6504086547	LINE AGENCIES	DPW-FAC Adm Account (NET METERED)	73,125.52	-	12,466.98	(35,027.95)	60,384.14	50,566.45
7252821074	LINE AGENCIES	Dept. of Education	4,632,605.07	-	1,338,191.14	(1,190,117.01)	4,580,689.10	4,580,689.10
0266069082	LINE AGENCIES	Guam Police Department	132,017.78	-	45,759.73	(132,017.78)	45,759.73	45,759.73
	Sub-total		6,145,102.38		1,603,857.87	(2,137,815.19)	5,725,892.12	5,611,145.06

AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
8,519.56	-	-	-	-	8,519.56
11,295.89	-	-	-	-	11,295.89
579.00	-	-	-	-	579.00
28,405.27	-	-	-	-	28,405.27
5,313.06	-	-	-	-	5,313.06
6,919.14	6,693.84	127.68	-	-	13,740.66
57,469.65	-	-	-	-	57,469.65
688.80	-	-	-	-	688.80
16,308.56	-	-	-	-	16,308.56
79,548.51	-	-	-	-	79,548.51
432.23	217.69	-	-	-	649.92
438.98	-	-	-	-	438.98
291.87	288.36	295.41	298.94	630.51	1,805.09
728.84	788.64	800.66	810.93	3,002.81	6,130.98
1,201.97	1,642.91	1,657.17	1,483.89	1,686.20	7,672.14
2,759.46	3,146.38	-	-	-	5,905.84
3,136.51	3,516.19	3,607.83	3,561.92	21,249.07	35,171.52
3,095.88	-	-	-	-	3,095.88
14,604.07	15,233.22	15,541.16	13,345.80	-	58,724.25
15,021.69	-	-	-	-	15,021.69
14,844.34	7,136.62	-	-	-	21,980.96
12,562.98	11,706.64	11,061.25	13,621.71	90,252.24	139,204.82
19,722.06	20,556.62	20,383.50	20,468.67	19,515.77	100,646.62
28,485.36	24,704.42	-	-	-	53,189.78
40,829.13	43,093.31	41,113.67	38,057.70	-	163,093.81
18,753.47	18,199.51	1,046.76	-	-	37,999.74
15,483.84	16,201.50	15,808.94	13,795.40	250.12	61,539.80
12,466.98	13,712.51	13,948.31	10,436.75	-	50,566.45
1,138,191.14	1,110,554.75	1,166,945.14	1,152,836.59	12,352.48	4,580,689.10
45,759.73	-	-	-	-	45,759.73
1,603,857.87	1,297,393.11	1,292,337.48	1,268,617.40	148,939.20	5,611,145.06

Mayors								
6393530237	MAYORS	Hagatna Mayor	3,999.54	-	784.11	-	4,783.65	4,783.65
4469579998	MAYORS	Merizo Mayor	8,505.07	-	1,522.70	-	10,027.77	10,027.77
1880297633	MAYORS	Talofolo Mayor	5,689.60	-	1,212.60	-	6,902.20	6,902.20
3492244686	MAYORS	Asan/Maina/Adelup Mayor	11,108.26	-	1,652.54	-	12,760.82	12,760.82
3293808984	MAYORS	Piti Mayor	4,412.77	-	620.24	-	5,033.01	5,033.01
7202265287	MAYORS	Umatac Mayor	4,016.25	-	812.94	-	4,829.19	4,829.19
1837525565	MAYORS	Yona Mayor	18,822.28	-	2,575.01	-	21,397.29	21,397.29
5763167341	MAYORS	Barrigada Mayors Office	2,933.49	(4,340.92)	2,833.48	-	2,833.48	1,426.05
8715052935	MAYORS	Mongmong/Toto/Maite Mayor	7,865.45	-	1,480.09	-	9,345.54	9,345.54
7037924246	MAYORS	Yigo Mayor	18,572.44	-	3,204.73	-	21,777.17	21,777.17
8433959204	MAYORS	Sinjajana Mayor	36,631.92	-	4,804.31	-	41,437.23	41,437.23
8472200165	MAYORS	Agaña Hts. Mayor	18,204.47	-	3,783.33	-	21,987.80	21,987.80
3832327736	MAYORS	Santa Rita Mayor	24,737.90	-	5,072.85	-	29,810.75	29,810.75
3631627996	MAYORS	Mangilao Mayor	12,971.34	-	2,496.57	-	15,467.91	15,467.91
8041715847	MAYORS	Dededo Mayor	35,617.99	-	5,827.98	-	41,445.97	41,445.97
6957205325	MAYORS	Tamuning Mayor	31,792.29	-	5,835.27	-	37,627.56	37,627.56
6078244037	MAYORS	Inarajan Mayor	38,693.95	(6,572.55)	4,685.24	-	43,779.19	36,806.64
7247791682	MAYORS	Hgat Mayor	18,889.49	-	3,635.99	-	22,525.48	22,525.48
6351070242	MAYORS	Orsted/Chalan Pago Mayor	9,543.60	-	1,564.00	-	11,107.60	11,107.60
	Sub-total		313,009.12	(10,913.47)	54,403.98		364,479.61	356,499.63

784.11	926.13	795.15	741.04	1,537.22	4,783.65
1,522.70	1,653.67	1,580.58	1,623.64	3,647.18	10,027.77
1,212.60	1,271.36	1,083.26	1,147.13	2,187.85	6,902.20
1,652.54	2,246.81	2,285.68	2,263.02	4,212.77	12,760.82
620.24	670.31	713.20	1,156.86	1,872.40	5,033.01
812.94	563.23	576.78	726.58	2,149.66	4,829.19
2,575.01	2,777.04	3,026.24	3,467.63	9,551.37	21,397.29
1,426.05	-	-	-	-	1,426.05
1,480.09	1,767.21	1,515.02	1,636.60	2,946.62	9,345.54
3,204.73	3,946.41	3,707.40	3,762.56	7,156.07	21,777.17
4,804.31	5,609.03	5,537.14	5,640.26	19,846.49	41,437.23
3,783.33	3,695.68	3,746.92	4,532.99	6,408.88	21,987.80
5,072.85	5,181.09	4,785.30	4,731.46	10,040.05	29,810.75
2,496.57	2,645.92	2,462.14	2,652.52	5,210.76	15,467.91
5,827.98	7,282.84	7,020.88	6,995.47	14,318.80	41,445.97
5,835.27	6,262.13	6,248.62	6,251.47	16,666.07	37,627.56
4,735.24	4,979.23	4,844.21	3,884.99	18,362.97	36,806.64
3,635.99	3,948.82	3,759.36	3,886.83	7,298.48	22,525.48
1,564.00	1,864.18	1,812.77	1,683.60	4,183.05	11,107.60
53,046.55	53,651.09	55,500.65	56,704.65	137,596.69	356,499.63

DPW Accounts								
0832698062	DPW ACCOUNTS	DPW-Signal Lights	50,558.77	-	10,082.79	(21,116.74)	39,524.82	39,524.82
0930959866	DPW ACCOUNTS	DPW-Primary St. Lights	925,143.85	(34,372.76)	79,422.40	(398,828.99)	605,742.26	571,369.50
3004533600	DPW ACCOUNTS	DPW-Village St. Lights	2,130,173.36	(136,831.18)	351,594.52	(1,032,255.35)	1,449,511.53	1,312,680.35
3088040552	DPW ACCOUNTS	DPW-Sec/Coil St. Lights	173,434.20	(7,525.05)	20,292.76	(102,878.59)	90,848.37	83,323.31
	Sub-total		3,799,309.18	(178,729.00)	461,397.47	(1,555,079.67)	2,185,626.96	2,006,897.98

10,082.79	10,288.11	9,217.77	9,312.86	623.29	39,524.82
79,422.40	78,704.26	79,387.74	80,529.75	253,320.35	571,369.50
358,255.90	348,432.67	354,756.80	351,234.98	-	1,312,680.35
20,292.76	20,225.65	20,616.46	20,814.03	1,374.40	83,323.31
468,058.85	457,650.70	463,978.77	461,891.62	255,318.04	2,006,89

GPA Work Session - February 22, 2024 - GM REPORT UPDATES

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
 Billing up to JANUARY 31, 2024 and payments as of 02/13/2024

Current (12/31/2023 Billing due 03/01/2024)
 31 days Arrears 12/31/2023 due 01/31/2024)
 61 days and over Arrears (11/30/23 billing due 12/30/2023)

CC&B New Acct Number		DEPARTMENT	BALANCE 12/31/2023	CANCEL/REBILL/ OTHER CHARGES 02/13/2024	BILLING 01/31/2024	PAYMENT UP TO 02/13/2024	BALANCE 01/31/2024	CC&B BALANCE 02/13/2024
0563872892	AUTONOMOUS/P	Guam Housing Corp Rental Division	2,672.86	-	1,091.55	(2,672.86)	1,132.06	1,091.55
6989845074	AUTONOMOUS/P	Guam Housing Corp Rental Division	-	-	40.51	-	-	40.51
9173210000	AUTONOMOUS/P	Guam Solid Waste Authority	7,645.26	-	7,478.33	(7,645.26)	7,478.33	7,478.33
5434075703	AUTONOMOUS/P	University of Guam	418,637.63	(1,577.02)	398,588.96	(418,637.63)	406,586.09	197,011.94
1699407298	AUTONOMOUS/P	G H U R A	66,962.52	-	31,480.14	(66,913.65)	31,529.01	31,529.01
4474308144	AUTONOMOUS/P	Port Authority of Guam	102,252.88	(12,395.61)	102,647.98	(102,252.88)	90,252.37	90,252.37
Sub-total			6,271,380.58	(507,467.91)	3,164,255.92	(5,451,656.96)	4,390,938.31	3,476,511.63
Others								
3209463043	OTHERS	Dept. of Military Affairs (NET METERED)	152,455.39	-	47,035.00	(152,455.39)	47,035.00	47,035.00
4530787043	OTHERS	U.S. Post Office	50,711.25	-	47,327.50	(50,711.25)	47,327.50	47,327.50
6000770566	OTHERS	KGTF	7,757.29	-	3,504.95	(7,757.29)	3,504.95	3,504.95
6602566745	OTHERS	Tamuning Post Office	6,593.50	-	5,637.85	(6,593.50)	5,637.85	5,637.85
7541928173	OTHERS	Guam Legislature	302.73	-	307.64	(302.73)	307.64	307.64
8108458168	OTHERS	Guam Post Office (Agana)	8,042.75	-	7,271.01	(8,042.75)	7,271.01	7,271.01
8353274954	OTHERS	Superior Court of Guam	80,678.58	-	75,566.00	(80,678.58)	75,566.00	75,566.00
8607446612	OTHERS	Dept. of Military Affairs	196,958.17	-	61,001.75	(196,958.17)	61,001.75	61,001.75
8972267005	OTHERS	Customs & Quarantine Agency	5,741.28	-	1,579.41	(5,081.67)	2,239.02	2,239.02
9503154359	OTHERS	Guam Legislature (NET METERED)	12,232.88	-	9,947.21	(12,232.88)	9,947.21	9,947.21
Sub-total			521,473.82	-	259,178.32	(520,814.21)	259,837.93	259,837.93
Grand Total			16,530,275.08	(697,110.38)	5,543,093.56	(9,665,366.03)	12,926,774.95	11,710,892.23

AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
1,091.55	-	-	-	-	1,091.55
40.51	-	-	-	-	40.51
7,478.33	-	-	-	-	7,478.33
197,011.94	-	-	-	-	197,011.94
31,480.14	48.87	-	-	-	31,529.01
90,032.03	220.34	-	-	-	90,252.37
2,656,567.67	236,819.60	257,054.42	40,310.33	285,759.61	3,476,511.63
Others					
47,035.00	-	-	-	-	47,035.00
47,327.50	-	-	-	-	47,327.50
3,504.95	-	-	-	-	3,504.95
5,637.85	-	-	-	-	5,637.85
307.64	-	-	-	-	307.64
7,271.01	-	-	-	-	7,271.01
75,566.00	-	-	-	-	75,566.00
61,001.75	-	-	-	-	61,001.75
1,579.41	659.61	-	-	-	2,239.02
9,947.21	-	-	-	-	9,947.21
259,178.32	659.61	-	-	-	259,837.93
5,040,709.26	2,046,174.11	2,068,871.32	1,727,524.00	827,613.54	11,710,892.23

CFO

FINANCIAL HIGHLIGHTS

January 2024



Residential average kWh & LEAC Rate

Avg kWh	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	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	956	955	877								

LEAC Rate	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	\$ 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	\$ 0.2311	\$ 0.2311	\$ 0.2311								

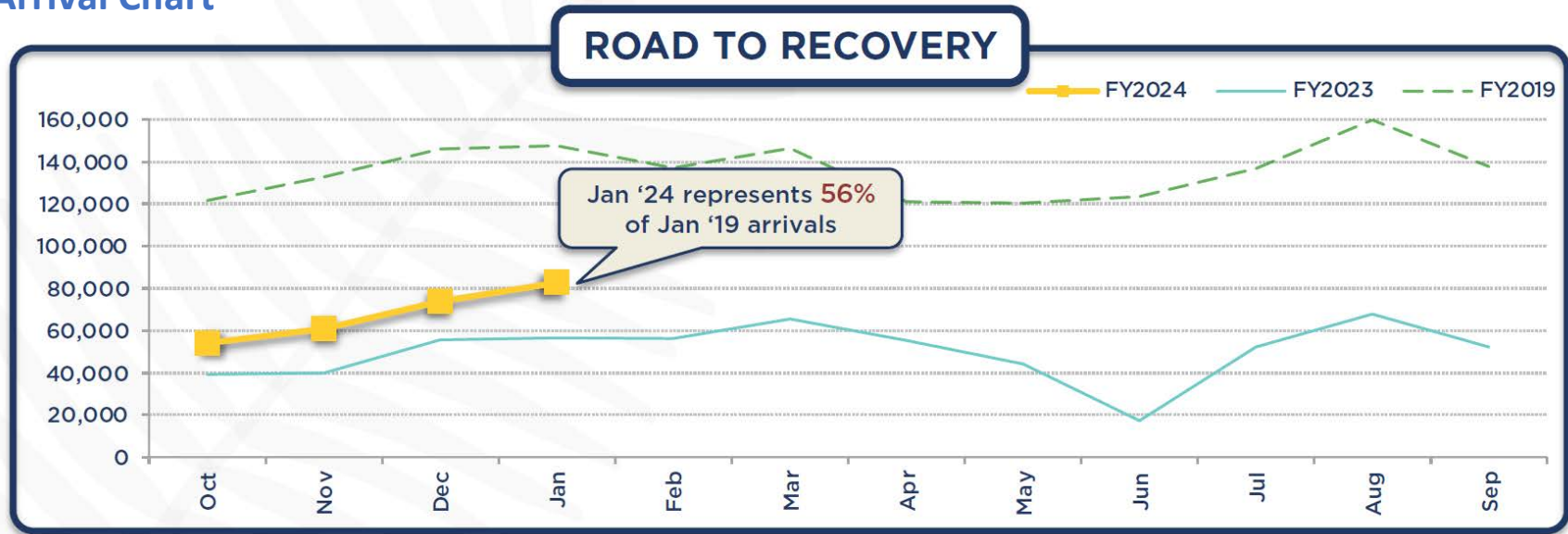


Hotel kWh & Occupancy Rate

MWh Hotel:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	11,009	10,812	10,665	10,372	9,151	9,625	10,743	10,945	10,278	11,670	10,356	10,569
FY2020	10,510	9,983	10,691	10,053	9,831	8,494	7,195	6,983	7,463	7,798	7,678	7,220
FY2021	7,194	7,535	7,754	7,129	6,427	7,014	7,474	7,293	7,669	7,989	8,064	7,712
FY2022	7,119	7,495	7,184	7,055	6,563	7,083	6,988	7,652	7,883	8,097	8,202	7,953
FY2023	7,926	8,048	8,385	8,164	7,669	8,075	7,985	7,300	6,225	8,670	8,708	8,089
FY2024	8,404	8,454	8,521	8,266								

Occupancy	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
FY2024	62.3	62.3	62.3									

Arrival Chart

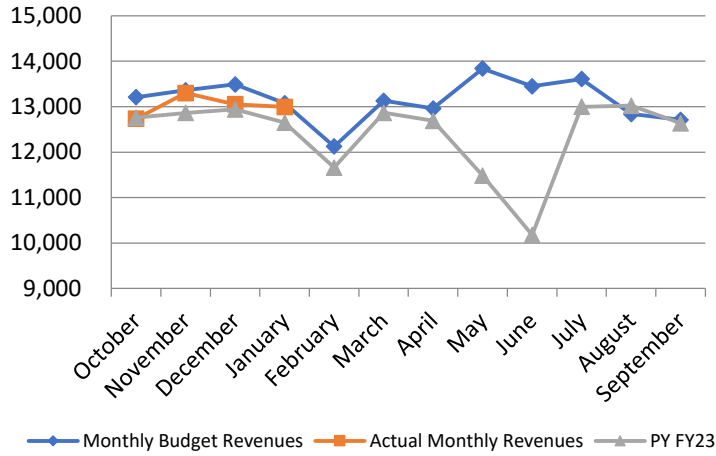


Note: Data from 22 hotels in schedule P. 1 hotel closed its doors on Oct. 2021. Occupancy rate and Road to Recovery is from GVB Visitor Arrival Statistic.



January 2024 Monthly Financial Highlights

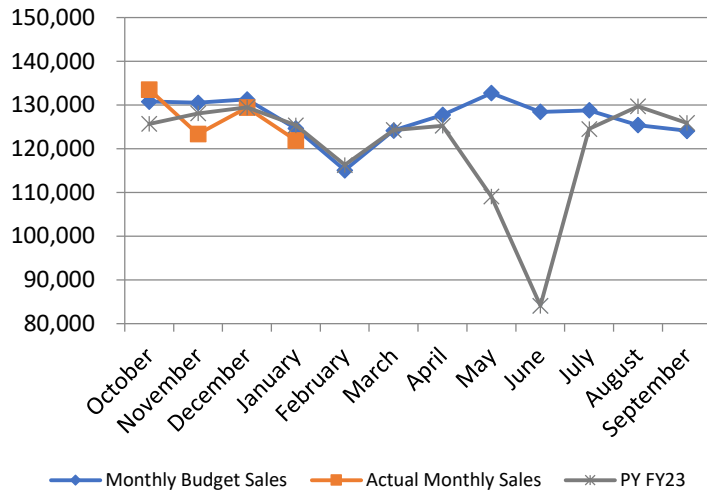
Base Rate Revenue (in '000)



Through January 31, 2024

	Monthly Budget Revenues \$000	Actual Monthly Revenues	Variance		PY FY23	CY vs PY Variance	
October	\$ 13,209	\$ 12,734	\$ (475)	↓	\$ 12,757	\$ (22)	↓
November	13,363	13,301	\$ (61)	↓	12,861	\$ 440	↑
December	13,488	13,053	\$ (435)	↓	12,940	\$ 113	↑
January	13,078	12,995	\$ (83)	↓	12,651	\$ 344	↑
February	12,126				11,660		
March	13,131				12,865		
April	12,961				12,691		
May	13,837				11,484		
June	13,449				10,178		
July	13,608				12,997		
August	12,840				13,023		
September	12,710				12,635		
Total	\$ 157,800	\$ 52,084	\$ (1,054)		\$ 148,743	\$ 874	

MWH Sales (in MWh)



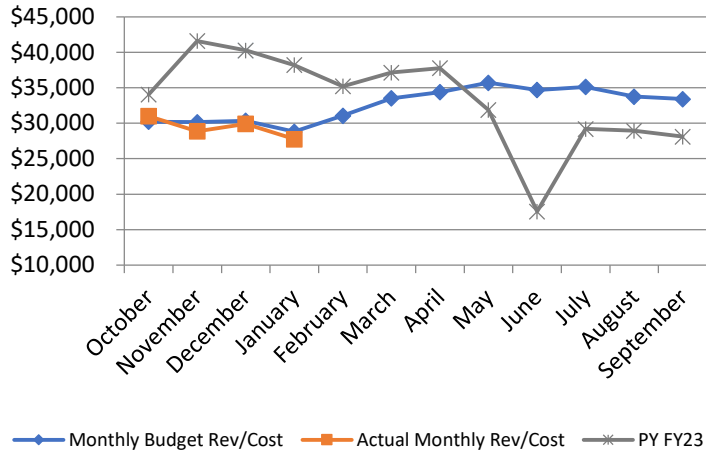
Through January 31, 2024

	Monthly Budget Sales MWh	Actual Monthly Sales	Variance		PY FY23	CY vs PY Variance	
October	130,775	133,530	2,754	↑	125,672	7,858	↑
November	130,478	123,349	(7,129)	↓	128,077	(4,728)	↓
December	131,278	129,415	(1,863)	↓	129,439	(24)	↓
January	124,618	121,911	(2,707)	↓	125,368	(3,457)	↓
February	115,079				116,289		
March	124,155				124,254		
April	127,713				125,257		
May	132,727				109,061		
June	128,415				84,097		
July	128,775				124,518		
August	125,406				129,673		
September	124,080				125,895		
Total	1,523,500	508,205	(8,945)		1,447,602	(352)	



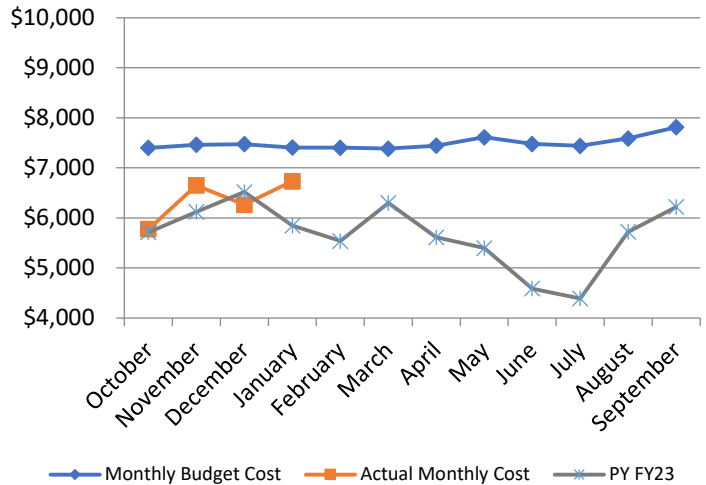
January 2024 Monthly Financial Highlights (Continued)

Fuel Revenues (in '000)



Monthly Budget Rev/Cost Actual Monthly Rev/Cost PY FY23

O&M Costs (in '000)



Monthly Budget Cost Actual Monthly Cost PY FY23

Through January 31, 2024

	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	28,862	(1,297)	↓	41,593	(12,731)	↓
December	30,344	29,905	(439)	↓	40,281	(10,376)	↓
January	28,805	27,762	(1,043)	↓	38,205	(10,443)	↓
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		
Total	\$ 391,228	\$ 117,520	\$(2,015)		\$ 399,938	\$(36,621)	

Through January 31, 2024

	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	6,647	814	↑	6,120	(527)	↓
December	7,473	6,262	1,211	↑	6,518	255	↑
January	7,405	6,731	674	↑	5,846	(885)	↓
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		
Total	\$ 89,893	\$ 25,415	\$ 4,325		\$ 67,946	\$(1,219)	



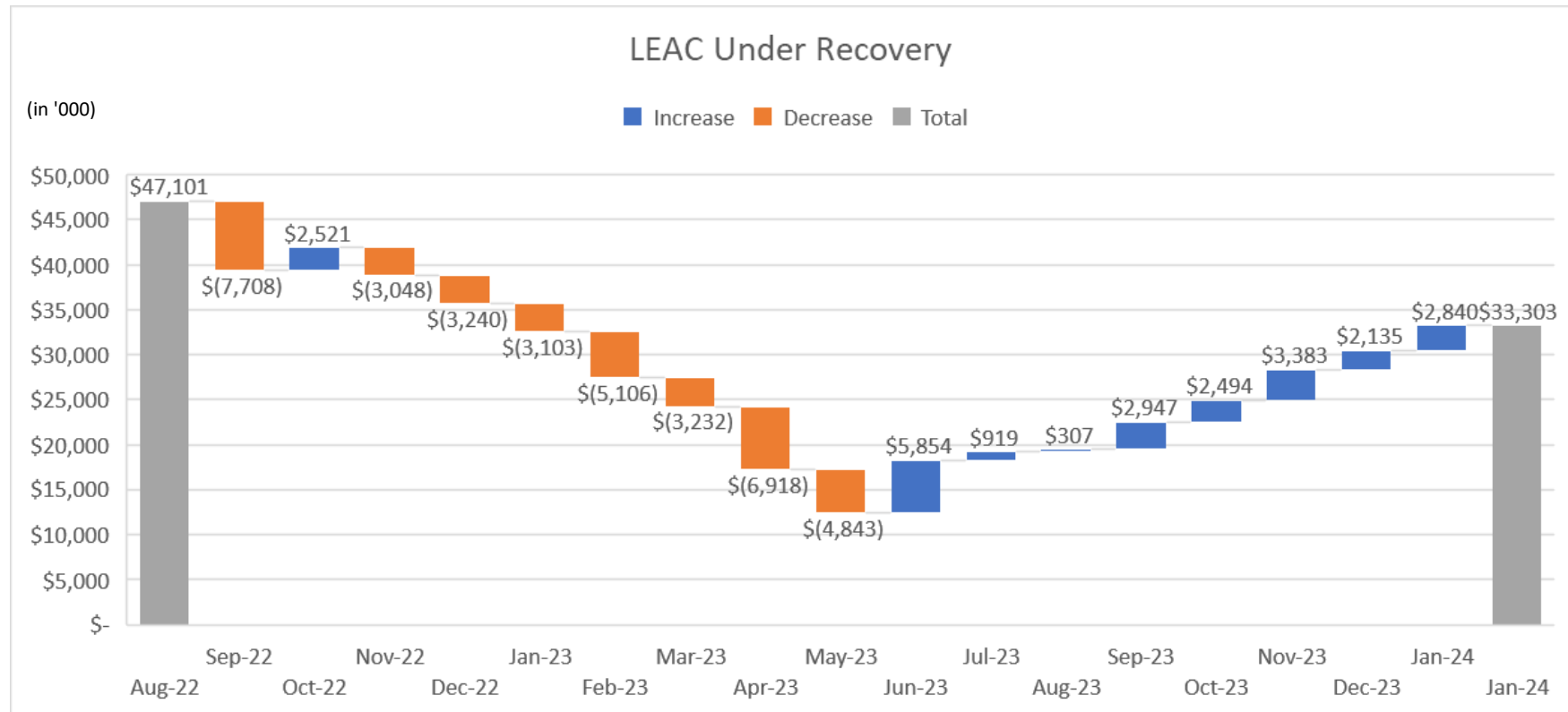
January 2024 Monthly Financial Highlights (Continued)

Through September 30, 2023													
	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022	3Q2022	4Q2022	1Q2023	2Q2023	3Q2023	4Q2023	1Q2024	2Q2024
Residential	44,575	45,247	45,229	45,224	45,283	45,261	45,315	45,370	45,417	45,453	44,968	45,642	45,786
Commercial	5,307	5,330	5,336	5,349	5,367	5,368	5,373	5,425	5,473	5,436	5,421	5,447	5,481
Government	1,060	1,049	1,056	1,069	1,077	1,079	1,087	1,088	1,108	1,112	1,106	1,105	1,101
Streetlights	1,132	1,132	1,131	1,160	1,158	1,156	1,163	1,167	1,167	1,165	1,159	1,149	1,145
Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	52,075	52,759	52,753	52,803	52,886	52,865	52,939	53,051	53,166	53,167	52,655	53,344	53,514

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	2.04
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	1.65	1.46	1.23	1.49	1.71	1.71	2.04



January 2024 Monthly Financial Highlights (Continued)



Through January 31, 2024				
	LEAC		(Over)/Under	Under
\$000	Revenue	Fuel Cost	Recover	Recovery Balance
October	\$ 30,992	\$ 33,486	\$ 2,494	\$ 24,945
November	\$ 28,862	\$ 32,245	\$ 3,383	\$ 28,328
December	\$ 29,905	\$ 32,039	\$ 2,134	\$ 30,463
January	\$ 27,762	\$ 30,602	\$ 2,840	\$ 33,303



January 2024 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 GUÁHAN
P.O.BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW January 2024

Attached are the financial statements and supporting schedules for the month and fiscal year ended January 31, 2024.

Summary

The increase in net assets for the month ended was \$1.2 million as compared to the anticipated net decrease of \$118 thousand projected at the beginning of the year. The total kWh sales for the month were 2.17% less than projected and non-fuel revenues were less than 1.00% than the estimated amounts. O&M expenses for the month were \$6.7 million which was \$0.7 million less than our projections for the month. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$2.9 million, which was \$71 thousand more than projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	2.13	2.28	2
Days in Receivables	42	35	52
Days in Payables	21	19	30
LEAC (Over)/Under Recovery Balance - YTD	\$30,462,844	\$33,303,174	\$10,334,223
T&D Losses	6.08%	6.08%	<7.00%
Debt Service Coverage	2.07	2.04	1.75
Long-term equity ratio	11.00%	11.30%	30 – 40%
Days in Cash	74	90	60

The Quick Ratio, which has been a challenge for GPA historically, has shown a positive trend over the last 12 months. This is primarily due to the reduced debt service that went into effect this fiscal year. GPA has current obligations of approximately \$69 million and approximately \$157 million in cash and current receivables. The LEAC under-recovery for the month was \$2.8 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

Financial Statements
January 2024

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. Beravente, P.E.
General Manager

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Net Position January 31, 2024 and September 30, 2023			
	Unaudited January 2024	Unaudited September 2023	Change from Sept 30 2023
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 13,772,721	\$ 37,465,806	\$ (23,693,085)
Bond indenture funds	46,260,513	48,960,702	(2,700,190)
Held by Guam Power Authority:			
Bond indenture funds	60,909,947	65,474,455	(4,564,508)
Self insurance fund-restricted	11,849,443	11,844,666	4,778
Energy sense fund	5,668,015	5,968,468	(300,453)
Total cash and cash equivalents	<u>138,460,639</u>	<u>169,714,096</u>	<u>(31,253,458)</u>
Accounts receivable, net	<u>66,403,731</u>	<u>68,663,217</u>	<u>(2,259,485)</u>
Total current receivables	<u>66,403,731</u>	<u>68,663,217</u>	<u>(2,259,485)</u>
Materials and supplies inventory	10,348,244	10,403,724	(55,480)
Fuel inventory	50,204,879	66,244,237	(16,039,359)
Prepaid expenses	<u>10,538,539</u>	<u>6,651,973</u>	<u>3,886,566</u>
Total current assets	<u>275,956,032</u>	<u>321,677,248</u>	<u>(45,721,216)</u>
Utility plant, at cost:			
Electric plant in service	1,212,180,057	1,205,296,234	6,883,823
Construction work in progress	29,287,304	30,026,803	(739,499)
Total	<u>1,241,467,362</u>	<u>1,235,323,037</u>	<u>6,144,324</u>
Less: Accumulated depreciation	<u>(779,155,427)</u>	<u>(768,276,529)</u>	<u>(10,878,898)</u>
Total utility plant	<u>462,311,935</u>	<u>467,046,508</u>	<u>(4,734,573)</u>
Lease asset	<u>11,282,616</u>	<u>11,282,616</u>	<u>0</u>
Other non-current assets:			
Investments - restricted	47,876,013	48,002,574	(126,562)
Unamortized debt issuance costs	<u>396,014</u>	<u>415,509</u>	<u>(19,495)</u>
Total other non-current assets	<u>48,272,027</u>	<u>48,418,084</u>	<u>(146,057)</u>
Total assets	<u>797,822,610</u>	<u>848,424,456</u>	<u>(50,601,846)</u>
Deferred outflow of resources:			
Deferred fuel revenue	33,303,174	22,450,958	10,852,216
Unamortized loss on debt refunding	13,130,002	13,523,731	(393,729)
Pension	10,216,119	10,216,119	0
Other post employment benefits	41,605,903	41,605,903	0
Unamortized forward delivery contract costs	<u>0</u>	<u>0</u>	<u>0</u>
Total deferred outflows of resources	<u>98,255,197</u>	<u>87,796,711</u>	<u>10,458,486</u>
	<u>\$ 896,077,807</u>	<u>\$ 936,221,167</u>	<u>\$ (40,143,360)</u>

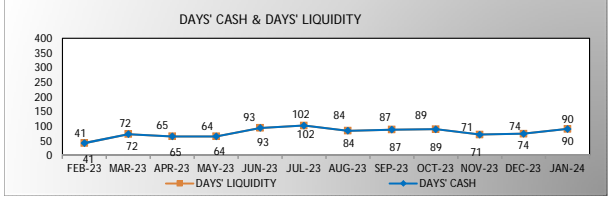
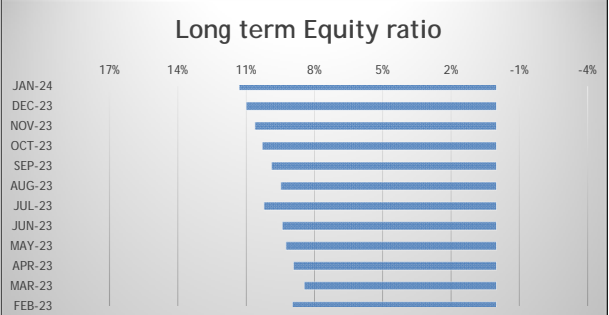
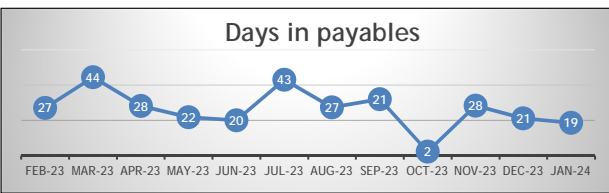
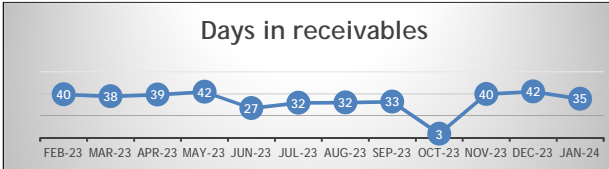
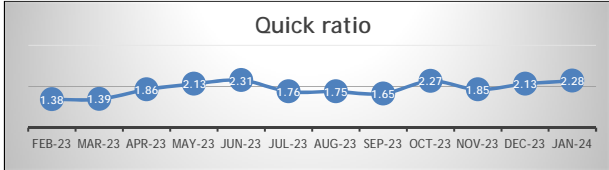
GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued January 31, 2024 and September 30, 2023			
	Unaudited January 2024	Unaudited September 2023	Change from Sept 30 2023
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 15,855,000	\$ 24,680,000	\$ (8,825,000)
Current obligations under capital leases			0
Accounts payable			
Operations	22,480,797	41,900,308	(19,419,511)
Others	1,149,256	850,847	298,409
Accrued payroll and employees' benefits	1,872,707	427,050	1,445,657
Current portion of employees' annual leave	1,843,589	1,852,589	(9,000)
Current portion of lease liability	4,922,204	4,922,204	0
Interest payable	9,866,824	14,149,947	(4,283,123)
Customer deposits	10,830,286	10,477,456	352,829
	<u>68,820,663</u>	<u>99,260,401</u>	<u>(30,439,739)</u>
Total current liabilities			
Regulatory liabilities:			
Provision for self insurance	13,687,037	12,696,791	990,246
	<u>13,687,037</u>	<u>12,696,791</u>	<u>990,246</u>
Total regulatory liabilities			
Long term debt, net of current maturities	461,235,429	477,616,271	(16,380,842)
Obligations under capital leases, net of current portion			0
Net Pension liability	65,575,014	66,847,044	(1,272,031)
Other post employment benefits liability	174,910,068	174,910,068	0
DCRS sick leave liability	1,695,518	1,695,518	0
Lease liability	6,783,480	6,783,480	0
Employees' annual leave net of current portion	1,723,317	1,723,317	0
Customer advances for construction	689,355	674,126	15,229
	<u>795,119,880</u>	<u>842,207,017</u>	<u>(47,087,137)</u>
Total liabilities			
Deferred inflows of resources:			
Unearned forward delivery contract revenue		0	0
Pension	10,172,402	10,172,402	0
Other post employment benefits	36,596,130	36,596,130	0
	<u>46,768,532</u>	<u>46,768,532</u>	<u>0</u>
Total deferred inflows of resources			
Commitments and contingencies			
Net Position:			
Net investment in capital assets	27,802,186	7,437,394	20,364,792
Restricted	47,449,846	65,442,005	(17,992,159)
Unrestricted	(21,062,636)	(25,633,781)	4,571,144
	<u>54,189,396</u>	<u>47,245,619</u>	<u>6,943,777</u>
Total net position			
	<u>\$ 896,077,807</u>	<u>\$ 936,221,167</u>	<u>\$ (40,143,360)</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	January			Four Months Ended January		
	Unaudited 2024	Unaudited 2023	% of change Inc (dec)	Unaudited 2024	Unaudited 2023	% of change Inc (dec)
Revenues						
Sales of electricity	\$ 40,757,045	\$ 50,856,515	(20)	\$ 169,604,435	\$ 205,351,006	(17)
DSM-Rebates	310,953	308,033	1	1,258,520	1,261,243	(0)
Miscellaneous	148,218	106,543	39	724,943	1,054,487	(31)
Total	<u>41,216,216</u>	<u>51,271,091</u>	(20)	<u>171,587,898</u>	<u>207,666,735</u>	(17)
Bad debt expense	(103,792)	(99,833)	4	(415,168)	(399,332)	4
Total revenues	<u>41,112,424</u>	<u>51,171,258</u>	(20)	<u>171,172,730</u>	<u>207,267,403</u>	(17)
Operating and maintenance expenses						
Production fuel	27,761,833	38,205,224	(27)	117,491,723	154,141,322	(24)
Other production	2,061,139	1,456,118	42	6,804,477	5,905,303	15
	<u>29,822,972</u>	<u>39,661,342</u>	(25)	<u>124,296,200</u>	<u>160,046,625</u>	(22)
Depreciation	2,942,787	2,791,624	5	11,666,408	11,715,453	(0)
Energy conversion cost	862,621	875,828	(2)	3,437,804	3,470,132	(1)
Transmission & distribution	1,213,191	1,189,429	2	4,426,697	4,777,730	(7)
Customer accounting	451,637	548,464	(18)	2,070,577	1,917,528	8
Administrative & general	3,004,934	2,651,779	13	12,113,098	11,636,467	4
Total operating and maintenance expenses	<u>38,298,142</u>	<u>47,718,467</u>	(20)	<u>158,010,786</u>	<u>193,563,934</u>	(18)
Operating income	<u>2,814,282</u>	<u>3,452,791</u>	(18)	<u>13,161,944</u>	<u>13,703,469</u>	(4)
Other income (expenses)						
Interest income	295,338	203,865	45	1,395,975	665,578	110
Interest expense and amortization	(1,848,865)	(1,950,779)	(5)	(7,392,393)	(7,802,694)	(5)
Interest expense - lease				0	0	
Bond issuance costs	28,154	8,149	246	112,618	32,595	246
Change in Investment Value	84,369	102,300	(18)	14,273	116,930	(88)
Allowance for funds used during construction		1,918	(100)	0	10,677	(100)
Pandemic-COVID19		(15,503)		0	(71,823)	(100)
Losses due to typhoon	(718,870)	(446,105)	61	(2,222,103)	(478,531)	364
Total other income (expenses)	<u>(2,159,874)</u>	<u>(2,096,156)</u>	3	<u>(8,091,632)</u>	<u>(7,527,268)</u>	7
Income (loss) before capital contributions	654,408	1,356,635	(52)	5,070,313	6,176,201	(18)
Capital contributions	<u>595,300</u>			<u>1,873,464</u>		
Increase (decrease) in net assets	1,249,709	1,356,635	(8)	6,943,777	6,176,201	12
Total net assets at beginning of period	<u>52,939,693</u>	<u>27,986,906</u>	89	<u>47,245,625</u>	<u>23,167,340</u>	104
Total net assets at end of period	<u>\$ 54,189,402</u>	<u>\$ 29,343,541</u>	85	<u>\$ 54,189,402</u>	<u>\$ 29,343,541</u>	85

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows Period Ended January 31, 2024		
	Month Ended 1/31/2024	YTD Ended 1/31/2024
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	\$55,077,393	\$ 173,392,925
Cash payments to suppliers and employees for goods and services	30,079,558	163,943,010
Net cash provided by operating activities	\$24,997,835	9,449,915
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	295,338	1,395,975
Net cash provided by investing activities	295,338	1,395,975
Cash flows from non-capital financing activities		
Interest paid on short term debt	(4,663)	(15,016)
Provision for self insurance funds	-	(4,778)
Net cash provided by noncapital financing activities	(4,663)	(19,794)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(4,332,820)	(6,931,835)
Principal paid on bonds and other long-term debt	-	(24,680,000)
Interest paid on bonds(net of capitalized interest)	84,369	(11,646,227)
Interest paid on capital lease obligations	-	-
Interest & principal funds held by trustee	(3,161,851)	23,693,085
Reserve funds held by trustee	(65,916)	126,562
Bond funds held by trustee	-	-
Principal payment on capital lease obligations	-	-
Grant from DOI/FEMA	595,300	1,873,464
Grant from GovGuam	-	-
Reduction in Under Recovery of Fuel	-	-
Debt issuance costs/loss on defeasance	(131,461)	(525,842)
Net cash provided by (used in) capital and related financing activities	(7,012,378)	(18,090,794)
Net (decrease) increase in cash and cash equivalents	18,276,132	(7,264,698)
Cash and cash equivalents, beginning	88,894,327	114,435,157
Cash and cash equivalents-Funds held by GPA, January 31, 2024	\$ 107,170,459	\$ 107,170,459

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows, continued Period Ended January 31, 2024		
	Month Ended 1/31/2024	YTD Ended 1/31/2024
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	\$3,001,024	\$13,161,944
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	2,942,787	11,666,408
Other expense	(690,715)	(2,109,486)
(Increase) decrease in assets:		
Accounts receivable	13,807,001	2,259,485
Materials and inventory	(1,637)	55,480
Fuel inventory	7,060,620	16,039,359
Prepaid expenses	4,714,188	(3,886,566)
Unamortized debt issuance cost	3,899	19,495
Deferred fuel revenue	(2,840,330)	(10,852,216)
Unamortized loss on debt refunding	99,407	393,729
Unamortized forward delivery contract costs	-	-
Lease asset	-	-
Increase (decrease) in liabilities:		
Accounts payable-operations	(19,419,511)	(19,419,511)
Accounts payable-others	16,470,964	598,862
Accrued payroll and employees' benefits	737,185	1,445,657
Provision for Self-Insurance	190,743	990,246
Net pension liability	(2,038,372)	(1,272,031)
Employees' annual leave	985,735	(9,000)
Customers deposits	326,169	352,829
Customer advances for construction	(351,323)	15,229
Unearned forward delivery contract revenue	-	-
Net cash provided by operating activities	<u>\$24,997,835</u>	<u>\$ 9,449,915</u>

Guam Power Authority Financial Analysis 01/31/24	
Quick Ratio	
A Reserve Funds Held by GPA	107,170,459
B Current Accounts Receivable	49,711,540
C Total Cash and A/R (A+B)	156,881,999
D Total Current Liabilities	68,820,663
E Quick Ratio (F/G)	2.28
Days in Receivables	
A FY 23 Moving 12 Mos. -Actual	512,934,628
B No. of Days	365
C Average Revenues per day (A/B)	1,405,300
D Current Accounts Receivable	49,711,540
E Days in Receivables (D/C)	35
Days in Payables	
A FY 23 Moving 12 Months-Actual	464,476,417
B No. of Days	365
C Average Payables per day (A/B)	1,272,538
D Current Accounts Payables	23,630,053
E Days in Payables (D/C)	19
Long term equity ratio	
A Equity	\$ 54,189,396
B Total Long term Liability	\$ 425,308,520
C Total Equity and liability	\$ 479,497,916
D Long term equity ratio (A/C)	11.30%
Days cash on hand	
A Unrestricted cash & cash equivalents	107,170
B No. of Days -YTD	123
C A x B	13,181,967
D Total Operating expenses excluding depreciation	146,344
E Days cash on hand	90
Days' Liquidity	
A Unrestricted cash , cash equivalents & revolving Credit	107,170
B No. of Days -YTD	123
C A x B	13,181,967
D Total Operating expenses excluding depreciation	146,344
E Days liquidity	90



GPA 302		GUAM POWER AUTHORITY ACCRUED REVENUE JANUARY 2024			
		FOR THE MONTH ENDED JANUARY		FOUR MONTHS ENDED JANUARY	
		2024	2023	2024	2023
KWH SALES:					
Residential		40,163,109	40,085,893	170,907,338	169,911,060
Residential - Apt & Condo		555,792	607,542	2,271,597	2,243,772
Small Gen. Non Demand		5,875,892	6,787,443	24,414,560	28,380,640
Small Gen. Demand		16,995,884	15,589,534	69,101,961	63,376,529
Large General		19,017,528	18,898,736	76,815,409	76,193,741
Independent Power Producer		89,270	101,025	346,455	402,098
Private St. Lights		29,708	31,936	120,812	125,403
	Sub-total	82,727,182	82,102,108	343,978,132	340,633,243
Government Service:					
Small Non Demand		1,078,124	2,001,337	4,421,992	8,082,272
Small Demand		7,994,025	9,258,150	32,075,138	37,284,906
Large		4,572,175	4,250,129	19,088,937	17,250,625
Street Lighting		267,960	437,596	1,805,178	1,764,748
	Sub-total	13,912,285	15,947,212	57,391,245	64,382,551
	Total	96,639,467	98,049,320	401,369,377	405,015,794
U. S. Navy		25,271,736	27,318,599	106,835,384	103,540,567
	GRAND TOTAL	121,911,203	125,367,919	508,204,761	508,556,360
REVENUE:					
Residential		13,869,381	16,530,473	56,300,844	69,498,687
Residential - Apt & Condo		180,714	244,443	737,582	928,081
Small Gen. Non Demand		2,061,332	3,089,178	8,920,089	12,799,405
Small Gen. Demand		5,841,758	6,661,006	23,640,577	26,851,295
Large General		6,281,271	7,852,203	25,306,690	31,296,743
Independent Power Producer		29,296	40,796	114,812	162,883
Private St. Lights		26,446	30,215	106,764	119,594
	Sub-total	28,290,198	34,448,313	115,127,357	141,656,688
Government Service:					
Small Non Demand		412,196	912,583	1,687,113	3,637,357
Small Demand		2,889,959	4,123,345	11,600,581	16,385,532
Large		1,597,174	1,806,650	6,643,475	7,227,511
Street Lighting		270,185	488,431	1,835,812	1,948,971
	Sub-total	5,169,513	7,331,008	21,766,982	29,199,372
	Total	33,459,711	41,779,322	136,894,339	170,856,060
U. S. Navy		7,297,334	9,077,194	32,710,097	34,494,946
	GRAND TOTAL	40,757,045	50,856,515	169,604,435	205,351,006
NUMBER OF CUSTOMERS:					
Residential		45781	45461	45673.25	45389.25
Residential - Apt & Condo		5	5	5	5
Small Gen. Non Demand		4551	4634	4526.5	4609
Small Gen. Demand		839	713	839	731.5
Large General		88	83	86.5	83.25
Independent Power Producer		3	3	3.25	3
Private St. Lights		477	501	480.25	503.75
	Sub-total	51744	51400	51613.75	51324.75
Government Service:					
Small Non Demand		738	731	740.5	727.75
Small Demand		335	344	335.5	343.25
Large		28	18	28	18
Street Lighting		668	663	668	662.75
	Sub-total	1769	1756	1772	1751.75
	Total	53513	53156	53385.75	53076.5
US Navy		1	1	1	1
		53514	53157	53386.75	53077.5

GPA Work Session - February 22, 2024 - GM REPORT UPDATES

GPA 303

**GUAM POWER AUTHORITY
FUEL AND NON-FUEL
JANUARY 2024**

NEW RATE
LEAC 0.231144
DSM -0.003109
FUEL RATE 0.228035

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		OIL	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
One Month - JANUARY 2024												
R Residential	45,781	40,163,109	\$ 13,869,381	\$ 34.5326	\$ 34.5326	\$ 13,869,381	877	\$ 303	\$ 11.7291	\$ 4,710,786	\$ 22.8035	\$ 9,158,595
D Residential - Apt & Condo	5	555,792	\$ 180,714	\$ 32.5147	\$ 32.5147	\$ 180,714	111,158	\$ 36,143	\$ 9.7112	\$ 53,974	\$ 22.8035	\$ 126,740
G Small Gen. Non Demand	4,551	5,875,892	\$ 2,061,332	\$ 35.0812	\$ 35.0812	\$ 2,061,332	1,291	\$ 453	\$ 12.2777	\$ 721,423	\$ 22.8035	\$ 1,339,909
J Small Gen. Demand	839	16,995,884	\$ 5,841,758	\$ 34.3716	\$ 34.3716	\$ 5,841,758	20,257	\$ 6,963	\$ 11.5850	\$ 1,968,971	\$ 22.7866	\$ 3,872,787
P Large General	88	19,017,528	\$ 6,281,271	\$ 33.0289	\$ 33.0289	\$ 6,281,271	216,108	\$ 71,378	\$ 10.3578	\$ 1,969,793	\$ 22.6711	\$ 4,311,479
I Independent Power Product	3	89,270	\$ 29,296	\$ 32.8171	\$ 32.8171	\$ 29,296	29,757	\$ 9,765	\$ 10.7770	\$ 9,621	\$ 22.0401	\$ 19,675
H Private St. Lights	477	29,708	\$ 26,446	\$ 89.0186	\$ 89.0186	\$ 26,446	62	\$ 55	\$ 66.2151	\$ 19,671	\$ 22.8035	\$ 6,774
Sub-Total	51,744	82,727,182	\$ 28,290,198	\$ 34.1970	\$ 34.1970	\$ 28,290,198	1,599	\$ 547	\$ 11.4282	\$ 9,454,239	\$ 22.7688	\$ 18,835,959
Government Service:												
S Small Non Demand	738	1,078,124	\$ 412,196	\$ 38.2327	\$ 38.2327	\$ 412,196	1,461	\$ 559	\$ 15.4292	\$ 166,346	\$ 22.8035	\$ 245,850
K Small Demand	335	7,994,025	\$ 2,889,959	\$ 36.1515	\$ 36.1515	\$ 2,889,959	23,863	\$ 8,627	\$ 13.3480	\$ 1,067,042	\$ 22.8035	\$ 1,822,918
L Large	28	4,572,175	\$ 1,597,174	\$ 34.9325	\$ 34.9325	\$ 1,597,174	163,292	\$ 57,042	\$ 12.4268	\$ 568,174	\$ 22.5057	\$ 1,029,000
F Street Lighting (Agencies)	668	267,960	\$ 270,185	\$ 100.8301	\$ 100.8301	\$ 270,185	401	\$ 404	\$ 78.0266	\$ 209,080	\$ 22.8035	\$ 61,104
Sub-Total	1,769	13,912,285	\$ 5,169,513	\$ 37.1579	\$ 37.1579	\$ 5,169,513	7,864	\$ 2,922	\$ 14.4523	\$ 2,010,641	\$ 22.7056	\$ 3,158,872
Sub-Total												\$ 21,994,831
U.S. Navy	1	25,271,736	\$ 7,297,334	\$ 28.8755	\$ 28.8755	\$ 7,297,334			\$ 6.0555	\$ 1,530,332	\$ 22.8200	\$ 5,767,002
TOTAL	53,514	121,911,203	\$ 40,757,045	\$ 33.4317	\$ 33.4317	\$ 40,757,045	2,278	\$ 762	\$ 10.6596	\$ 12,995,212	\$ 22.7722	\$ 27,761,833
Four Months Ended January 2024												
R Residential	45,673	170,907,338	\$ 56,300,844	\$ 32.9423	\$ 32.9423	\$ 56,300,844	3,742	\$ 1,233	\$ 10.1388	\$ 17,327,989	\$ 22.8035	\$ 38,972,855
D Residential - Apt & Condo	5	2,271,597	\$ 737,582	\$ 32.4697	\$ 32.4697	\$ 737,582	454,319	\$ 147,516	\$ 9.6662	\$ 219,578	\$ 22.8035	\$ 518,004
G Small Gen. Non Demand	4,527	24,414,560	\$ 8,920,089	\$ 36.5359	\$ 36.5359	\$ 8,920,089	5,394	\$ 1,971	\$ 13.7324	\$ 3,352,714	\$ 22.8035	\$ 5,567,374
J Small Gen. Demand	839	69,101,961	\$ 23,640,577	\$ 34.2112	\$ 34.2112	\$ 23,640,577	82,362	\$ 28,177	\$ 11.4243	\$ 7,894,418	\$ 22.7868	\$ 15,746,159
P Large General	87	76,815,409	\$ 25,306,690	\$ 32.9448	\$ 32.9448	\$ 25,306,690	888,039	\$ 292,563	\$ 10.2786	\$ 7,895,522	\$ 22.6662	\$ 17,411,168
I Independent Power Product	3	346,455	\$ 114,812	\$ 33.1390	\$ 33.1390	\$ 114,812	106,602	\$ 35,327	\$ 11.1588	\$ 38,660	\$ 21.9802	\$ 76,152
H Private St. Lights	480	120,812	\$ 106,764	\$ 88.3727	\$ 88.3727	\$ 106,764	252	\$ 222	\$ 65.5692	\$ 79,215	\$ 22.8035	\$ 27,549
Sub-Total	51,614	343,978,132	\$ 115,127,357	\$ 33.4694	\$ 33.4694	\$ 115,127,357	6,664	\$ 2,231	\$ 10.7007	\$ 36,808,097	\$ 22.7687	\$ 78,319,260
Government Service:												
S Small Non Demand	741	4,421,992	\$ 1,687,113	\$ 38.1528	\$ 38.1528	\$ 1,687,113	5,972	\$ 2,278	\$ 15.3493	\$ 678,744	\$ 22.8035	\$ 1,008,369
K Small Demand	336	32,075,138	\$ 11,600,581	\$ 36.1669	\$ 36.1669	\$ 11,600,581	95,604	\$ 34,577	\$ 13.3634	\$ 4,286,327	\$ 22.8035	\$ 7,314,254
L Large	28	19,088,937	\$ 6,643,475	\$ 34.8028	\$ 34.8028	\$ 6,643,475	681,748	\$ 237,267	\$ 12.2965	\$ 2,347,273	\$ 22.5062	\$ 4,296,263
F Street Lighting (Agencies)	668	1,805,178	\$ 1,835,812	\$ 101.6970	\$ 101.6970	\$ 1,835,812	2,702	\$ 2,748	\$ 78.8935	\$ 1,424,169	\$ 22.8035	\$ 411,644
Sub-Total	1,772	57,391,245	\$ 21,766,982	\$ 37.9274	\$ 37.9274	\$ 21,766,982	32,388	\$ 12,284	\$ 15.2227	\$ 8,736,512	\$ 22.7046	\$ 13,030,470
Sub-Total												\$ 91,349,730
U.S. Navy	1	106,835,384	\$ 32,710,097	\$ 30.6173	\$ 30.6173	\$ 32,710,097			\$ 6.1479	\$ 6,568,103	\$ 24.4694	\$ 26,141,994
TOTAL	53,387	508,204,761	\$ 169,604,435	\$ 33.3732	\$ 33.3732	\$ 169,604,435	9,519	\$ 3,177	\$ 10.2543	\$ 52,112,712	\$ 23.1190	\$ 117,491,724
Twelve Months Ended January 2024												
R Residential	45,392	489,806,415	\$ 172,689,026	\$ 35.2566	\$ 35.2566	\$ 172,689,026	10,791	\$ 3,804	\$ 9.8645	\$ 48,317,088	\$ 25.3921	\$ 124,371,938
D Residential - Apt & Condo	5	6,625,147	\$ 2,337,311	\$ 35.2794	\$ 35.2794	\$ 2,337,311	1,325,029	\$ 467,462	\$ 9.5652	\$ 633,707	\$ 25.7142	\$ 1,703,604
G Small Gen. Non Demand	4,528	68,449,684	\$ 27,062,776	\$ 39.5367	\$ 39.5367	\$ 27,062,776	15,113	\$ 5,975	\$ 14.1999	\$ 9,719,800	\$ 25.3368	\$ 17,342,976
J Small Gen. Demand	832	196,216,531	\$ 72,639,653	\$ 37.0201	\$ 37.0201	\$ 72,639,653	235,908	\$ 87,334	\$ 11.5924	\$ 22,748,302	\$ 25.4277	\$ 49,893,350
P Large General	84	218,611,516	\$ 78,259,124	\$ 35.7983	\$ 35.7983	\$ 78,259,124	2,597,365	\$ 929,811	\$ 10.3781	\$ 22,687,810	\$ 25.4201	\$ 55,571,313
I Independent Power Product	3	1,046,885	\$ 379,972	\$ 36.2955	\$ 36.2955	\$ 379,972	339,530	\$ 123,234	\$ 11.2537	\$ 117,813	\$ 25.0418	\$ 262,150
H Private St. Lights	490	368,260	\$ 334,066	\$ 90.7147	\$ 90.7147	\$ 334,066	751	\$ 682	\$ 65.0020	\$ 239,376	\$ 25.7127	\$ 94,689
Sub-Total	51,335	981,124,438	\$ 353,701,927	\$ 36.0507	\$ 36.0507	\$ 353,701,927	19,112	\$ 6,890	\$ 10.6472	\$ 104,461,896	\$ 25.4035	\$ 249,240,030
Government Service:												
S Small Non Demand	743	12,905,603	\$ 5,300,296	\$ 41.0697	\$ 41.0697	\$ 5,300,296	17,360	\$ 7,130	\$ 15.3691	\$ 1,983,475	\$ 25.7006	\$ 3,116,821
K Small Demand	338	94,875,792	\$ 37,308,947	\$ 39.3240	\$ 39.3240	\$ 37,308,947	280,836	\$ 110,436	\$ 13.4526	\$ 12,763,220	\$ 25.8714	\$ 24,545,727
L Large	27	58,543,756	\$ 22,087,079	\$ 37.7275	\$ 37.7275	\$ 22,087,079	2,154,985	\$ 813,021	\$ 12.1843	\$ 7,133,139	\$ 25.5432	\$ 14,953,940
F Street Lighting (Agencies)	668	5,198,368	\$ 5,453,968	\$ 104.9169	\$ 104.9169	\$ 5,453,968	7,780	\$ 8,163	\$ 79.1472	\$ 4,114,363	\$ 25.7697	\$ 1,339,605
Sub-Total	1,777	171,523,519	\$ 70,150,291	\$ 40.8984	\$ 40.8984	\$ 70,150,291	96,547	\$ 39,486	\$ 15.1549	\$ 25,994,197	\$ 25.7435	\$ 44,156,093
Sub-Total												\$ 293,396,124
U.S. Navy	1	294,602,448	\$ 89,082,411	\$ 30.2382	\$ 30.2382	\$ 89,082,411	21,702	\$ 7,980	\$ 6.5138	\$ 19,189,667	\$ 23.7244	\$ 69,892,743
TOTAL	53,113	1,447,250,406	\$ 512,934,628	\$ 35.4420	\$ 35.4420	\$ 512,934,628	27,249	\$ 9,657	\$ 10.3400	\$ 149,645,761	\$ 25.1020	\$ 363,288,867

GPA Work Session - February 22, 2024 - GM REPORT UPDATES

GPA-318
318Jan24

ENERGY ACCOUNT
FY 2024 Versus FY 2023

FOR INTERNAL USE ONLY

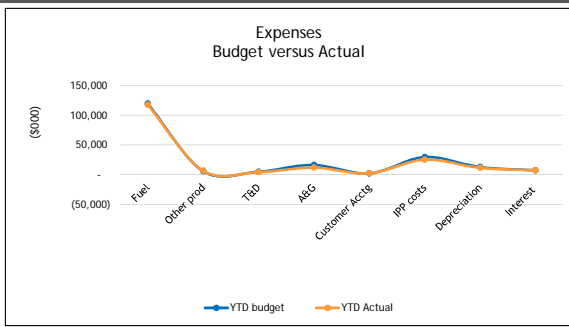
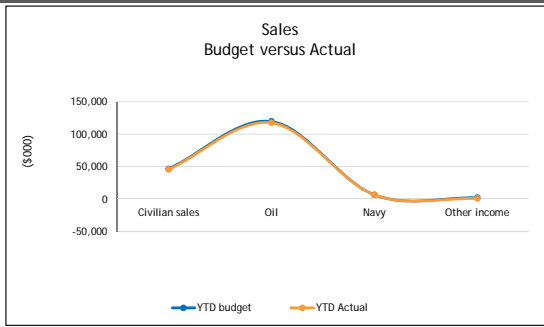
Gross Generation	January 2024		January 2023		Y T D 2024		Y T D 2023		MOVING TWELVE MONTHS					
	Number of days in Period	Peak demand	Date	KWH	% change	KWH	% change	KWH	% change	KWH	% change			
Number of days in Period	31	233	01/03/24	31	233	01/16/23	123	249	12/26/23	123	250	365	257	05/16/23
Peak demand														
Date														
Energy Account:														
Kilowatt hours GPA:														
Cabras 1 & 2	36,939,000			34,552,000			179,952,000			198,027,000			448,330,000	
Cabras No. 3	0			0			0			0			0	
Cabras No. 4	0			0			0			0			0	
MEC (ENRON) Piti 8 (IPP)	26,189,900			27,727,000			100,949,960			103,968,600			289,412,860	
MEC (ENRON) Piti 9 (IPP)	27,116,400			25,504,400			104,912,500			98,721,800			296,692,910	
TEMES Piti 7 (IPP)	7,981,580			11,772,176			36,610,821			35,958,452			127,525,657	
Tanguisson 2	0			0			0			0			0	
Tanguisson 1	0			0			0			0			0	
Diesels/CT's & Others:														
MDI 10MW	377,034			0			2,172,230			609,934			7,092,935	
NRG Solar Dandan	3,945,922			3,158,566			14,709,748			13,381,867			39,624,993	
KEPCO Mangilao Solar	11,246,171			10,444,781			45,671,078			42,174,699			121,938,102	
Dededo CT #1	4,952,230			2,480,750			18,115,090			5,364,830			56,293,560	
Dededo CT #2	4,043,090			3,108,230			14,974,550			7,059,270			53,092,470	
Macheche CT	7,103,526			245,484			26,141,799			1,518,091			62,039,031	
Yigo CT	0			9,250,960			0			26,861,757			28,266,477	
Tenjo	1,339,930			420,900			5,783,440			427,030			19,018,460	
Talofofo 10 MW	327,560			4,510			1,411,045			566,920			6,611,665	
Aggreko/Yigo Diesel Units	2,606,272			8,456,029			12,991,813			26,632,546			45,775,896	
Wind Turbine*	0			0			0			0			0	
Orote	0			0			0			0			0	
Marbo	0			0			0			0			0	
	134,168,615			137,125,787			564,396,074			561,272,797			1,601,715,016	
Ratio to last year			97.84			100.25			100.56			99.46		94.60
Station use	4,946,779			4,169,110			21,785,153			20,352,825			57,272,647	
Ratio to Gross generation			3.69			3.04			3.86			3.63		3.58
Net send out	129,221,836			132,956,677			542,610,921			540,919,972			1,544,442,370	
Ratio to last year			97.19			101.72			100.31			100.08		94.56
KWH deliveries:														
Sales to Navy (@34.5kv)	25,271,736			27,318,599			106,835,384			103,540,566			294,602,447	
Ratio to last year			92.51			106.56			103.18			99.38		94.18
GPA-metered	103,950,100			105,638,078			435,775,537			437,379,406			1,249,839,923	
Ratio to last year			98.40			100.53			99.63			100.25		94.64
Power factor adj.	0			0			0			0			0	
Adjusted	103,950,100			105,638,078			435,775,537			437,379,406			1,249,839,923	
GPA KWH Accountability:														
Sales to civilian customers- accrual basis	96,639,467			98,049,320			401,369,377			405,015,793			1,152,647,958	
Ratio to last year			98.56			101.36			99.10			99.72		94.05
GPA use-KWH	290,260			308,285			1,196,713			1,269,410			3,574,942	
Unaccounted For	7,020,373			7,280,473			33,209,446			31,094,203			93,617,023	
Ratio to deliveries			6.75			6.89			7.62			7.11		7.49
Ratio to Gross Generation			5.23			5.31			5.88			5.54		5.84
Ratio to Net Send Out			5.45			5.49			6.12			5.75		6.08

GPA-317Jan24

**Guam Power Authority
Fuel Consumption
FY 2024**

Description	January 2024		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARRELS	AMOUNT
FUEL FURNISHED:						
NAVY:						
Diesel	0	0	0	0	0	0
Low/Ultra Sulfur	0	0	0	0	0	0
	0	0	0	0	0	0
GPA:						
High Sulfur	0	\$0	0	\$ -	0	\$ -
Diesel	153,669	\$17,997,376	616,036	\$ 73,555,401	1,907,446	\$ 220,431,800
Low/Ultra Sulfur	67,106	\$10,055,551	322,976	\$ 44,403,212	804,487	\$ 111,636,812
Deferred Fuel Costs	0	-\$2,840,330	0	\$(10,852,216)	0	\$(780,143)
Fuel Adjustments	0	\$0	0	\$ -	0	\$ 2,103,649
Fuel Handling Costs	0	\$2,549,236	0	\$ 10,385,326	0	\$ 29,878,382
	220,775	\$27,761,833	939,012	\$ 117,491,723	2,711,933	\$ 363,270,500
IWPS:						
High Sulfur	0	\$0	0	\$ -	0	\$ -
Diesel	153,669	\$17,997,376	616,036	\$ 73,555,401	1,907,446	\$ 220,431,800
Low/Ultra Sulfur	67,106	\$10,055,551	322,976	\$ 44,403,212	804,487	\$ 111,636,812
Deferred Fuel Costs	0	-\$2,840,330	0	\$(10,852,216)	0	\$(780,143)
Fuel Variance	0	\$0	0	\$ -	0	\$ 2,103,649
Fuel Handling Costs	0	\$2,549,236	0	\$ 10,385,326	0	\$ 29,878,382
	220,775	\$27,761,833	939,012	\$ 117,491,723	2,711,933	\$ 363,270,500
AVERAGE COST/Bbl.						
High Sulfur		#DIV/0!		#DIV/0!		#DIV/0!
Diesel		\$117.12		\$119.40		\$115.56
Low/Ultra Sulfur		\$149.85		\$137.48		\$138.77
AS BURNED						
Cabras 1 & 2						
High Sulfur	0	\$ -	0	\$ -	0	\$ -
Low/Ultra Sulfur	67,106	\$ 10,055,551	322,976	\$ 44,403,212	804,487	\$ 111,636,812
Diesel	138	\$ 18,822	1,624	\$ 207,887	3,814	\$ 487,785
	67,244	\$ 10,074,373	324,600	\$ 44,611,100	808,301	\$ 112,124,596
Cabras 3 & 4						
High Sulfur	0	\$ -	0	\$ -	0	\$ -
Low/Ultra Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	0	\$ -	0	\$ -	0	\$ -
	0	\$ -	0	\$ -	0	\$ -
MEC (Piti Units 8&9)						
High Sulfur	0	\$ -	0	\$ -	0	\$ -
Low/Ultra Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	79,883	\$ 9,776,691	309,095	\$ 35,929,130	878,923	\$ 100,831,530
	79,883	\$ 9,776,691	309,095	\$ 35,929,130	878,923	\$ 100,831,530
Diesel & CT's - GPA:						
MDI Dsl	608	\$ 83,248	3,503	\$ 463,610	11,422	\$ 1,501,193
Dededo CT #1	14,641	\$ 1,624,133	54,312	\$ 6,705,522	168,516	\$ 19,444,235
Dededo CT #2	12,218	\$ 1,355,326	45,977	\$ 5,685,579	160,424	\$ 18,465,046
Macheche CT	15,431	\$ 1,705,910	57,537	\$ 7,084,009	132,281	\$ 15,447,321
Yigo CT	0	\$ -	0	\$ -	57,684	\$ 6,786,194
Talofoto 10 MW	557	\$ 68,611	2,398	\$ 314,383	11,214	\$ 1,278,960
Aggreko	5,875	\$ 656,875	27,976	\$ 3,499,974	95,556	\$ 11,089,732
Tenjo	2,230	\$ 251,087	9,755	\$ 1,012,112	32,089	\$ 3,487,548
TEMES (IPP)	21,858	\$ 2,420,911	102,492	\$ 12,442,457	349,607	\$ 40,596,869
GWA Generators	232	\$ 35,762	1,367	\$ 210,739	5,916	\$ 1,015,387
	73,649	\$ 8,201,863	305,317	\$ 37,418,384	1,024,708	\$ 119,112,485
Deferred Fuel Costs	0	\$(2,840,330)	0	\$(10,852,216)	0	\$(780,143)
Adjustment	0	\$ -	0	\$ -	0	\$ 2,103,649
Fuel Handling Costs	0	\$ 2,549,236	0	\$ 10,385,326	0	\$ 29,878,382
TOTAL	220,775	\$ 27,761,833	939,012	\$ 117,491,723	2,711,933	\$ 363,270,500

Statement of operations Comparison-Budget versus Actual For the month and year to date ended January 31, 2024						
	Budget	Actual January-24	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	97,498	96,639	858	411,370	401,369	10,001
Non-fuel yield	\$ 0.116898	\$ 0.118636	\$ (0.001738)	\$ 0.113238	\$ 0.113401	\$ (0.000164)
KwH Sales-Navy	27,121	25,272	1,849	105,779	106,835	(1,056)
Non-fuel yield	\$ 0.061970	\$ 0.060555	\$ 0.001415	\$ 0.061970	\$ 0.061479	\$ 0.000492
Operating revenue						
Civilian sales	\$ 11,397	\$ 11,465	\$ (68)	\$ 46,583	\$ 45,516	\$ 1,067
Oil	28,805	27,762	1,043	119,536	117,520	2,016
Navy	1,681	1,530	150	6,555	6,568	(13)
DSM-Rebates	-	311	(311)	-	1,259	(1,259)
Other income	461	148	312	1,987	725	1,262
	<u>42,343</u>	<u>41,216</u>	<u>1,127</u>	<u>174,661</u>	<u>171,588</u>	<u>3,073</u>
Bad debts expense	104	104	-	415	415	-
Total operating revenues	\$ 42,240	\$ 41,112	\$ 1,127	\$ 174,246	\$ 171,173	\$ 3,073
Operating expenses:						
Production fuel	\$ 28,805	\$ 27,762	\$ 1,043	\$ 119,536	\$ 117,492	\$ 2,044
O & M expenses:						
Other production	1,555	2,061	(506)	6,214	6,804	(590)
Transmission distribution	1,306	1,213	93	5,242	4,427	816
Administrative expense	4,061	3,005	1,056	16,407	12,113	4,294
Customer accounting	483	452	31	1,876	2,071	(194)
	<u>7,405</u>	<u>6,731</u>	<u>674</u>	<u>29,740</u>	<u>25,415</u>	<u>4,325</u>
IPP costs	1,170	863	307	4,680	3,438	1,242
Depreciation	3,214	2,943	271	12,856	11,666	1,189
	<u>40,593</u>	<u>38,298</u>	<u>2,295</u>	<u>166,812</u>	<u>158,011</u>	<u>8,801</u>
Operating income	1,646	2,814	(1,168)	7,434	13,162	(5,728)
Other revenue (expenses):						
Investment income	87	380	(293)	326	1,410	(1,084)
Interest expense	(1,841)	(1,849)	8	(7,362)	(7,392)	30
Allowance for funds used during construction	-	-	-	-	-	-
Pandemic -COVID19	-	-	-	-	-	-
Losses due to typhoon	-	(719)	719	-	(2,222)	2,222
Bond issuance costs/Other expenses	(10)	28	(38)	(40)	113	(153)
	<u>(118)</u>	<u>654</u>	<u>(772)</u>	<u>357</u>	<u>5,070</u>	<u>(4,714)</u>
Grants from the U.S. Government	-	595	(595)	-	1,873	(1,873)
Increase (decrease) in net assets	\$ (118)	\$ 1,250	\$ (1,367)	\$ 357	\$ 6,944	\$ (6,587)



Guam Power Authority Debt service coverage January 31, 2024					
	Audited 2020	Audited 2021	Audited 2022	Unaudited 2023	YTD Unaudited 2024
Funds Available for Debt Service					
Earnings from Operations	\$ 27,703	\$ 33,341	\$ 38,494	\$ 40,560	\$ 13,162
Interest Income	\$836	(\$245)	(1,332)	6,484	\$1,026
Depreciation Expense	37,645	38,235	35,213	35,216	11,666
Balance Available for Debt Service	\$ 66,184	\$ 71,331	\$ 72,375	\$ 82,260	\$ 25,854
IPP - Capital Costs					
Principal	\$ 8,399	\$ 2,217	\$ -	\$ -	\$ -
Interest	531	28	-	-	-
Total IPP Payments	\$ 8,930	\$ 2,245	\$ -	\$ -	\$ -
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	-	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	-	-	-	-	-
Principal and Interest (2012 Senior TE Bond)	35,232	35,232	20,746	-	-
Principal and Interest (2014 Senior TE Bond)	5,087	5,088	5,086	5,083	1,695
Principal and Interest (2017 Senior TE Bond)	7,418	7,416	7,733	11,452	3,815
Principal and Interest (2022 Bond)	-	-	8,745	31,467	7,138
Total	\$ 47,737	\$ 47,736	\$ 42,310	\$ 48,001	\$ 12,647
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	1.20 x	1.45	1.71	1.71 x	2.04 x
Existing DSC Methodology (Senior+Subordinate)	1.20 x	1.45	1.71	1.71 x	2.04 x
Bond Covenant DSC	1.39 x	1.49	1.71	1.71 x	2.04 x
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75	1.75	1.75 x	1.75 x
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30	1.30	1.30 x	1.30 x
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20	1.20	1.20 x	1.20 x

Notes:

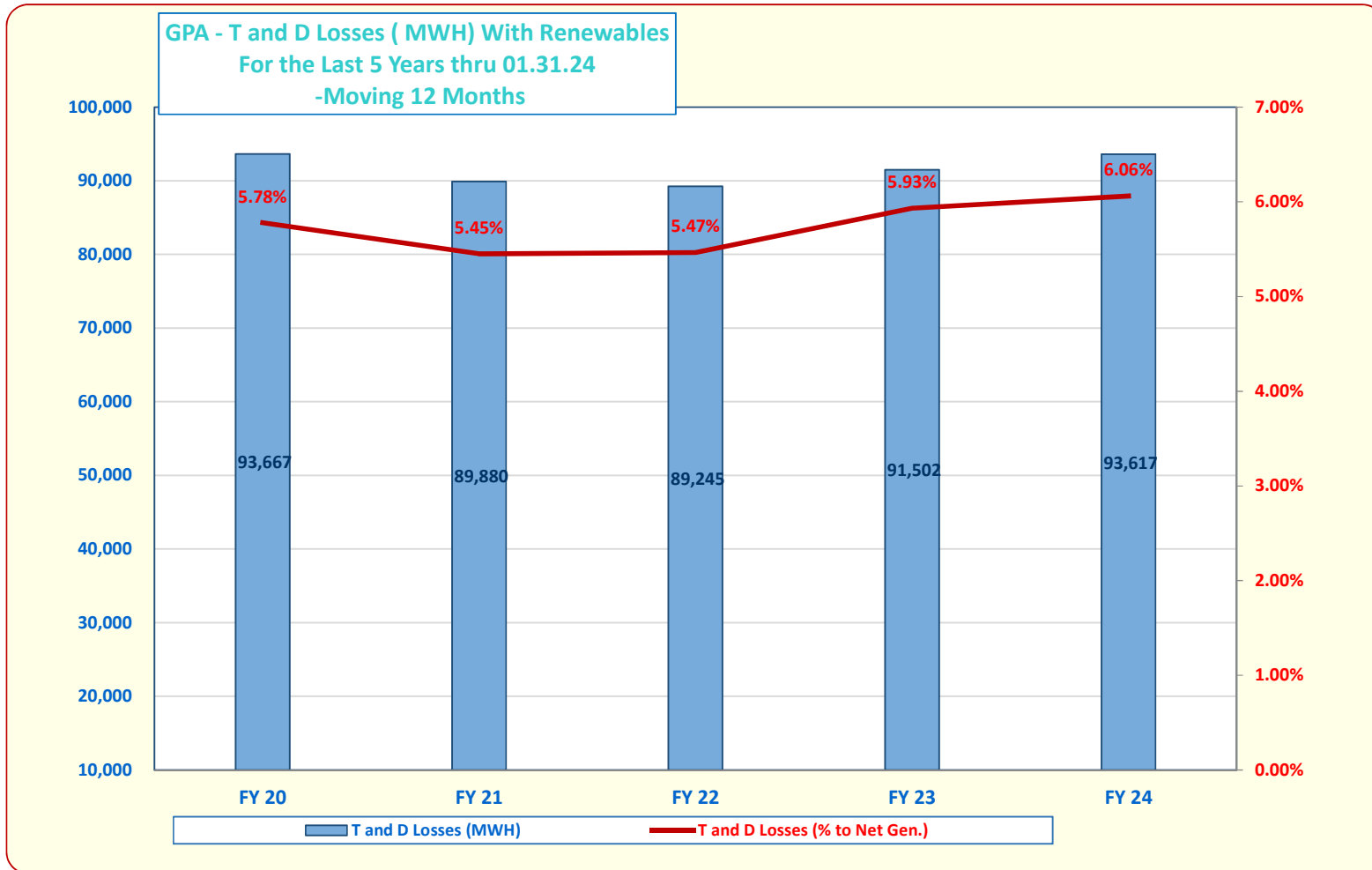
(1) Source: Guam Power Authority, 2017 - 2020 Audited Financial Statements and 2020-2021 Unaudited Financial Statements

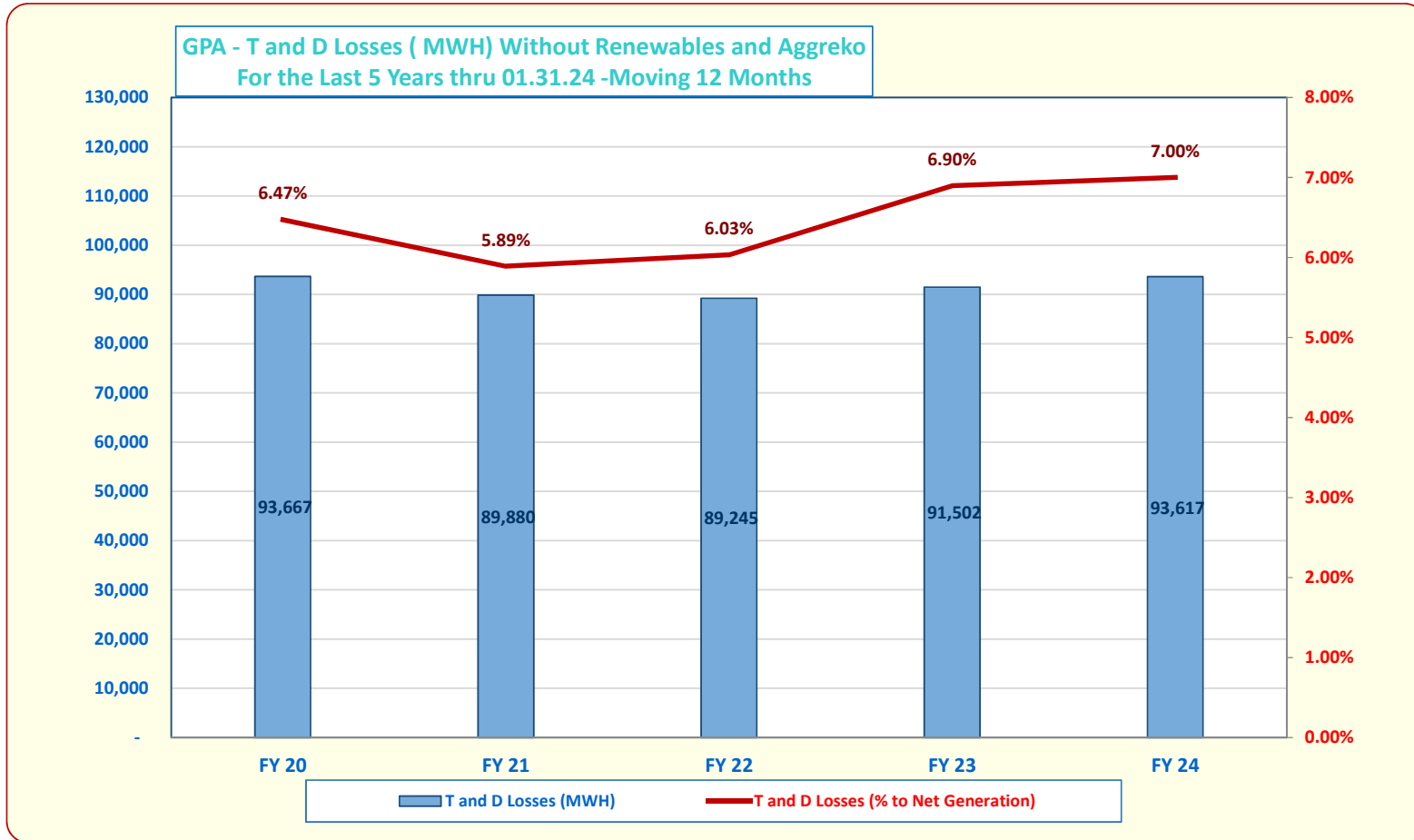
(2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit

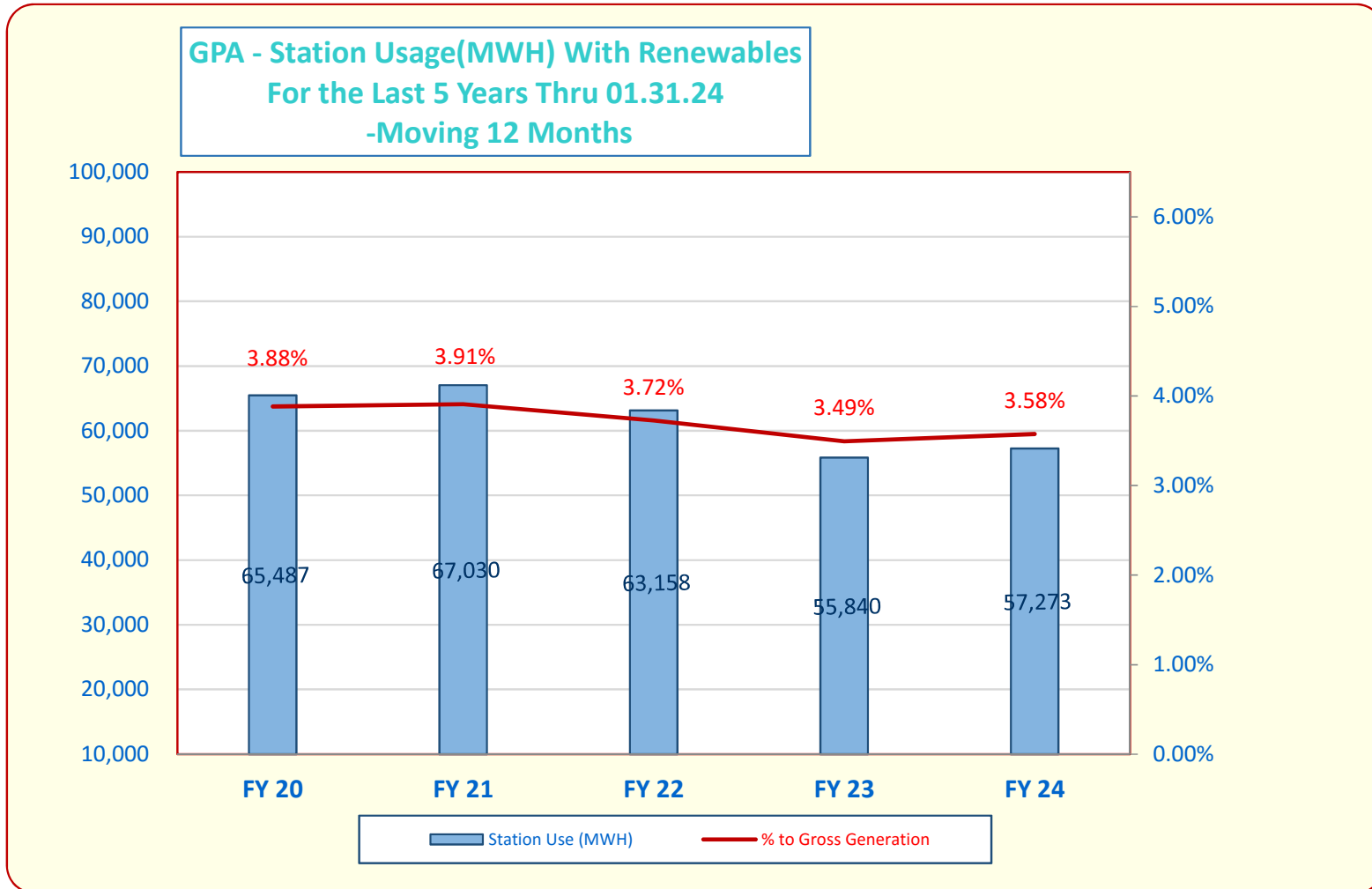
(3) Existing DSC Methodology (Rating Agency Method):
(Operating Earnings + Depreciation Expense - IPP Principal & Interest Payments)/
(Senior and Subordinate Bond Principal & Interest Payments)

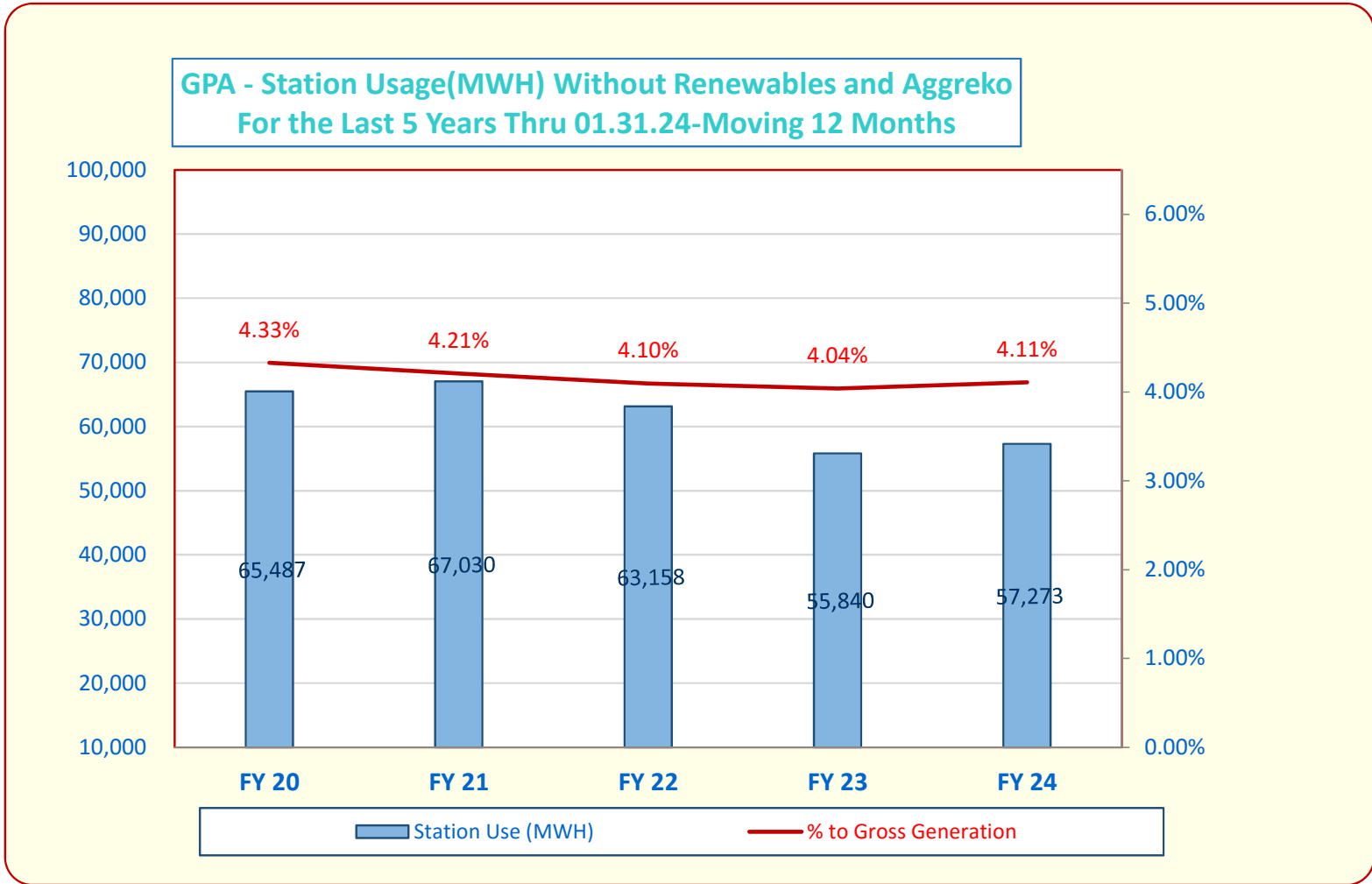
(4) Bond Covenant DSC Methodology: (Operating Earnings + Depreciation Expense)/
(Senior and Subordinate Bond Principal & Interest Payments)

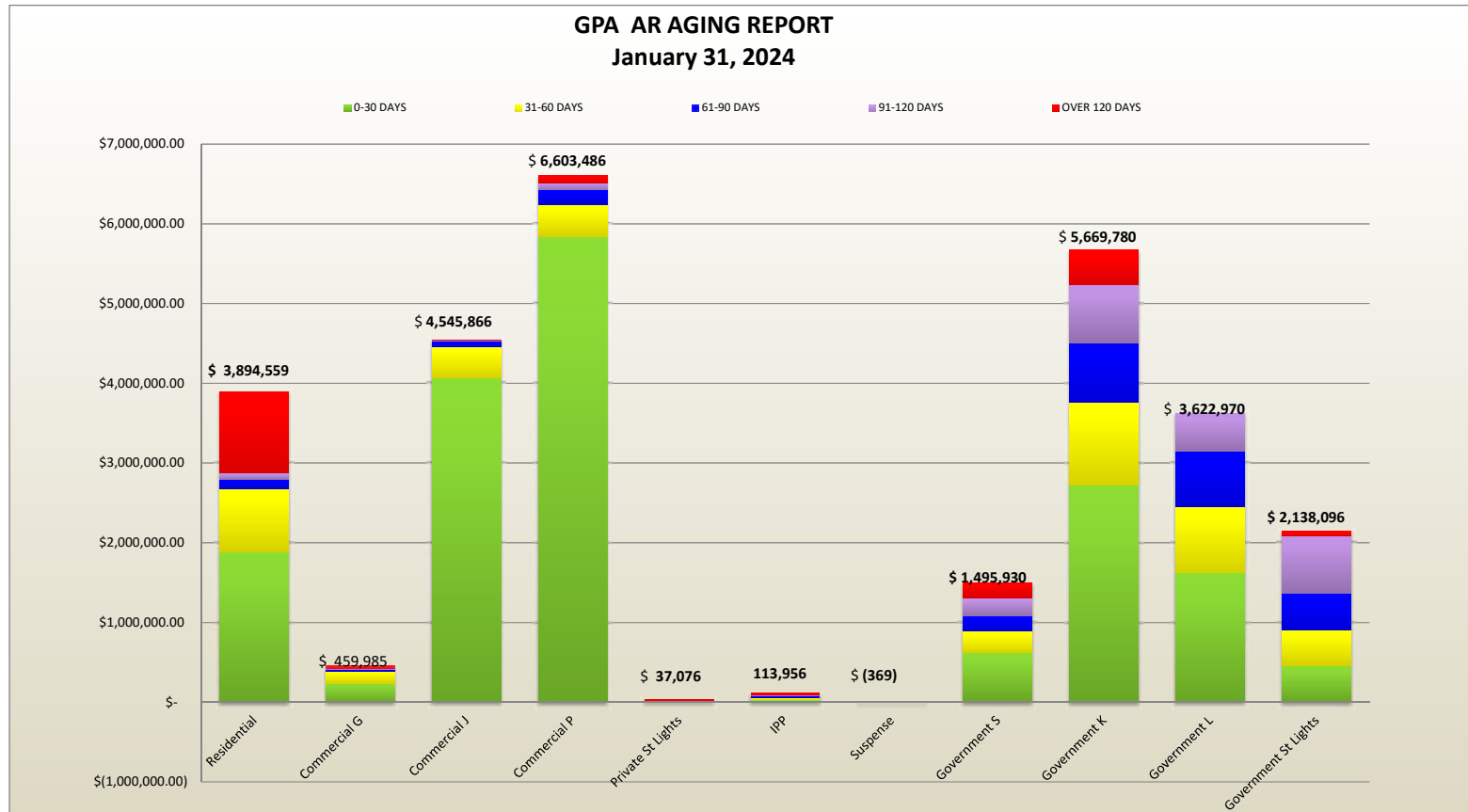
Month	Existing Methodology	Bond covenant calc	Target	Bond requirement
Feb-23	1.20	1.20	1.75	1.30
Mar-23	1.20	1.20	1.75	1.30
Apr-23	1.20	1.20	1.75	1.30
May-23	1.20	1.20	1.75	1.30
Jun-23	1.20	1.20	1.75	1.30
Jul-23	1.20	1.20	1.75	1.30
Aug-23	1.20	1.20	1.75	1.30
Sep-23	1.20	1.20	1.75	1.30
Oct-23	1.20	1.71	1.75	1.30
Nov-23	1.20	1.71	1.75	1.30
Dec-23	1.20	1.71	1.75	1.30
Jan-24	1.20	1.71	1.75	1.30











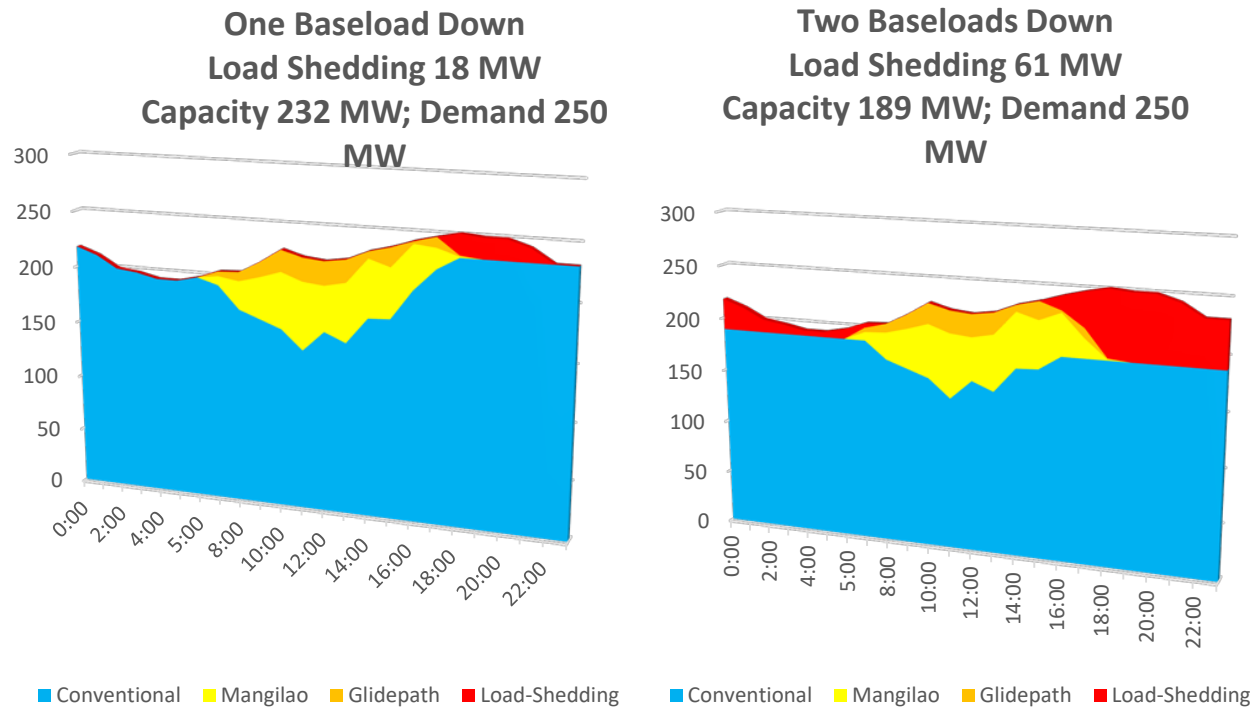
GPA Work Session - February 22, 2024 - GM REPORT UPDATES

**ACCOUNTS RECEIVABLE BY RATE - ACTIVE
AR AGING REPORT
AS OF January 31, 2024**

GL ACCOUNT	RATE	TOTAL DUE	0-30 DAYS	31-60 DAYS	61-90 DAYS	91-120 DAYS	OVER 120 DAYS
1000.142000.10	Residential - R	\$ 2,830,236.38	1,736,754.88	775,814.19	116,000.61	74,219.92	127,446.78
1000.142000.11	Residential - PP	\$ 894,338.77	(26.50)	-	-	-	894,365.27
1000.142000.17	Residential - D	\$ 169,984.00	143,959.22	\$ 26,024.78			
1000.142000.12	Commercial G	\$ 459,985.07	234,311.52	157,864.35	20,620.37	9,450.61	37,738.22
1000.142000.13	Commercial J	\$ 4,545,865.87	4,065,980.72	391,651.20	67,449.03	17,645.29	3,139.63
1000.142000.14	Commercial P	\$ 6,603,486.13	5,836,812.92	404,949.32	183,709.15	88,546.18	89,468.56
1000.142000.15	Private St Lights	\$ 37,076.08	16,188.68	3,696.52	2,719.25	2,464.15	12,007.48
1000.142000.16	IPP	\$ 113,956.43	29,832.38	30,674.73	17792.16	18085.43	17571.73
1000.142000.98	Suspense	\$ (369.10)	(369.10)				
	TOTAL PRIVATE	\$ 15,654,559.63	\$ 12,063,444.72	\$ 1,790,675.09	\$ 408,290.57	\$ 210,411.58	\$ 1,181,737.67
1000.142000.19	Government S	\$ 1,495,929.70	\$ 620,078.12	\$ 268,714.19	\$ 200,260.29	\$ 223,204.79	\$ 183,672.31
1000.142000.20	Government K	\$ 5,669,779.76	\$ 2,720,985.42	\$ 1,037,446.42	\$ 750,915.96	\$ 726,631.04	\$ 433,800.92
1000.142000.21	Government L	\$ 3,622,969.97	\$ 1,623,944.09	\$ 828,912.51	\$ 691,276.29	\$ 478,837.08	\$ -
1000.142000.22	Government St Lights	\$ 2,138,095.52	\$ 459,595.22	\$ 449,300.41	\$ 453,474.79	\$ 727,408.18	\$ 48,316.92
	TOTAL GOVERNMENT	\$ 12,926,774.95	\$ 5,424,602.85	\$ 2,584,373.53	\$ 2,095,927.33	\$ 2,156,081.09	\$ 665,790.15
	GRAND TOTAL	\$ 28,581,334.58	\$ 17,488,047.57	\$ 4,375,048.62	\$ 2,504,217.90	\$ 2,366,492.67	\$ 1,847,527.82
					\$ 24,367,314.09		
	Total Residential	\$ 3,894,559.15	\$ 1,880,687.60	\$ 801,838.97	\$ 116,000.61	\$ 74,219.92	\$ 1,021,812.05

GENERATION CAPACITY UPDATE

Impact of Generation Capacity Shortfall: Down Baseload Scenarios



Load Shedding Summary Sep. 1, 2023 – Jan. 31, 2024

Month	Feeders Impacted	Feeder Outages	Hours Outaged	Avg. MW /Feeder	Avg. Hrs/Feeder	Unservd kWh	% Energy Unservd	Days LS
Sep-23	48	349	274	2.83	5.7	6,497,316	4.9%	20
Oct-23	49	162	114	2.84	2.3	1,185,508	.86%	11
Nov-23	51	286	244	2.84	4.8	4,261,898	3.11%	9
Dec-23	12	13	7	3.47	0.6	66,018	.05%	4
Jan-24	21	25	18	1.90	0.9	44,449	.03%	4
Sept 1, 2023 thru Jan 31, 2024:			657		11.9			48

	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Up to Feb 19, 24	Mar-24	Apr-24	May-24
Net kWh Send-out	133,231,195	132,766,903	136,680,507	137,615,616	129,255,577	121,547,053	139,902,831	133,905,681	143,520,734
Avg MW Demand	219	224	233	233	211	214	232	226	240
Highest MW Demand	237	249	245	244	233	223	245	237	248

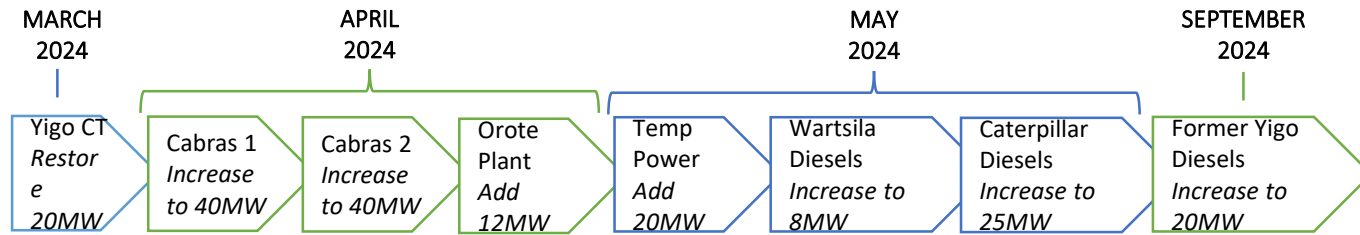
Notes:

1. Published monthly load shedding schedules are based on a scenario with up to 2 baseload plants offline.
2. On Nov 17, 3 plants were offline: (1) Piti 7 had been offline for preventive maintenance. (2) Cabras 2, baseload plant, suffered a boiler tube leak and was taken offline the previous evening for emergency repairs. (3) Piti 8, baseload plant, experienced a cooling water leak that evening (at the onset of peak demand), and was taken offline for emergency repair.
3. Lower demand, especially in Dec 2023, allowed plant personnel to complete repairs and preventative maintenance with little or no load shedding scenarios.
4. The numbers (Feeders Impacted, Feeder Outages, Hours Outaged, Avg. MW/Feeder, Avg. Hrs/Feeder, Unservd kWh) from September, 2023 through January, 2024 have been updated.

Action Plan for Recovery of Existing Capacity and Adding New Capacity

PLANT	ACTION	TARGET DATE
Cabras 2 <i>Baseload</i>	Boiler tube repairs. Unit being loaded towards 35-45 MW capacity.	Nov 20, 2023 (completed)
Piti 7 <i>Combustion Turbine</i>	Plenum repair (2-day outage) will increase capacity from 22 MW to 30 MW.	Dec 2, 2023 (early completion)
Yigo CT 20 MW <i>Combustion Turbine</i>	Typhoon damaged rotor under repair in Texas. GPA seeking assistance from federal partners to expedite return shipping.	Mar 2024
1.1 MW Diesels <i>Cummins Diesels</i>	Repair/replace up to 20 MW of capacity. Temporarily site at Tenjo (Emergency Procurement)	Sep 2024
Manenggong/Pulantat Diesels <i>Wartsila Diesels</i>	Current plant capacity at 3 MW. Unit control system replacement to increase plant capacity to 8 MW	May 2024
Tenjo, Talo'fo'fo Diesels <i>Caterpillar Diesels</i>	Perform significant repairs and/or rehabilitate units to increase plant capacity from by 12 MW to 25 MW	May 2024
Hagåtña & Talo'fo'fo BESS <i>Existing Utility-Scale ESS</i>	Utilize existing Battery Energy Storage System (ESS) to shift 40 MW energy during peak time [20MW shift?]	Mar 2024
OTHER CAPACITY		
Orote #2	5.6 MW Navy generator	Ongoing
Interruptible Load (IL) Program	Expand participation. Currently at ~16 MW.	Ongoing
NEW CAPACITY		
Temporary Power 20 MW	Procure 20 MW of temporary power generation under Emergency Procurement. A substituted version of Bill 206 may prevent delays due to protest.	May 2024, if no procurement protests or other delays

Near-Term Capacity Action Plan Timeline



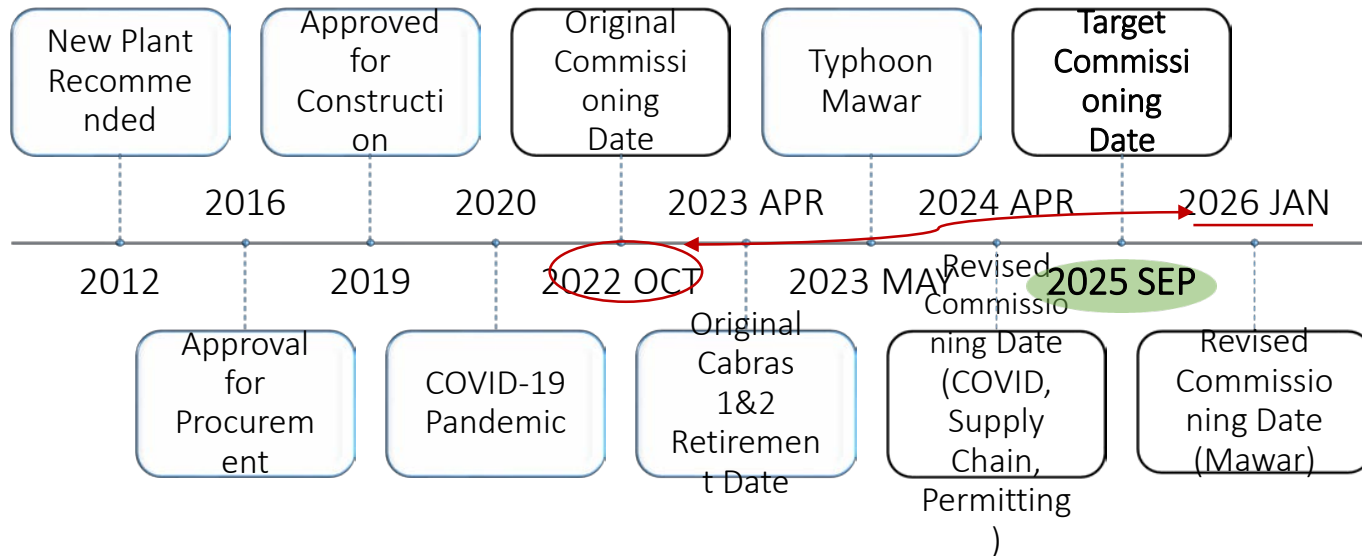
Capacity Dates: **11-Jan-24** **May-2024** **Sep-2024** **Sep-2025**

Yigo CT: Restore to 20MW <i>March</i>	0	20	20	20
Cabras 1: Increase to 40MW <i>April</i>	21	40	40	40
Cabras 2: Increase to 40MW <i>April</i>	34	40	40	40
Orote: Add 12MW <i>April</i>	0	12	12	12
Temporary Power Services: Add 20MW <i>May</i>	0	20	20	20
Wartsila Units: Increase to 8MW <i>May</i>	3	8	8	8
Caterpillar Units: Increase to 25MW <i>May</i>	12	25	25	25
1.1MW Diesels: Increase to 20MW <i>Sept</i>	6	0	20	20
Targeted MW Increase:	76	165	185	185

Long-Term Generation Capacity In Progress

New 198 MW Ukudu Combined Cycle Power Plant

- This plant, which is under construction and scheduled for commissioning in 2024, has now been delayed to January 2026 due to damages sustained from Typhoon Mawar. This delay presents additional challenges for GPA to meet the demand over the next two years.
- The new plant will provide improved generation reliability and substantially reduce fuel operating costs once commissioned.
- The plant is a critical part of the USEPA-GPA Consent Decree which also requires the retirement of Cabras units 1&2 within 5 months of the Ukudu plant's commissioning.



Long-Term Generation Capacity In Progress

(continued)

PHASE IV RENEWABLES BID

- Bids from proponents have been received. All five (5) bidders have progressed to next phase.
- This bid requests 180MW+ of renewable energy with energy shifting systems which would shift at least 50% energy production from daytime supply to nighttime supply to meet peak and reduce conventional unit production.
- Commissioning may take about 3 years from CCU & PUC approvals.
- The energy storage systems will help increase GPA generation capacity substantially.

HANWHA 60 MW SOLAR PV PLANT

- GPA had noted completion of this contract which was awarded in 2018 was tenuous due to huge escalation in transmission cost and have been working with contractor to agree on an acceptable solution in order to meet USEPA consent decree requirements.
- Project has received CCU & PUC approvals.

VIRTUAL POWER PLANT BID

- Engineering technical analysis and work on bid specifications are ongoing. Team is analyzing best way to integrate smaller-sized renewable capacity into the grid.
- This bid is considering 20 MW capacity as the initial pilot bid.

GPA Clean Energy Master Plan (CEMP)

John J. Cruz Jr., P.E.

Assistant General Manager

Engineering & Technical Services Department

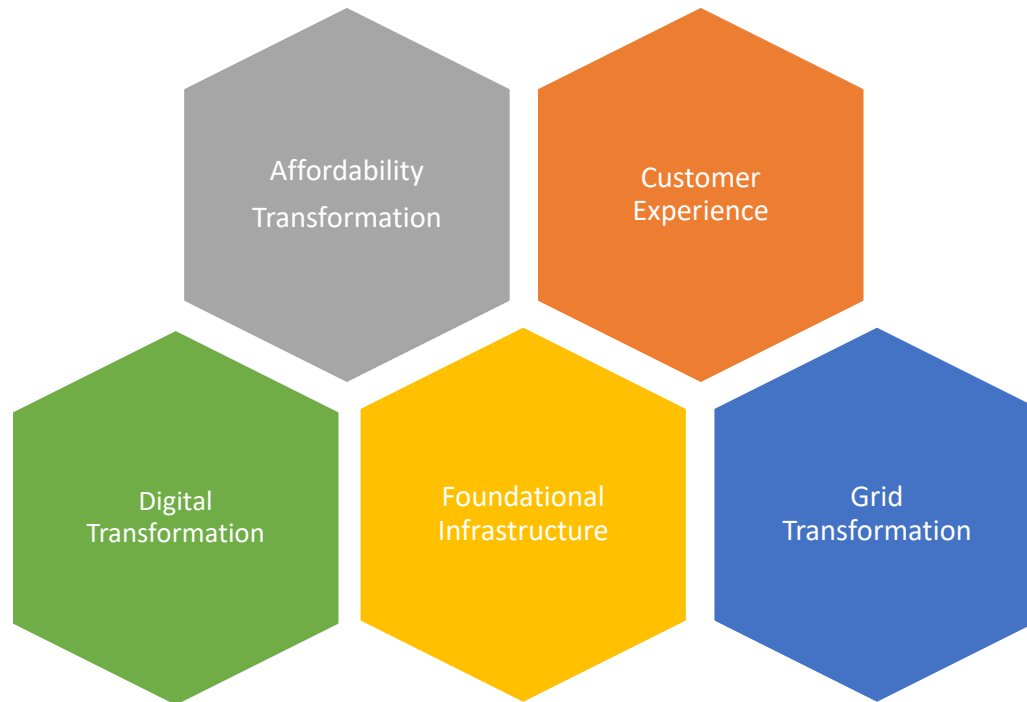
Guam Power Authority

12 January 2024

Clean Energy Master Plan Contents

- Volume 1 – Generation System Reliability, Adequacy and Resiliency
- Volume 2 – Generation Expansion Plan
- Volume 3 – Addendum to the 2018 Environmental Strategic Plan
- Volume 4 – Demand Side Management Plan
- Volume 5 – Medium Range Distribution Plan
- Volume 6 – Information/Operational Technology Plan
- Volume 7 – Strategic Plan
- Volume 8 – Electric Vehicle Road Map
- Volume 9 – Net Metering Plan

Clean Energy Master Plan Focus



Agenda

- National Laboratory Partnerships
- Clean Energy Master Plan Studies
- Guam Energy Security Plan
- Phase IV Renewable Energy Acquisition
- GPWA Fiber Optic Communications Network
- 40101d Formula Grant (Resiliency)
- Demand-Side Management (DSM)
- Information Technology / Operations Technology
- Renewable Integration
- Medium Range Distribution Studies
- Digital Transformation
- Guam Clean Energy Transition Pre-Conference

DRAFT

4

National Laboratory Partnerships

National Laboratory	Activity
Sandia National Laboratory (SNL)	ETIPP - Cohort 2
National Renewable Energy Laboratory (NREL)	GUAM100
	Phase IV Renewable Energy Acquisition
	Standalone BESS Bid Development
	Synchronous Condenser Bid Development
	Various Grant Partnerships
Argonne National Laboratory (ANL)	FRONTIER
	Guam Energy Security Plan (GESP)
Pacific Northwest National Laboratory (PNNL)	Various Grant Partnerships

Clean Energy Master Plan Update

Supporting Studies

- ETIPP Technical Assessment
- Guam100
- Hanwha/174 Power Global System Impact Study
- Phase IV System Impact Studies

Guam Energy Security Plan

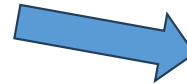
- The GESP is still a working draft and should not be provided to the public now. Once we complete and finalize the plan we then can publish it. – Tina Mafnas, Guam Energy Office.
- Grant Funded (\$200,000)

DRAFT

7

Origins of the GESP

- The Infrastructure Investment and Jobs Act (IIJA) of 2021 required each U.S. state and territory to complete an “energy security plan” to remain eligible for certain federal financial assistance.
- To comply with this new law, the Guam Energy Office partnered with the Guam Power Authority (GPA) to develop GovGuam’s first comprehensive “Guam Energy Security Plan” (GESP).
- Because of Argonne’s ongoing risk assessment studies on Guam, GPA asked Argonne to lead the development of the GESP in partnership with the National Renewable Energy Laboratory and Sheffield Scientific.



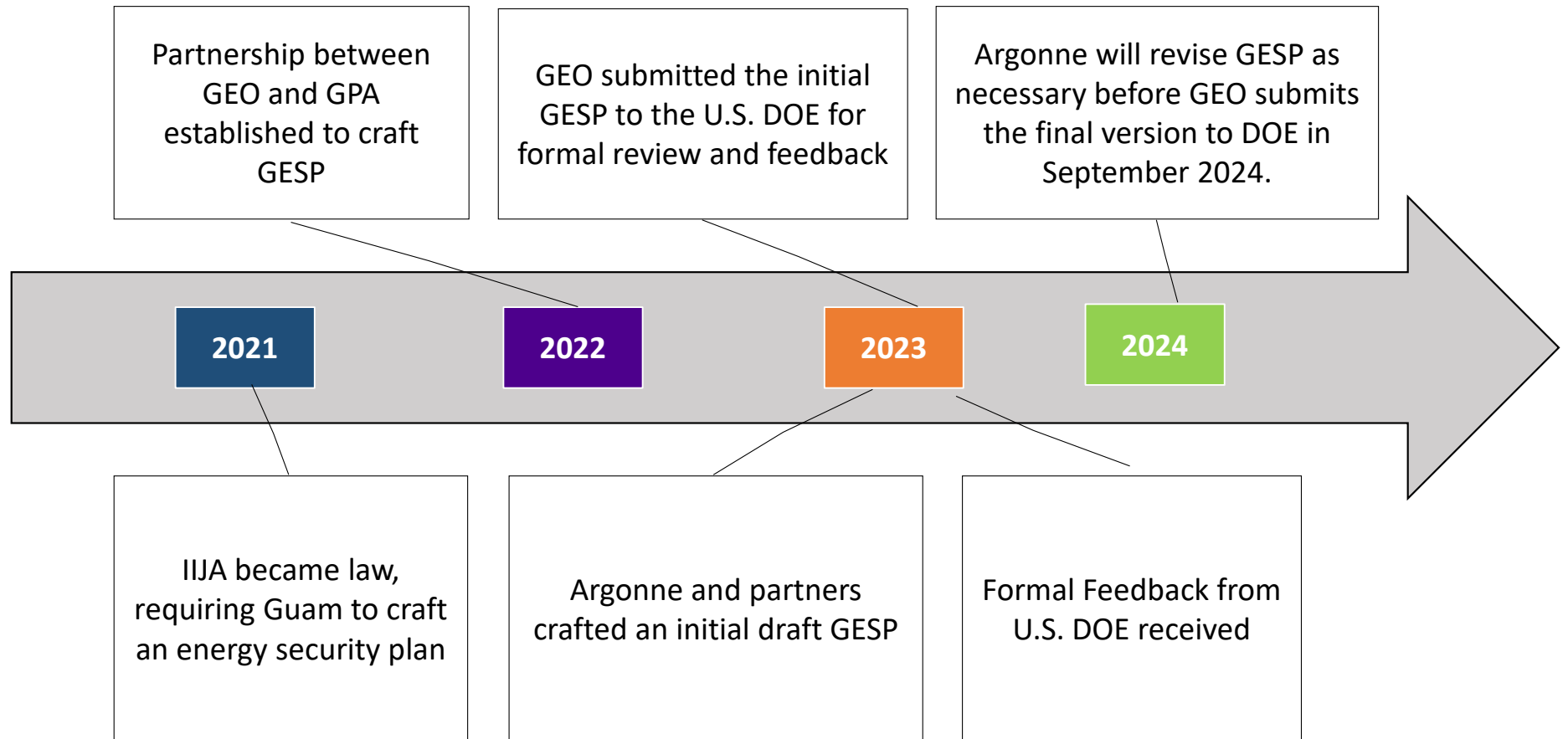
The GESP is required to address potential hazards to each energy sector or system on the island, among other requirements.



DRAFT

8

Timeline



DRAFT

State Energy Security Plan (SESP) Criteria DOE Feedback

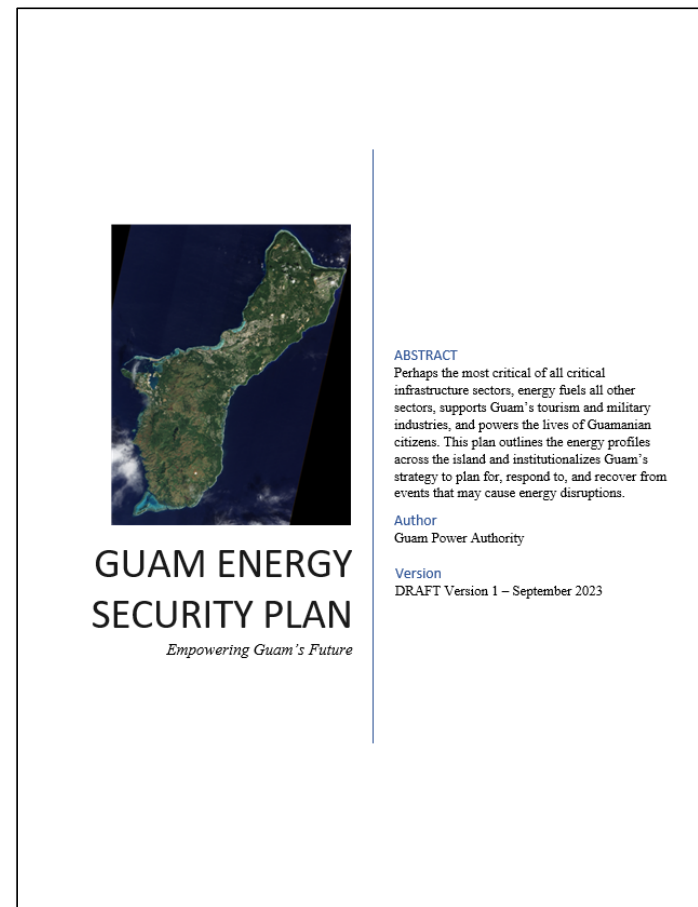
SESPs must:

1. **Address all energy sources and regulated and unregulated energy providers.**
2. **Provide a State energy profile, including an assessment of energy production, transmission, distribution, and end-use.**
3. **Address potential hazards to each energy sector or system, including: (A) physical threats and vulnerabilities; and (B) cybersecurity threats and vulnerabilities.**
4. **Provide a risk assessment of energy infrastructure and cross-sector interdependencies.**
5. **Provide a risk mitigation approach to enhance reliability and end-use resilience.**
6. **Address: (A) multi-State and regional coordination, planning and response; and (B) coordination with Indian Tribes with respect to planning and response. To the extent practicable, SESP must encourage mutual assistance in cyber and physical response plans.**

GPA and Argonne anticipated that element 4 would need to be further addressed. At the time of the drafting of the GESP, element 4 did not provide sufficient guidance. DOE's review has provided better understanding.

GESP Status Update

- Argonne and partners crafted the first version of the GESP using inspiration from the Guam Hazard Mitigation Plan (2019), Comprehensive Emergency Management Plan (2016), and discussions with GovGuam energy sector stakeholders. The initial version was submitted to the U.S. DOE in September 2023 for formal review and feedback.
- GovGuam received formal feedback from the U.S. DOE in December 2023.
- Based on feedback, Argonne will adjust the plan accordingly in collaboration with GovGuam stakeholders before the final plan is submitted in September 2024.



DRAFT

11

GESP Behind the Scenes

- GPA included sections on energy sector cyber and physical security as part of element (3) from the beginning although not initially required by U.S. DOE. Subsequent updates on the State Energy Security Plan requirements included physical and cybersecurity.
- Sheffield Scientific is also the GPA contractor for GPWA physical and cyber security. AGMETS wrote the RFP for Physical and Cyber Security and realized that the Guam Plan should address these areas.
- Sheffield will create a Confidential Limited Distribution Cyber and Physical Security Annex as part of further work on the GESP.

Phase IV Renewable Energy Acquisition

Completion of Hanwha and Phase IV Projects will bring GPA above 50% Renewable Energy Threshold

Phase IV Project Summary

Project #	Bidder	Size MW _{ac}	POI Voltage (kV)	First Year Price (\$/MWH)	First Year Minimum Energy (MWH)	First Year Contract Cost (\$)	Village	Site
060345IN1	Mojave Marianas LLC	60	34.5	\$ 150.0000	113,641.00	\$ 17,046,150.00	Inarajan	Near existing Dandan Solar
005138HR1	PEC and LMS	4.999	13.8	\$ 179.0000	8,342.21	\$ 1,493,255.59	Harmon	Near Harmon Sub (Lot 101185-4)
005138MJ	PEC and LMS	4.999	13.8	\$ 179.0000	8,411.42	\$ 1,505,644.18	Malojloj	Lot B-3REM-14-R2
005138PN1	PEC and LMS	4.999	13.8	\$ 179.0000	7,658.52	\$ 1,370,875.08	Pulantat	Near Leo Palace (LOT 177-1-4 and LOT 177-1-R6)
005138BR1	PEC and LMS	4.999	13.8	\$ 179.0000	8,420.02	\$ 1,507,183.58	Barrigada	Near Radio Barrigada Sub (LOT 2442-5, LOT 2442-6, and LOT 2442-7)
060345UK1	CoreTech International	60	34.5	\$ 173.6200	114,545.00	\$ 19,887,302.90	Ukudu	Near GWA Northern District WWTP
132115YN1	KEPCO, EWP, and Samsung	132	115	\$ 178.9929	216,055.00	\$ 38,672,311.01	Yona	Cross Island Road - Yilig River/Paulana River area
026345DD1	Power Solutions and SK	26.4	34.5	\$ 179.0000	58,105.00	\$ 10,400,795.00	Dededo	Guam International Country Club Golf Course
026345DD2	Power Solutions and SK	26.4	34.5	\$ 179.0000	58,093.00	\$ 10,398,647.00	Dededo	Guam International Country Club Golf Course
004138DD1	Power Solutions and SK	4.4	13.8	\$ 179.0000	9,655.00	\$ 1,728,245.00	Dededo	Guam International Country Club Golf Course
004138YG1	Power Solutions and SK	4.4	13.8	\$ 179.0000	9,367.00	\$ 1,676,693.00	Yigo	Lot 7079-1-R2 and Lot 7079-1-1R/W
Total		333.596			612,293.17	\$ 105,687,102.34		

DRAFT

14

Summary of Potential Challenges Connecting large GFM PV-BESS Plants to Distribution Feeders

1. Distribution planners should study effects of the large plant on distribution voltage regulation and distribution thermal limits. Distribution upgrades may be needed.
2. Substation controls and protection coordination should be examined. Power may flow in reverse, which is not necessarily a problem, but some items (e.g., LTC controls) should be coordinated.
3. Since the plant will be grid-forming, GPA should determine how to handle unintentional islanding of the distribution circuit. Direct transfer trip may be needed. And of course, if the GFM plant is tripped for distribution-related reasons, the system will lose its stabilizing benefits.
4. If the distribution feeder is on UFLS, the plant can be tripped on a frequency event, potentially exacerbating the event and leading to further UFLS stages tripping. The feeder may need to be removed from UFLS.
5. The contribution of the GFM plant to system strength may be reduced due to increased impedance between it and the rest of the system.
6. The RFP required black start capability. Black starting a distribution feeder would likely require a distribution microgrid design process, which would need to consider many topics, including but not limited to the black start sequence, communication/controls/SCADA design, protection coordination, ability of the GFM resource to energize transformers and start motor loads on the distribution feeder. In addition, if the plant is intended to be able to contribute to black start of the larger power system, its ability to do that would need to be studied.

System Impact Study is More Complicated and Involved.

DC-Coupled Versus AC-Coupled System

- If AC-Coupled System BESS inverter trips, the net output into the grid from the project doubles. This will exacerbate Excess Solar PV Production Events on high output periods.
- Recommendation
 - Immediately curtail solar PV inverter power output to half maximum project output.

Grid Forming (GFM) Inverters Benefit System Stability

- NREL Studies for Kau'ai and Maui indicate that GFMs stabilize their grids including for cases of zero-inertia: operating entirely on IBRs.
- GPA to address:
 - System impact Studies
 - Guam100
 - Need Accurate Inverter EMT Models

GPWA Fiber Optic Communications Network

Addresses topics and recommendations from Volume 6

DRAFT

18

14 Substations Currently on GPWA Fiber Communications

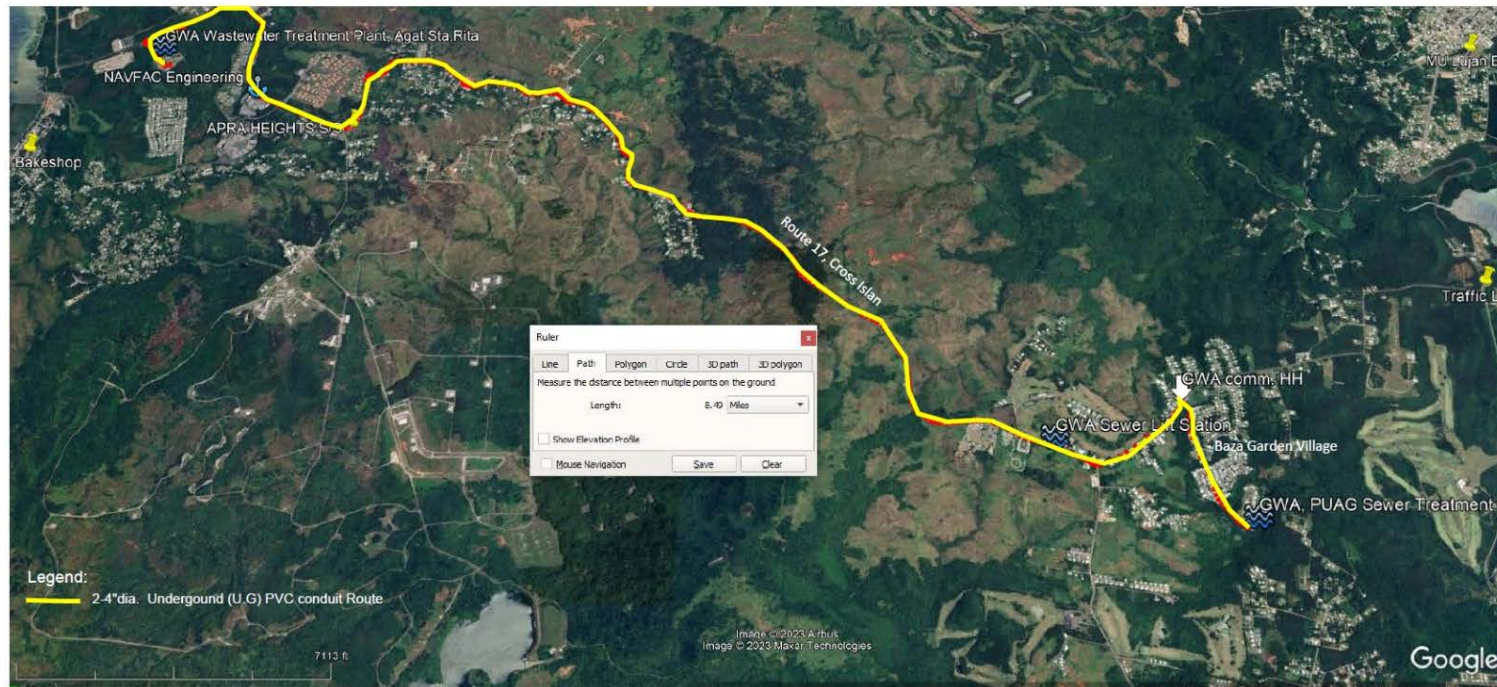
Substation Communications entirely on GPA Fiber Optic System or Tier II radio. No use of Telecom Carrier Resources.

Item #	GPA Substation
1	AAFB
2	Dededo
3	Finegayan
4	GAA
5	GIAT
6	Harmon
7	Macheche
8	Mangilao
9	Marbo
10	Pagat
11	San Vitores
12	Tamuning
13	Tumon
14	Yigo

Route Fiber Swap

12-27-2023 GPA/GWA Engineering SITE VISIT/INSPECTION

RE: Existing GWA Communication Line - Route 17 (Preliminary Site Visit: Familiarize existing 2ea.4" dia. U.g. conduit route)



DRAFT

20

Route 17 Fiber Swap

- GPA will allow Telecom Partner to fill one 4-inch Route 17 fiber conduit in trade for:
 - 144 fiber strands out of the installed fiber
 - Underground fiber optic cable connection between Route 17 fiber system to the Talofoto Substation
 - Underground fiber optic cable connection between Route 17 fiber system to the Cabras-Piti Complex fiber system (old-PSCC, Piti Substation), and Ukudu Fiber Cable
 - Underground fiber optic cable connection between Route 17 fiber system and:
 - Apra Heights Substation
 - Tenjo Vista Power Plant/Substation
 - Orote Substation
 - Ugum WTP (GWA)

Route 17 Fiber Swap Goals

- In conjunction with the Ukudu fiber optic cable system, the Route 17 Fiber Swap will result in the following being completely on the GPWA fiber optic system communications:
 - GPA
 - Talofoto
 - Dandan
 - Orote
 - Apra
 - Tenjo Vista
 - Piti
 - Cabras
 - GWA
 - Agat – Santa Rita WWTP
 - Ugum WTP
 - Baza Gardens GWA PUAG Sewer Treatment Plant

Route 17 Fiber Swap Project Schedule

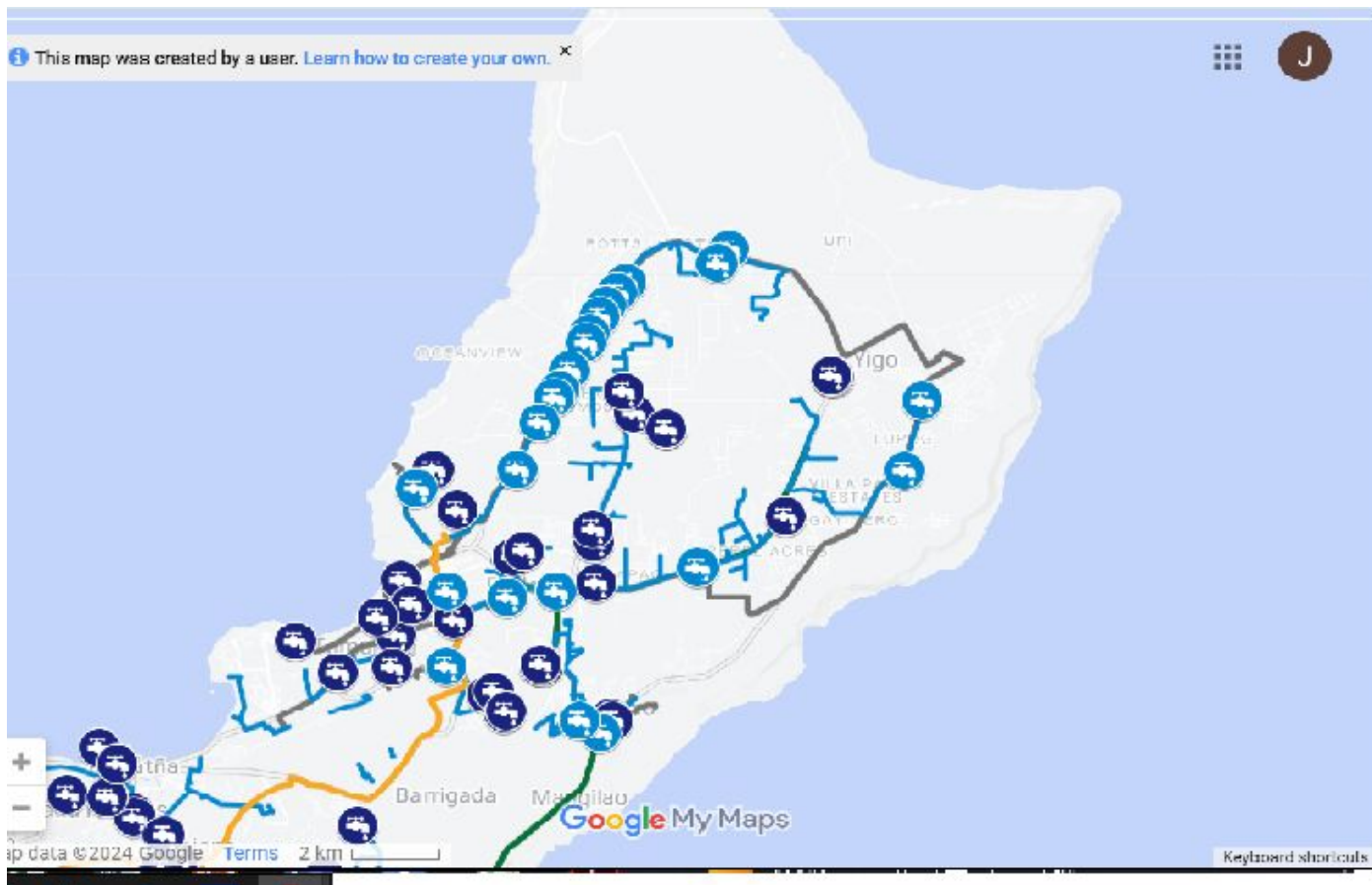
- Route 26 - start on this month (February 2024) and end in June 2024.
- Route 17 - after GPA/GWA sign NDA and MOA with IT&E, project will be completed within four (4) months.

Navy Fiber Swap

- NDA and Information Exchange
- GPA's initial Fiber Swap with Navy targets: Sites completely on the GPWA fiber optic system communications:
 - GPA
 - Hagatna
 - Anigua
 - Barrigada
 - Radio Barrigada
 - GWA
 - Hagatna WWTP

GWA/GPA Fiber Optic Communications Partnership

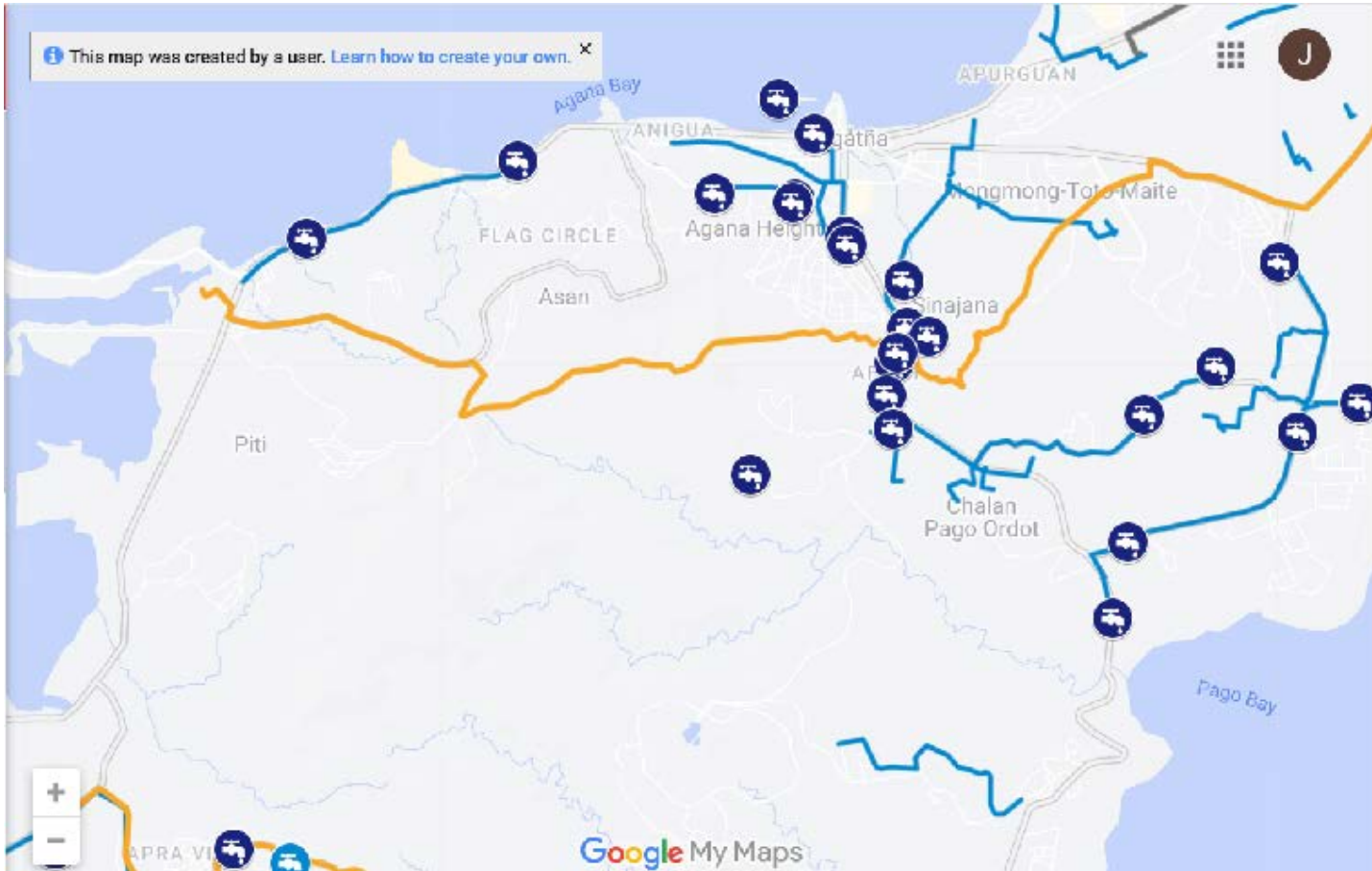
- Provide Fiber Optic Communications to 68 GWA sites
- Design Concept (AGMETS)
 - To be applied to GPA SCADA fiber communications architecture.
- Design Support (Alex B. Salomon, ENG)



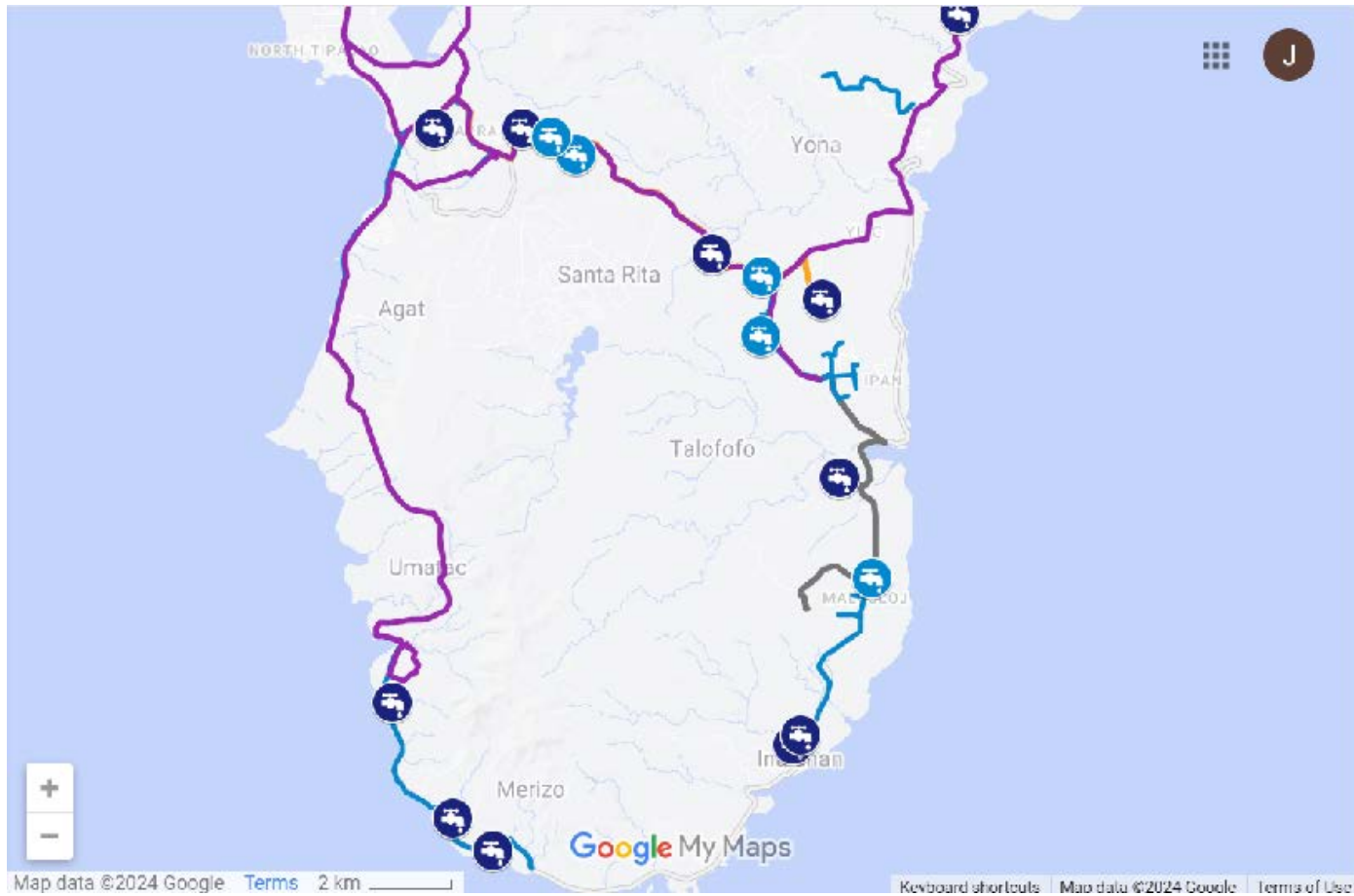
Future State Northern and Central Fiber

DRAFT

26



Future State Central South Fiber



Future State South Fiber

DRAFT

28

Broadband Equity Access and Deployment (BEAD) Program

- BEAD Allocation for Guam: \$156,831,733.59
- Guam's Allocation is being administered by:
 - Guam Broadband Infrastructure Initiative (BEAD)
 - Office of Infrastructure Policy & Development
- GPA responded to BEAD Office RFI
- Action on Allocation not expected this calendar year.

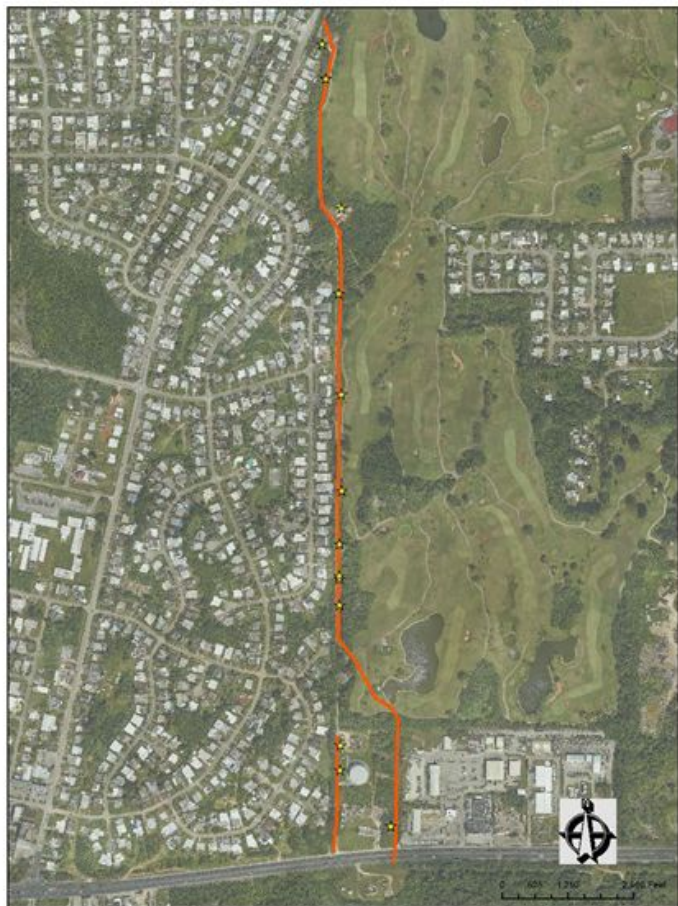
40101d Formula Grant: Grid Resilience State And Tribal Formula Grant

5-year Grant

GPA will receive combined year 1 through 3 funding: \$2,455,334

The five-year grant amount will be used to fund a partial underground of P-087 (Dededo)

**P-087 Partial Main Line Overhead
to Underground Conversion**



Legend
★ GMA Service
— Primary Line



Guam Power Authority
Division: Engineering
Section: Real Estate-GIS
Prepared by: rbarrios
Date: 1/4/2024 11:34:58 AM

DISCLAIMER: THE INFORMATION PROVIDED IS FOR OFFICIAL USE ONLY AND NOT TO BE USED FOR DESIGN OR ANALYSIS. ALL LOCATIONS AND DISTANCES ARE APPROXIMATE.

- Sourced by Dededo Substation
- Underground line between AAFB and Dededo Substation
- Tied into Dededo CT 1&2
- Power Supply multiple sources enables continued operation through Typhoons

- Underground Fiber Optics Cable Installation

DRAFT

31

Demand-Side Management

DRAFT

32

DSM: More than Just Rebates

- DSM Programs
 - Energy Sense Rebate Program
 - BEST Schools Program
 - Utility Energy Services (UESC) Program
 - We CARE, Guam! Program
 - STEM Outreach Program
 - Demand Response Program
- Programs in Development
- Demand Response, Locational Value of Solar, Non-Wires Solutions

GPA Docket 13-14 (May 25, 2017)

Item	DSM Program	Program Status
A.	Energy Audits (through GPA Customer Services, Online Energy Audits, or third party hired by GPA)	Under Development, Online Energy Audits
B.	Commercial A/C: High Efficiency Packaged Rooftop Unit (20 ton assumed, 15 SEER or better); Solar thermal assisted A/C per collector (no more than four collectors)	Energy Sense Rebate Program
C.	Commercial Building Energy Management System	UESC & BEST Schools Programs
D.	Commercial A/C: High Efficiency Split, Ducted A/C System (10 ton assumed, 18 SEER or better); Solar thermal assisted A/C per collector (no more than two collectors)	Energy Sense Rebate Program
E.	Residential A/C: Variable Refrigerant Flow A/C	Energy Sense Rebate Program
F.	Commercial A/C: Variable Refrigerant Flow A/C	Energy Sense Rebate Program
G.	Commercial Lighting	Under Development
	1. Internal Lighting-Tube LED Lamp, T-5 Lamp, and Low Wattage-T-8 Lamp	
	2. Outdoor Lighting - LED Floodlights and LED parking lot streetlights	
H.	Water Heating: Low Flow Showerheads; Energy Star Electric Water Heaters; Tankless Water Heaters	Water Heater Demand Response Program
I.	100 Customer ESS pilot program residential and commercial	Customer BESS Rebate Pilot; Water Heater DR Pilot
J.	Smart Inverter New System and Upgrade Rebates	Under Development

DSM Procurements

No.	Description	Announcement #/OR	Status
1	Home Energy Audit	Re-Solicitation GPA-RFP-24-002	GPA-RFP-24-002, Home Energy Audit had closed on Wednesday, 1/24/24 with no RFP submissions. RFP was re-announced with same SOW and requirements on 2/01/24 and closes 2/29/24.
2	EV Managed Charging Services	38025 OR	Submitted to Attorney General's office for review on 2/12/24, procurement exceeds \$500,000 threshold. Two-week comment period ends 2/26/24. If no comments, GPA will proceed with announcement.
3	Aquanta Water Heater Controller Pilot	38026 OR	Submitted to Attorney General's office for review on 2/12/24, procurement exceeds \$500,000 threshold. Two-week comment period ends 2/26/24. If no comments, GPA will proceed with announcement.
4	Application Processing Contract – RFQ	38760 OR	Pending. To be assigned to buyer as of 2/20/2024 (Status code 110-140)
5	Home Area Network	38280 OR	Requisition for 100 devices submitted to PMM. To be assigned to buyer as of 2/20/2024 (Status code 110-140)

DSM Energy Sense Program Savings

- The **calculated island wide DSM Energy Sense Program savings for the period of June 1, 2020 – July 31, 2023 is approximately \$53 million**, this includes a combination of the following:
 - Customer energy savings of \$27 million from charges for LEAC and reduced energy consumption. GPA rate schedule charges 0.0869 per kWh for non-fuel energy consumption. It was assumed savings would occur primarily within the lower cost tier 2 residential rate.
 - Future reductions in capital expenditures of \$26 million from the reduced demand placed on the system because of implementation of the DSM program. Reducing peak system demands will result in delaying future capital expenditures or prevent capacity additions for power generation, transmission and distribution transformers.
- **The cost of the DSM program during this period was \$6.6 million resulting in net savings to GPA and customers of \$47 million.**
- Energy consumption during the period was reduced by over 81 million kWh's, although not quantified in this report, reducing energy will reduce GPA's carbon emission.
- **Cumulative System Peak Demand reduction is 10.262 MW.**

BEST Schools Program

BEST Schools Program
 invested **\$4,787,257.85** in
 GDOE Energy Efficiency

No.	Funding Source	Location	Scope of Work	Amount	Status
1	GPA Refinanced Bond Funds	Carbullido Elementary School	<ul style="list-style-type: none"> • LED lighting retrofits (interior only excluding cafeteria) [~80% of total lighting fixtures] • An Enlighted lighting control system [2 classrooms] • New variable flow refrigerant (VRF) system to replace split system AC units [4 classrooms] • A solar thermal system to improve compressor operation of the new VRF system [4 classrooms] • A building automation system (BAS) and graphical workstation to monitor the new VRF system • Smart plug load sensors to monitor the school's various plug in electrical loads through the BAS [school-wide] 	\$ 280,565.00	Completed - August 2019
2	USDOI Grant (D18AP00209)	George Washington High	<ul style="list-style-type: none"> • LED lighting retrofits 	\$ 295,315.00	Completed - August 2019
3	USDOI Grant (D18AP00208)	Southern High School	Base Scope: <ul style="list-style-type: none"> • LED lighting retrofit [campus wide] Additional Scope: <ul style="list-style-type: none"> • Parking lot LED lighting retrofit 	\$ 1,025,787.00	Base SOW Completed - August 2019 Additional SOW completed February 2024
4	USDOI Grant (D19AP00170)	Agueda Johnston Middle School	LED lighting retrofit with occupancy sensors [campus wide]	\$ 595,572.00	Completed - December 2021
5	USDOI Grant (D19AP00169)	Maria Ulloa Middle School	LED lighting retrofit with occupancy sensors [campus wide]	\$ 442,713.00	Completed - September 2021
6	USDOI Grant (D21AP10231)	Tamuning Elementary School	LED lighting retrofit [Wings A and C]	\$ 154,526.85	Construction Completed February 2024
7	USDOI Grant (D21AP10226)	University of Guam SBPA	<ul style="list-style-type: none"> • LED lighting retrofit • Building Automation System (BAS) • 15kW Solar PV+ 17.1kWh BESS 	\$ 1,291,938.00	Construction Ongoing
8	USDOI Grant (D22AP00319)	Ordot Chalan Pago Elementary School	<ul style="list-style-type: none"> • LED lighting retrofit [campus wide] • 30kW Solar PV+ 18kWh BESS 	\$ 700,841.00	LED Retrofit Ongoing
Total Funding				\$ 4,787,257.85	

UESC Update

No.	UESC Program	Status
1	Naval Base Guam Preliminary Assessments	Ongoing - Finalizing ECMs and gathering data
2	Orote Power Plant Assessment	Ongoing - Siemens to submit proposal
3	UOG Phase 1 - Campus Wide Energy Transformation Project (Main Campus)	Substantially completed
4	AAFB Tank Farm Lighting Project	Completed (March 2022)

Programs in Development

Energy Audit Program

- Energy Audit Program
 - SPORD Staff CEAs and CEMs
 - Grant for CEA/CEM Training
 - Negotiating UOG Energy Audit Workforce Capacity Building Program
 - Guam Clean Energy Transition Pre-Conference presentation (UOG)
 - MOA Required
 - Source for Energy Auditors under GPA Program
 - Energy Audit Rebid.
- Online Energy Audits
 - April 2024 Rollout

Demand Response, Locational Value of Solar, Non-Wires Solutions

Addresses topics and recommendations in CEMP Volumes 1 and 4.

Demand Response Programs

- Customer Battery Energy Storage System (BESS) Pilot Program
- EV Managed Charging Services Program
- Water Heating Thermal Energy Storage System (TESS) Program
- Time of Use (TOU) Program

- Objectives
 - Move Load from Peak Period to Solar PV Production Period
 - Prevent Excess Solar PV Production Events

GPA Customer BESS Battery Installation Incentive Program

- Customers will receive a purchase incentive of \$300/kWh for the installation of batteries with or without customers self-generation
- To qualify the customer must sign a four-year contract that allows GPA control over the discharge of the battery during peak hours of the day.
- The maximum rebate per customer/location is \$3,000.
- In addition, the customer will be provided \$18/year/kWh of installed batteries. (Rebate will be credited at \$1.50 per month)
- The program is limited to 1,000 participants or 30 MWh of BESS capacity under this program starting CY 2024 and will be closed once these limits are achieved.

GPA Customer BESS Program

Terms and Conditions

- All equipment is installed, connected, and meets all program requirements for participation on or after January 1, 2024.
- Battery must be charged by customer onsite solar system or from GPA's electric grid.
- Incentive capped at 30% of battery equipment costs.
- Customer owns premise where equipment is installed.
- Customer allows GPA to control and dispatch battery
- If customer has solar generation they must have a customer generation meter
- Customer must have constantly working and reliable Internet connection and GPA communications verification.
- If customer has a qualified battery already installed and wants to enroll in the program, the upfront enrollment incentive does not apply.
- Customer must repay prorated incentive for early termination.
- Customer agrees to provide GPA with 30 days advance notice of a sale of the home or business where the equipment is installed
- New owner may assume the agreement in writing.
- Customer monthly bill credit cannot exceed monthly energy usage charge on bill.
- Limited to the first 1,000 batteries with a maximum of 30-kilowatt capacity per battery in the first year (2024).

Information Technology / Operations Technology

DRAFT

44

207

IT/OT Ongoing Cyber Projects

- Ongoing
 - Multi-Factor Authentication
 - GPA-GWA IT/OT Consolidation
 - USB Port Disabling
 - Converting Substation Communications from local ISP to GPA Fiber

IT/OT Grant Efforts

- TBD
- Software Defined Networking (SDN)

Renewable Integration

DRAFT

47

210

Post-Phase IV and Hanwha Grid Issues

- High Probability for Excess Solar PV Production Events
- Load Shedding Due to Solar PV Dropouts
- Lower System Strength (Availability of Fault Current)
- Need for Quick Assessment of System Stability Issues and Action

Solar PV Max Power Output

Solar PV Source	Coupling Type	Max Power Output Into Grid (MW)		
		Net Solar PV + BESS	Net With BESS Inverter Tripped (No Auto-Curtail)	Net With BESS Inverter Tripped (Auto-Curtail)
Phase IV Projects	DC	30.00	30.00	30.00
	AC	136.80	273.60	136.80
Hanwha/174 Power Global	AC	30.00	41.00	30.00
SubTotal New Projects		196.80	344.60	196.80
Dandan		26.50	26.50	26.50
KMS		60.00	60.00	60.00
NEM (35 MW)		10.00	10.00	10.00
Total		293.30	441.10	293.30

Affect on Solar PV Output at Max Due to Island-Wide Cloud/Rain System

Solar PV Source	Max Power Output Into Grid (MW)	PV Power Remaining (MW)	PV Power Dropout (MW)
Phase IV Projects	30.00	3.00	27.00
	136.80	13.68	123.12
Hanwha/174 Power Global	30.00	3.00	27.00
Dandan	26.50	2.65	23.85
KMS	60.00	6.00	54.00
NEM (35 MW)	10.00	-	25.00
Total	293.30	28.33	279.97

Renewable Integration Projects

- Standalone BESS Bid
 - Synchronous Condenser Bid
 - Grid Controller Development
 - Demand Response Projects
 - Relay Protection Upgrade Project
-
- Modular Microgrid Controllers
 - Fault Location- Isolation – Restoration (FLISR)

Relay Protection Upgrade Project

- Relay equipment funded by KEPCO and Hanwha as part of System Impact Study Requirements
- GPA has obtained Relay Equipment and Funding from KEPCO. 53% of these relays have been installed.
- Hanwha to provide relay funding and equipment upon contract signing.
- Relay programming and installation performed using in-house labor (Engineering & T&D)

Medium Range Distribution Studies

DRAFT

53

Medium Range Distribution Studies Update

- TBD (SPORD)

Medium Range Distribution Studies Update

- TBD (Engineering)
- Engineering has been fixing distribution issues as Medium Range Studies are being completed

Distribution Automation

- GPA has been building a distribution automation capability
 - 19 Recloser Sites
 - TBD (SPORD & ENG)

Digital Transformation

DRAFT

57

220

Digital Transformation Projects

- Online Energy Sense Rebate Application
- Meter Provisioning & Exchange Process on MWFM
- E&TS Process Mapping (MWFM, Creating Strategic Fit, Succession Planning)
- Online Energy Audits
- Digitalization of Manual Reports
- NERC GADS
- StreetView
- Energy Accounting Metering System (Generation, Transmission, Distribution, Sales)
 - System Technical Losses and Unaccounted For Energy (UFE) Accounting

Guam Clean Energy Transition Pre-Conference

DRAFT

59

Guam Clean Energy Transition Pre-Conference

- When: April 8-9, 2024
- Where: Hyatt Regency Guam
- 33 Presentations
- National Labs Presenting
 - NREL
 - SNL
 - ANL
 - PNNL
- Deep Dive Workshops
 - @GPA
 - @Hyatt