



## **CONSOLIDATED COMMISSION ON UTILITIES**

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

### **GUAM POWER AUTHORITY (GPA) WORK SESSION**

CCU Conference Room, 3<sup>rd</sup> floor, Gloria B. Nelson Public Service Building  
8:30 a.m., Thursday, November 17, 2022

#### **AGENDA**

1. CALL TO ORDER
2. ISSUES FOR DECISION
  - 2.1 **GPA Resolution No. FY2023-03 / GWA Resolution No. 04-FY2023:**  
Relative to Establishing the Board Secretary Position [JOINT Resolution]
  - 2.2 **GPA Resolution No. FY2023-04:**  
Extension of the Ultra Low Sulfur Diesel (ULSD) Tank Lease Agreement with TriStar
  - 2.3 **GPA Resolution No. FY2023-05:**  
Request for Approval to Increase the FY2023 Fuel Budget
  - 2.4 **GPA Resolution No. FY2023-06:**  
Approval of the Levelized Energy Adjustment Clause (LEAC) for the 6-month period starting on February 1, 2023 through July 31, 2023.
3. GENERAL MANAGER'S REPORT
  - 3.1 Administration
  - 3.2 Engineering & Technical Services
  - 3.3 Financial
  - 3.4 Operations
  - 3.5 Other
4. OTHER DISCUSSIONS
  - 4.1 Legislation to Change Bid Protest Policy to Assist Ratepayers
5. ANNOUNCEMENTS
  - 5.1 Next meeting:  
Tuesday, November 29, 2022 at 5:30 p.m. – CCU Board regular monthly meeting
6. ADJOURNMENT



Gloria B. Nelson Public Service Building | 688 Route 15 | Mangilao, Guam 96913  
Tel: (671) 300-6846/7

### **Issues for Decision**

#### **Resolution No. FY2023-03 (GPA) and Resolution No. 04-FY2023 (GWA)**

Relative to Creation and Approval of Position Classification Specification for the Utility Board Secretary (Unclassified)

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

The Board Recording Secretary position was created in the late 1980s with the intent for incumbents to perform secretarial and office management duties and responsibilities. The skills required for the position were the ability to take verbal dictation using shorthand, type business letters, and receive and respond to visitors and complaints through the guidance of the Commission. These duties have evolved throughout the years increasing the scope of work to interpret and summarize Commission rules, proceedings and resolutions, ensuring legal and statutory requirements are met, especially with regard to public information and availability of utility operational and governance information across multiple media and technological platforms. The position also serves as the liaison between GWA & GPA Executive Management and the Commission.

While the original duties and responsibilities of the Board Recording Secretary remain intact, modern operation and governance of the Utilities and the technological requirements of the Commission have added complexity and scope to these duties and responsibilities. The current position has not been updated to reflect current duties and responsibilities, nor does it reflect the skill sets and standards required of the position. Most notably, technology and new laws have reshaped the way we conduct business today, requiring additional knowledge, skills, and abilities.

Thus, the creation of the Utility Board Secretary adequately updates the duties and functions of the position, specific to a Utility organization and its governance. The creation is necessary to effectively update and capture the enhanced utility-based job specifications required of the position.

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

While the board secretary positions exist within the government of Guam, the Utility Board Secretary position is being created specifically for GWA and GPA to reflect the update in the minimum qualifications and illustrative examples of work for the position, which is necessary to accomplish the strategic goals for both utilities.

**How much will it cost?**

Based on the compensation consulting firm of Alan Searle & Associates market research and on both GPA's and GWA's compensation models per respective industry, implementation ranges resulted as follows:

20 <sup>th</sup> Market Percentile (2017 Market Data – 5 Sub-Steps)											
Benchmark Position	Structural Adjustment- MIN						Structural Adjustment- MIN				
	JE Points	Base Salary	Hourly	Grade	Step	Sub-Step	Base Salary	Hourly	Grade	Step	Sub-Step
Utility Board Secretary	582	\$45,377.00	\$21.83	I	6	B	\$47,219.00	\$22.70	I	7	B

Note: 20th - 50th Raw Market Percentile (2017 Market Data) implementation range from \$48,719.00 to \$59,772.00.

\*Pursuant to §1409 of 12GCA Chapter 14 & §8112 of 12GCA Chapter 8, the Board may appoint a Secretary, whose duties and compensation shall be fixed by the board.

**When will it be completed?**

The petition shall be posted on the agency, department, or public corporation's website for ten (10) days (except Saturdays, Sundays, and government of Guam holidays). After the posting, the General Manager shall forward the petition along with evidence of his compliance with 4 GCA, Chapter 6, §6303.1(a), to the governing board or commission who, if they approve the same shall approve the petition by resolution and file the petition and resolution for records with the Director of Administration and the Legislative Secretary.

No new position may be filled until after compliance with the provision of this Section and thirty (30) days have elapsed from the date of filing with the Legislative Secretary.

**What is the funding source?**

The GWA and GPA are responsible for the funding availability for the above-referenced position and are in compliance with all applicable laws, rules, and regulations regarding the creation, filling, and retention of positions in certified, technical, and professional positions. The funding of this position shall be from the revenues of both GPA and GWA, and shall have no financial impact on the Government of Guam's General Fund.

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

N/A



**CONSOLIDATED COMMISSION ON UTILITIES**  
Guam Power Authority | Guam Waterworks Authority  
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**GPA RESOLUTION NO. FY2023-03**

**GWA RESOLUTION NO. 04-FY2021**

**RELATIVE TO THE CREATION AND APPROVAL OF POSITION CLASSIFICATION  
SPECIFICATION FOR THE UTILITY BOARD SECRETARY (UNCLASSIFIED)**

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

**WHEREAS**, under 12 G.C.A. § 8104, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual, personnel, and policy matters relative to the Guam Power Authority (“GPA”); and

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

**WHEREAS**, the Board Recording Secretary position was created in the unclassified service in the late 1980s, which at the time was under the purview of the Civil Service Commission (CSC) with intent to perform secretarial work involving the full-range of secretarial and office management duties for various departments and agencies with Boards.

**WHEREAS**, GWA and GPA continue to modernize operations by improving and engaging our ratepayers to enhance transparency and accountability of the Utilities and Commission. While the basic duties and responsibilities of the Board Recording Secretary’s role did not significantly change, the current position has not been updated to reflect current duties and responsibilities, nor does it reflect the skill sets and standards required of the position. Most notably, technology and new laws have reshaped the way we conduct business today, requiring additional knowledge, skills, and abilities.



**WHEREAS**, the Utility Board Secretary plays a vital role to interpret and summarize Commission rules, proceedings and resolutions, ensuring legal and statutory requirements are met. Additionally, this position also serves as liaison between GWA & GPA Executive Management and the Commission, requiring high degree of accuracy, confidentiality, discretion and judgment; Thus, the creation of the Utility Board Secretary is necessary to adequately updates the enhanced utility-based job specifications required of the position.

**WHEREAS**, the GWA and GPA General Managers request the CCU to approve the creation of the Utility Board Secretary in the Unclassified status; and

**WHEREAS**, the GWA and GPA General Managers request the CCU to approve the job specification standard for the Utility Board Secretary; and

**WHEREAS**, Public Law 34-131, Section 2, §6303 (d) and (2C) authorizes the creation of positions in Autonomous Agencies and Public Corporations; and

**WHEREAS**, GWA and GPA Personnel Rules and Regulations as amended by Public Law 28-159 Section 3 (C) authorizes the CCU to amend, modify or add a position to the list of certified, technical, and professional positions; and

**NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities, as the Governing Body of the Guam Waterworks Authority and the Guam Power Authority, does hereby approve and authorize the following:

1. The creation of the Utility Board Secretary in the unclassified service and addition of the position to the Certified, Technical, and Professional (CTP) list of positions.

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2. The adoption of the proposed minimum and maximum range of compensation, in accordance with the Strategic Pay Methodology as follows:

20 <sup>th</sup> Market Percentile (2017 Market Data – 5 Sub-Steps)											
Benchmark Position	Structural Adjustment- MIN						Structural Adjustment- MIN				
	JE Points	Base Salary	Hourly	Grade	Step	Sub-Step	Base Salary	Hourly	Grade	Step	Sub-Step
Utility Board Secretary	582	\$45,377.00	\$21.83	I	6	B	\$47,219.00	\$22.70	I	7	B

3. Upon successful recruitment of the approved position, both GWA and GPA shall equally compensate the individual hired.
4. The CCU authorizes the respective General Managers to remove existing Board Recording Secretary from its CTP list of positions.

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

**DULY AND REGULARLY ADOPTED**, this 29<sup>th</sup> day of November 2022.

Certified by:

Attested by:

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

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

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**SECRETARY'S CERTIFICATE**

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

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

AYES: \_\_\_\_\_

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

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

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

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## GUAM POWER AUTHORITY

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

### Issues for Decision

#### Resolution No. FY2023-04:

Relative to Authorizing the Management of Guam Power Authority for the extension of the Ultra-Low Sulfur Diesel ("ULSD") Storage Agreement with Tristar Terminal Guam, Inc ("TTGI").

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

The existing ULSD Storage Agreement under TTGI-SA-2018-01 is set to expire on December 31, 2022 for Tank 1906 and in June 30, 2023 for Tank 1907, respectively.

GPA has determined that the extension of the ULSD Storage Agreement thru June 30, 2024 will serve the best interest of the Authority and its ratepayers by ensuring uninterrupted supply of ULSD to the GPA plants thru the lease of the ULSD Storage tanks for the transport and receiving bulk fuel shipments into the GPA storage facilities.

#### Where is the location?

The TTG ULSD storage tanks are located at the TTGI Terminal in Agat.

#### How much will it cost?

The lease fee for each tank is approximately \$98,000.00 per month (excluding handling and throughput fees).

Tank 1906 lease cost for the extension period from January 1, 2023 thru June 30, 2024 is approximately \$1,666,000.00.

Tank 1907 lease cost for the extension period from January 1, 2023 thru June 30, 2024 is approximately \$1,176,000.00.

The aggregate total lease cost for both tanks is approximately \$2,842,000.00 (Exhibit A).

#### When will it be completed?

The contract extension will expire in June 30, 2024.

#### What is its funding source?

The ULSD Storage fees will be funded under the fuel revenue budget.

#### The RFP/BID responses:

TTGI is the sole source provider for the ULSD Storage Facility in Guam meeting GPA requirements.



**CONSOLIDATED COMMISSION ON UTILITIES**

Guam Power Authority | Guam Waterworks Authority  
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**RESOLUTION NO. FY2023-04**

**AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY  
TO EXTEND THE ULSD STORAGE LEASE AGREEMENT WITH TRISTAR  
TERMINALS GUAM, INC.**

**WHEREAS**, GPA currently lease tanks for Ultra-Low Sulfur Diesel Fuel (hereinafter referred to as "ULSD") storage from Tristar Terminals Guam, Inc (hereinafter referred to as "TTGI") under reference agreement TTGI-SA-2018-01; and

**WHEREAS**, the ULSD Storage Agreement for the lease of Tank 1906 will expire in December 31, 2022 and the lease of Tank 1907 will expire in June 30, 2023, respectively; and

**WHEREAS**, GPA and TTGI has negotiated for the extension of the lease of Tank 1906 and Tank 1907 to expire at the same time in June 30, 2024; and

**WHEREAS**, the lease fee for each tank is approximately \$98,000.00 per month (excluding handling and throughput fees). Tank 1906 lease cost for the extension period from January 1, 2023 thru June 30, 2024 is approximately \$1,666,000.00. Tank 1907 lease cost for the extension period from July 1, 2023 thru June 30, 2024 is approximately \$1,176,000.00. The aggregate total lease cost for both tanks is approximately \$2,842,000.00 (Exhibit A); and

**WHEREAS**, GPA is seeking the approval of the CCU for the extension of the lease of the ULSD storage tanks to expire in June 30, 2024.

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

1. GPA's request to extend the lease of the ULSD storage tanks to ensure adequacy of supply to the power plants is reasonable and prudent.

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2. GPA is authorized to enter into an agreement with Tristar Terminals Guam, Inc. for the extension of the lease of the ULSD storage tanks thru June 30, 2024.
3. The General Manager of the Guam Power Authority is hereby authorized an increase in obligating authority to the annual value of the contract and execute such agreements and documents necessary for a contract with **TRISTAR TERMINALS GUAM, INC.**

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

**DULY AND REGULARLY ADOPTED**, this 29<sup>th</sup> day of November 2022.

Certified by:

Attested by:

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

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

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

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

AYES: \_\_\_\_\_

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

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

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

**EXHIBIT A: ULSD Storage Agreement (TTGI-SA-2018-01)****TRISTAR AGREEMENTS - Fee Comparison**

ULSD Tanks	Storage capacity (bbls)	Storage Fees				Variance	Remarks
		Base year		Extension year			
		Monthly Fee	Annual Fee	Monthly Fee	Annual Fee		
Tk1906	196,000	\$98,000	\$1,176,000	\$98,000	\$1,176,000	\$0	Fee for the base year based on a consecutive 3-year contract. No fee changes for the extension years
Tk1907	196,000	\$147,000	\$1,764,000	\$98,000	\$1,176,000	(\$588,000)	Fee for the base year based on a short contract period of 1-year to recover the tank refurbishment cost (lower fees is equally distributed thru a minimum of 3-year contract). Fee reduced for the extension years.

**Estimated Expenses for the Extension years**

Storage Fees	Extension Period	No. of months	Monthly Fee	Total Cost
Tk1906	01/01/2023-06/30/2024	17	\$98,000	\$1,666,000
Tk1907	07/01/2023-06/30/2024	12	\$98,000	\$1,176,000
<b>Total thru June 30, 2024</b>				<b>\$2,842,000</b>



TTGI/ACCT/OUT/OCT/2022/013

October 18, 2022

John Benavente  
General Manager  
Guam Power Authority (GPA)  
PO Box 2977  
Hagatna, Guam 96932-2977

Through,  
Mr. Albert Florencio, SPORD Department

**RE: Proposal and Offer Terms for ULSD Storage for Tanks 1906 & 1907 the period 2022-2024**

Dear Mr. Benavente,

We refer to our meeting with the GPA SPORD on the contract renewal of the subject tanks that expire on 31<sup>st</sup> December 2022 and 30<sup>th</sup> June 2023, respectively. Subsequent to our meeting, Tristar Terminals Guam, Inc (TTGI) is pleased to offer the following as our terms and fees for the renewal of the ULSD Storage and Pipeline Agreement for the period from expiry to 30<sup>th</sup> June 2024.

Storage Agreement# TTGI-SA-2018-01

Tank#	Period	Monthly Fee	Annual Fee
1906	January 2023 - June 2024	\$98,000.00	\$1,176,000.00
1907	July 2023 - June 2024	\$98,000.00	\$1,176,000.00

Enclosed is the draft contract amendment reflecting the fees above and extending the validity of the existing contract for GPA's review.

Should you need further clarification regarding this letter please feel free to me at 565-2333. Sincerely yours,

  
for KK Vikraman  
General Manager

Encl:

1) Draft Contract Amendment - AMENDED NO. 3 & Addendum to Contract TTGI-SA-2018-01

Mailing Address: P.O. Box 8210, Agat Guam 96928  
Physical Address: Agat Terminal, Route 2A, Santa Rita Industrial Drive, Agat, Guam 96915  
Tel. +1 671.565.2300 Fax +1 671.565.3909; Tristar Terminals Guam, Inc. [www.tristar-group.co/www.agility.com](http://www.tristar-group.co/www.agility.com)





**AMENDED NO. 3 & ADDENDUM TO CONTRACT TTGI-SA-2018-01  
STORAGE AGREEMENT**

This addendum to the Storage Agreement is made by and between **TRISTAR TERMINALS GUAM, INC.**, a Guam corporation whose address is P.O. Box 8210, Agat, Guam 96918, and **GUAM POWER AUTHORITY**, a public corporation of Guam, whose address is P.O. Box 2977, Hagatna, Guam 96932.

**WHEREAS**, a Storage Agreement with the reference “TTGI-SA-2018-01” between the parties dated 1<sup>st</sup> January, 2018 and consequently amended in September 2021, and the parties want to make the following addendums to the said Agreement applicable from 1<sup>st</sup> January, 2023 onwards.

**NOW, THEREFORE**, the parties agree:

**E. CONSIDERATION**

**E.1 Fee:**

e) Storage Rate for Tank 1906 and 1907 shall be as follows

Tank#	Period	Monthly Fee	Annual Fee
1906	January 2023 - June 2024	\$98,000.00	\$1,176,000.00
1907	July 2023 - June 2024	\$98,000.00	\$1,176,000.00

**H. TERM OF THE AGREEMENT**

**H.1 Term:**

The said Agreement is extended upon expiration of the original term and the term of the extended agreement shall end on June 30<sup>th</sup>, 2024.

Except as stated herein all other terms and condition of the Storage Agreement and Amendments thereto shall remain in effect.

**TRISTAR TERMINALS GUAM, INC.**

**GUAM POWER AUTHORITY**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Mailing Address: P.O. Box 8210, Agat Guam 96928

Physical Address: Agat Terminal, Route 2A, Santa Rita Industrial Drive, Agat, Guam 96915

Tel. +1 671.565.2300 Fax +1 671.565.3909; Tristar Terminals Guam, Inc. [www.tristar-group.co/www.agility.com](http://www.tristar-group.co/www.agility.com)

## EXHIBIT A

## TRISTAR AGREEMENTS - Fee Comparison

ULSD Tanks	Storage capacity (bbls)	Storage Fees				Variance	Remarks
		Base year		Extension year			
		Monthly Fee	Annual Fee	Monthly Fee	Annual Fee		
Tk1906	196,000	\$98,000	\$1,176,000	\$98,000	\$1,176,000	\$0	Fee for the base year based on a consecutive 3-year contract. No fee changes for the extension years
Tk1907	196,000	\$147,000	\$1,764,000	\$98,000	\$1,176,000	(\$588,000)	Fee for the base year based on a short contract period of 1-year to recover the tank refurbishment cost (lower fees is equally distributed thru a minimum of 3-year contract). Fee reduced for the extension years.

## Estimated Expenses for the Extension years

Storage Fees	Extension Period	No. of months	Monthly Fee	Total Cost
Tk1906	01/01/2023-06/30/2024	17	\$98,000	\$1,666,000
Tk1907	07/01/2023-06/30/2024	12	\$98,000	\$1,176,000
<b>Total thru June 30, 2024</b>				<b>\$2,842,000</b>



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

## **Issues for Decision**

### **Resolution No. FY2023-05:**

#### **RELATIVE TO INCREASE THE FY'2023 0.2% LOW SULFUR RESIDUAL FUEL OIL (LSRFO) AND ULTRA-LOW SULFUR DIESEL (ULSD) BUDGET**

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

The increase in the FY 2023 budget for the 0.2% LSRFO and ULSD budget is necessary to provide sufficient funding for the fuel expenditures for the uninterrupted supply of fuel for the Baseload plants and Peaking Units.

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

The 0.2% LSRFO and ULSD will be supplied to the Baseload plants and Peaking units.

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

The estimated additional budget requirement is estimated at approximately **\$293,298,947**.

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

The FY 2023 increased budget for the 0.2% LSRFO and the ULSD will cover the fuel expenditures thru September 30, 2023.

##### **What is its funding source?**

Fuel revenue funds

##### **The RFP/BID responses:**

N/A.



**CONSOLIDATED COMMISSION ON UTILITIES**

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**RESOLUTION NO. FY2023-05**

**AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY  
TO INCREASE THE FY'2023 0.2% LOW SULFUR RESIDUAL FUEL OIL (LSRFO)  
AND ULTRA-LOW SULFUR DIESEL (ULSD) BUDGET**

**WHEREAS**, the approved Revenue Budget for FY 2023 is \$399,444,000 with the adoption of Resolution FY2021-23. The approved budget is comprised of the following: \$160,800,000 for Non-Fuel Revenue; \$2,212,000 for Miscellaneous Revenues; \$236,432,000 for the Fuel Revenue; and

**WHEREAS**, out of the \$236,432,000 fuel revenue and expenditure forecast, \$139,685,636 is allocated to the 0.2% LSRFO supply budget, and \$52,654,192 is allocated to the ULSD supply budget; and

**WHEREAS**, the fuel commodity price increased due to the impact of the Russia/Ukraine conflict and the average price is projected at approximately \$139.469 per barrel for both the 0.2% LSRFO and the ULSD. The estimated shortfall for the LSRFO supply budget is anticipated at approximately \$55,365,927 and \$237,933,020 for the ULSD supply budget, for an aggregate total fuel revenue budget shortfall of \$293,298,947 (Exhibit A); and

**WHEREAS**, GPA seeks authorization to increase the Authority's FY 2023 Revenue budget by \$293,298,947 to provide sufficient funding for the fuel expenditures.

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

1. The approved GPA Revenue budget for FY 2023 **shall be increased to a total of \$648,650,775** with the following breakdown: \$160,800,000 for Non-Fuel Revenue; \$2,212,000 for Miscellaneous Revenues; \$485,638,775 for the Fuel Revenue.

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

**DULY AND REGULARLY ADOPTED**, this 29<sup>th</sup> day of November 2022.

Certified by:

Attested by:

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

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

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

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

AYES: \_\_\_\_\_

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

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

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

**EXHIBIT A:**

FY2023 FUEL REVENUE BUDGET	Original Proposal					Approved 8/24/2022		Variance	
	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Unit Cost (\$/bbl)	\$	Unit Cost (\$/bbl)	\$
(A) RESIDUAL FUEL OIL # 6 (0.2% LSRFO)	1,488,150	\$86.994	\$27.331	\$114.325	\$ 170,132,405	\$93.865	\$ 139,685,636	(\$20.459)	(\$30,446,769)
(B) DIESEL FUEL OIL NO.2 (ULSD)	1,712,692	\$86.994	\$9.260	\$96.254	\$ 164,852,787	\$30.744	\$ 52,654,192	(\$65.510)	(\$112,198,595)
(C) RENEWABLES					\$ 12,216,104		\$ 22,940,086		\$10,723,982
(D) ENGINE CYLINDER OIL (for MEC 8&9)					\$ 3,803,026		\$ 3,169,188		(\$633,838)
(E) UREA (FOR AGGREKO)					\$ 1,220,503		\$ 1,017,086		(\$203,417)
(F) FUEL HANDLING SERVICES					\$ 15,283,468		\$ 13,965,812		(\$1,317,656)
(G) DSM REBATE PROGRAM					\$ 3,000,000		\$ 3,000,000		\$0
<b>FY2023 FUEL REVENUE BUDGET</b>	<b>3,200,842</b>				<b>\$ 370,508,293</b>		<b>\$ 236,432,000</b>		<b>(\$134,076,293)</b>

**Revised Fuel Revenue Forecast:**

RESIDUAL FUEL OIL NO.6 (0.2% LSRFO)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Remarks
Approved Budget	1,488,150	\$66.535	\$27.331	\$93.865	\$ 139,685,636	
Revised Requirement*	1,109,551	\$139.469	\$36.324	\$175.793	\$ 195,051,563	MOPS increased due to Russia/Ukraine Conflict
RFO Budget Shortfall:					<b>\$ (55,365,927)</b>	

DIESEL FUEL OIL NO.2 (ULSD)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Remarks
Approved Budget	1,712,692	\$21.484	\$9.260	\$30.744	\$ 52,654,192	
Revised Requirement*	1,979,922	\$139.469	\$7.298	\$146.767	\$ 290,587,212	MOPS increased due to Russia/Ukraine Conflict
ULSD Budget Shortfall:					<b>\$ (237,933,020)</b>	

\*Updated LEAC-23 &amp; MOPS

**TOTAL (RFO & ULSD) Budget Shortfall: (\$293,298,947)****FY 2023 FUEL REVENUE BUDGET REVISION:**

FUEL REVENUE BUDGET	Approved Budget (10/03/22)	Amendment Request	Adjusted Budget
(A) RESIDUAL FUEL OIL # 6 (0.2% LSRFO)	\$ 139,685,636	\$ 55,365,927	\$ 195,051,563
(B) DIESEL FUEL OIL NO.2 (ULSD)	\$ 52,654,192	\$ 237,933,020	\$ 290,587,212
(C) RENEWABLES	\$ 22,940,086	\$ -	\$ 22,940,086
(D) ENGINE CYLINDER OIL (for MEC 8&9)	\$ 3,169,188	\$ -	\$ 3,169,188
(E) UREA (FOR AGGREKO)	\$ 1,017,086	\$ -	\$ 1,017,086
(F) FUEL HANDLING SERVICES	\$ 13,965,812	\$ -	\$ 13,965,812
(G) DSM REBATE PROGRAM	\$ 3,000,000	\$ -	\$ 3,000,000
<b>FUEL REVENUE BUDGET</b>	<b>\$ 236,432,000</b>	<b>\$ 293,298,947</b>	<b>\$ 485,638,775</b>

Non-Fuel Revenue	\$ 160,800,000	\$ -	\$ 160,800,000
Miscellaneous Revenue	\$ 2,212,000	\$ -	\$ 2,212,000
<b>TOTAL GPA Revenue Budget</b>	<b>\$ 399,444,000</b>	<b>\$ 293,298,947</b>	<b>\$ 648,650,775</b>



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

**GPA RESOLUTION 2021-23**

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

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

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

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

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

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

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

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

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

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

40

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

43

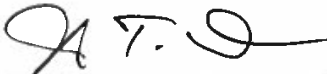
44

45 **DULY and REGULARY ADOPTED AND APPROVED THIS this 24<sup>th</sup> DAY of AUGUST**  
 46 **2021**

47

48

Certified by:



JOSEPH T. DUENAS  
 Chairman  
 Consolidated Commission on Utilities

Attested by:



MICHAEL LIMTIACO  
 Secretary  
 Consolidated Commission on Utilities

49

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

52

53

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

57

58

59

60

61

62

63

64

Ayes: 5  
 Nays: 0  
 Absent: 0  
 Abstain: 0





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

**Exhibit A**

**Proforma Income Statements**

(in '000)

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

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

86			
87	<b><u>Cashflow Statement</u></b>		
88	Net Income	\$ (1,783)	\$ (2,990)
89	Depreciation & amortization	39,780	41,389
90	(Unrecovered)/recovered fuel cost	10,000	
91	CIP's-Internally Funded	(32,203)	(22,122)
92	Principal Payment (Aggreko Lease Payment)	-	-
93	Principal Payment (2012 Revenue Bond)	(20,715)	(18,215)
94	Principal Payment (2014 Revenue Bond)	(1,675)	(1,755)
95	Principal Payment (2017 Refunding Bond)	(315)	(4,050)
96	Principal Payment (IPP)	-	-
97	MEC Recapitalization	(3,764)	(3,764)
98	Cash Carry Over-Surplus/(Deficit)	(10,676)	(11,507)
99	Beginning Balance	56,556	45,880
100	Ending Balance	45,880	34,373

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

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

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

<b>Total Contract</b>	<b>\$ 15,671,816</b>	<b>\$ 16,418,271</b>
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<b>Aggreko Units</b>	<b>3,157,000</b>	<b>3,314,850</b>
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**Operating Supplies**

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

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

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

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



REVISED 10/3/22	
GUAM POWER AUTHORITY (GPA)	FY23 Adjusted BUDGET
<b>FY2023 APPROVED FUEL BUDGET</b>	
(A) RESIDUAL FUEL OIL # 6 (RFO) / (Acct # 1000.151000.10) 1. RFO Supply (Imports) <u>Quantity (bbls)</u>	
<b>TOTAL RFO PURCHASED</b>	<b>\$139,685,636</b>
(B) DIESEL FUEL OIL NO.2 (DFO) / (Acct # 1000.151000.20)	<b>\$52,654,192</b>
FUAL HANDLING SERVICES: (C) RENEWABLES / (Acct # 306000.501000.87)	<b>\$22,940,086</b>
(D) UREA (FOR AGGREKO) / (Acct # 58410.501000.83)	<b>\$1,017,086</b>
(E) ENGINE CYLINDER OIL (MEC) / (Acct # 55810.501000.83)	<b>\$3,169,188</b>
(F) OTHER FUEL HANDLING SVC / (Acct # 54900.501000.83)	
1 Ship Demurrage Cost	<b>\$212,147</b>
2 Fuel Farm Mgmt, Operations & Maint - Fixed Mgmt Fees	<b>\$1,497,302</b>
3 Petroleum Inspection, Testing & Facility Calibration	<b>\$1,058,692</b>
4 Dock Usage fee (Dock Use Agreement)	<b>\$1,881,347</b>
5 Pipeline Agreement	<b>\$568,238</b>
6 Storage Agreement (RFO)	<b>\$3,604,730</b>
7 Storage Agreement (Diesel)	<b>\$3,120,000</b>
8 Vacuum Truck Rental	<b>\$129,414</b>
9 Bank Charges for RFO L/C Processing Fee	<b>\$599,671</b>
10 Clean Petro-Tanker Hauling Services	<b>\$65,733</b>
11 Labor and Others	
a. Labor	<b>\$198,538</b>
b. Other Fuel-related Expenses	
Subscriptions and Technical Books	<b>\$200,000</b>
Trainings & Seminars	<b>\$30,000</b>
13 MEC HSFO Storage Tank Cleaning, waste oil handling	<b>\$800,000</b>
14 DSM Rebates	<b>\$3,000,000</b>
<b>Handling Services</b>	<b><u>\$44,092,172</u></b>
<b>Total Fuel Budget</b>	<b>\$236,432,000</b>

## SUMMARY

FY2023 FUEL REVENUE BUDGET	Original Proposal					Approved 8/24/2022		Variance	
	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Unit Cost (\$/bbl)	\$	Unit Cost (\$/bbl)	\$
(A) RESIDUAL FUEL OIL # 6 (0.2% LSRFO)	1,488,150	\$86.994	\$27.331	\$114.325	\$ 170,132,405	\$93.865	\$ 139,685,636	(\$20.459)	(\$30,446,769)
(B) DIESEL FUEL OIL NO.2 (ULSD)	1,712,692	\$86.994	\$9.260	\$96.254	\$ 164,852,787	\$30.744	\$ 52,654,192	(\$65.510)	(\$112,198,595)
(C) RENEWABLES					\$ 12,216,104		\$ 22,940,086		\$10,723,982
(D) ENGINE CYLINDER OIL (for MEC 8&9)					\$ 3,803,026		\$ 3,169,188		(\$633,838)
(E) UREA (FOR AGGREKO)					\$ 1,220,503		\$ 1,017,086		(\$203,417)
(F) FUEL HANDLING SERVICES					\$ 15,283,468		\$ 13,965,812		(\$1,317,656)
(G) DSM REBATE PROGRAM					\$ 3,000,000		\$ 3,000,000		\$0
<b>FY2023 FUEL REVENUE BUDGET</b>	<b>3,200,842</b>				<b>\$ 370,508,293</b>		<b>\$ 236,432,000</b>		<b>(\$134,076,293)</b>

## Revised Fuel Revenue Forecast:

RESIDUAL FUEL OIL NO.6 (0.2% LSRFO)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Remarks
Approved Budget	1,488,150	\$66.535	\$27.331	\$93.865	\$ 139,685,636	
Revised Requirement*	1,109,551	\$139.469	\$36.324	\$175.793	\$ 195,051,563	MOPS increased due to Russia/Ukraine Conflict
RFO Budget Shortfall:					<b>\$ (55,365,927)</b>	

DIESEL FUEL OIL NO.2 (ULSD)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Remarks
Approved Budget	1,712,692	\$21.484	\$9.260	\$30.744	\$ 52,654,192	
Revised Requirement*	1,979,922	\$139.469	\$7.298	\$146.767	\$ 290,587,212	MOPS increased due to Russia/Ukraine Conflict
ULSD Budget Shortfall:					<b>\$ (237,933,020)</b>	

\*Updated LEAC-23 &amp; MOPS

TOTAL (RFO & ULSD) Budget Shortfall: **(\$293,298,947)**

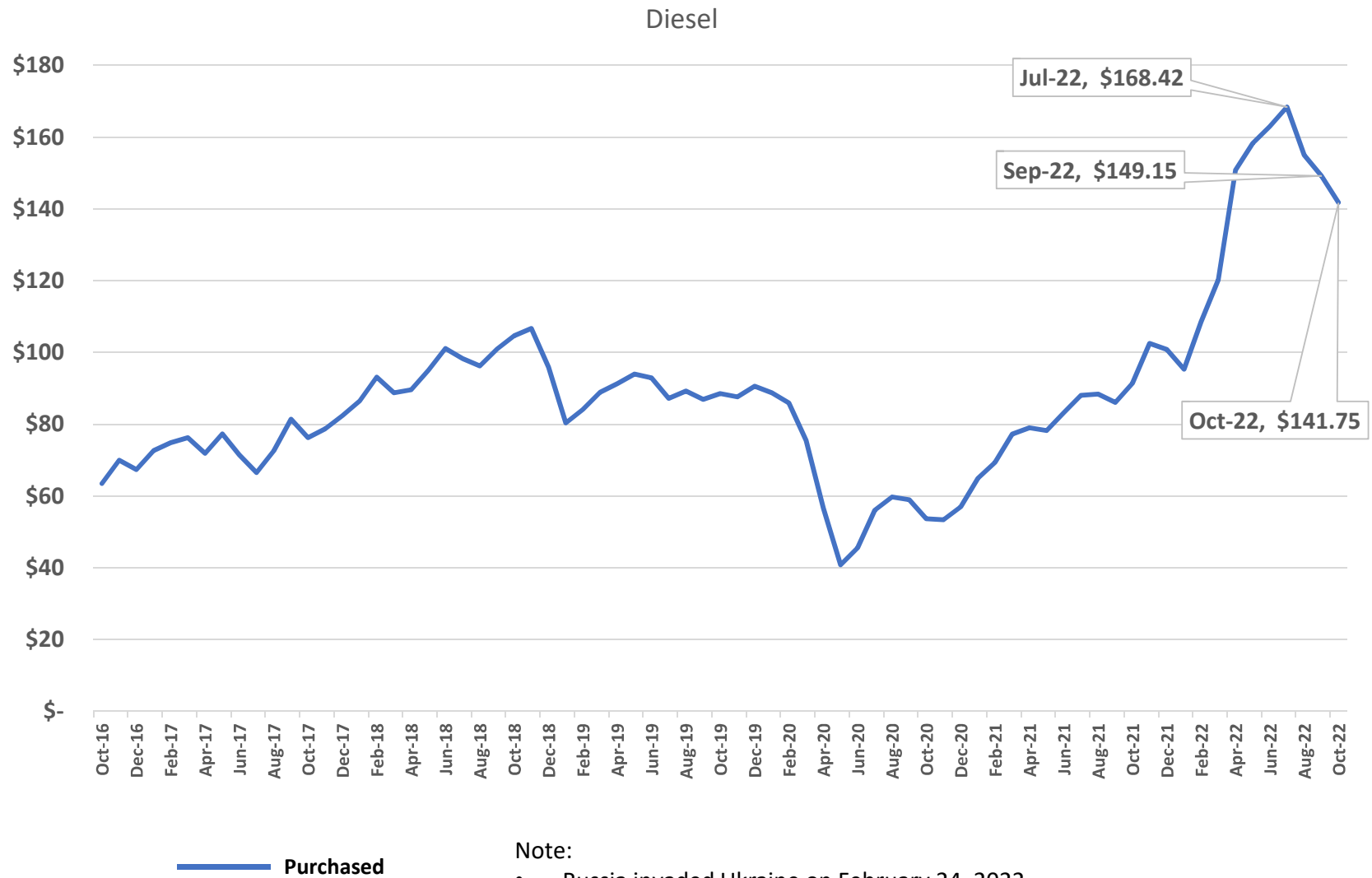
## FY 2023 FUEL REVENUE BUDGET REVISION:

FUEL REVENUE BUDGET	Approved Budget (10/03/22)	Amendment Request	Adjusted Budget
(A) RESIDUAL FUEL OIL # 6 (0.2% LSRFO)	\$ 139,685,636	\$ 55,365,927	\$ 195,051,563
(B) DIESEL FUEL OIL NO.2 (ULSD)	\$ 52,654,192	\$ 237,933,020	\$ 290,587,212
(C) RENEWABLES	\$ 22,940,086	\$ -	\$ 22,940,086
(D) ENGINE CYLINDER OIL (for MEC 8&9)	\$ 3,169,188	\$ -	\$ 3,169,188
(E) UREA (FOR AGGREKO)	\$ 1,017,086	\$ -	\$ 1,017,086
(F) FUEL HANDLING SERVICES	\$ 13,965,812	\$ -	\$ 13,965,812
(G) DSM REBATE PROGRAM	\$ 3,000,000	\$ -	\$ 3,000,000
<b>FUEL REVENUE BUDGET</b>	<b>\$ 236,432,000</b>	<b>\$ 293,298,947</b>	<b>\$ 485,638,775</b>

Non-Fuel Revenue	\$ 160,800,000	\$ -	\$ 160,800,000
Miscellaneous Revenue	\$ 2,212,000	\$ -	\$ 2,212,000
<b>TOTAL GPA Revenue Budget</b>	<b>\$ 399,444,000</b>	<b>\$ 293,298,947</b>	<b>\$ 648,650,775</b>

# LEAC Update - GPA Diesel Purchases (Per Barrel)

1



## LEAC Update - Morgan Noon Call Pricing

2

Date	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
<b>Gassoil 10ppm</b>									
11/7/2022	135.39	130.59	127.49	124.39	124.39	116.70	116.70	116.70	112.42
11/8/2022	134.50	129.80	126.75	123.85	123.87	116.42	116.42	116.42	112.13
11/9/2022	132.39	127.79	124.59	121.59	121.59	113.87	113.87	113.87	109.57
11/10/2022	129.73	125.13	121.78	118.53	118.55	110.43	110.43	110.43	106.17
11/11/2022	131.35	125.25	121.83	118.59	118.61	111.23	111.23	111.23	106.90
Five-day average	\$ 132.67	\$ 127.71	\$ 124.49	\$ 121.39	\$ 121.40	\$ 113.73	\$ 113.73	\$ 113.73	\$ 109.44



## LEAC Update - Change in Power Generation Required by Consent Decree 3



### Piti 8

- Conversion completed and started using ULSD on July 19, 2022.

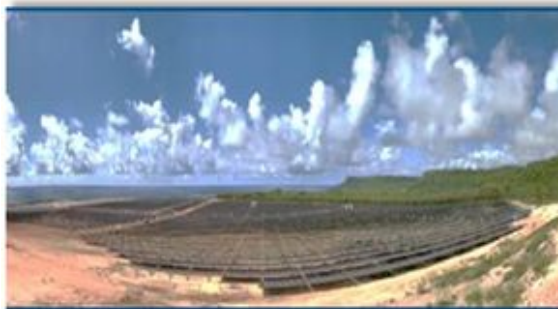
### Piti 9

- Conversion to ULSD from July 15<sup>th</sup> Thru Sept 1st
- Return to service in September 2022 on ULSD



### Cabras 1 & 2

- HSRFO (2.0%) - Deliveries stopped April 2022
- LSRFO (1.19%) - Last delivery was on June 2022
- Begin using 0.2% ULSRFO in November 2022.

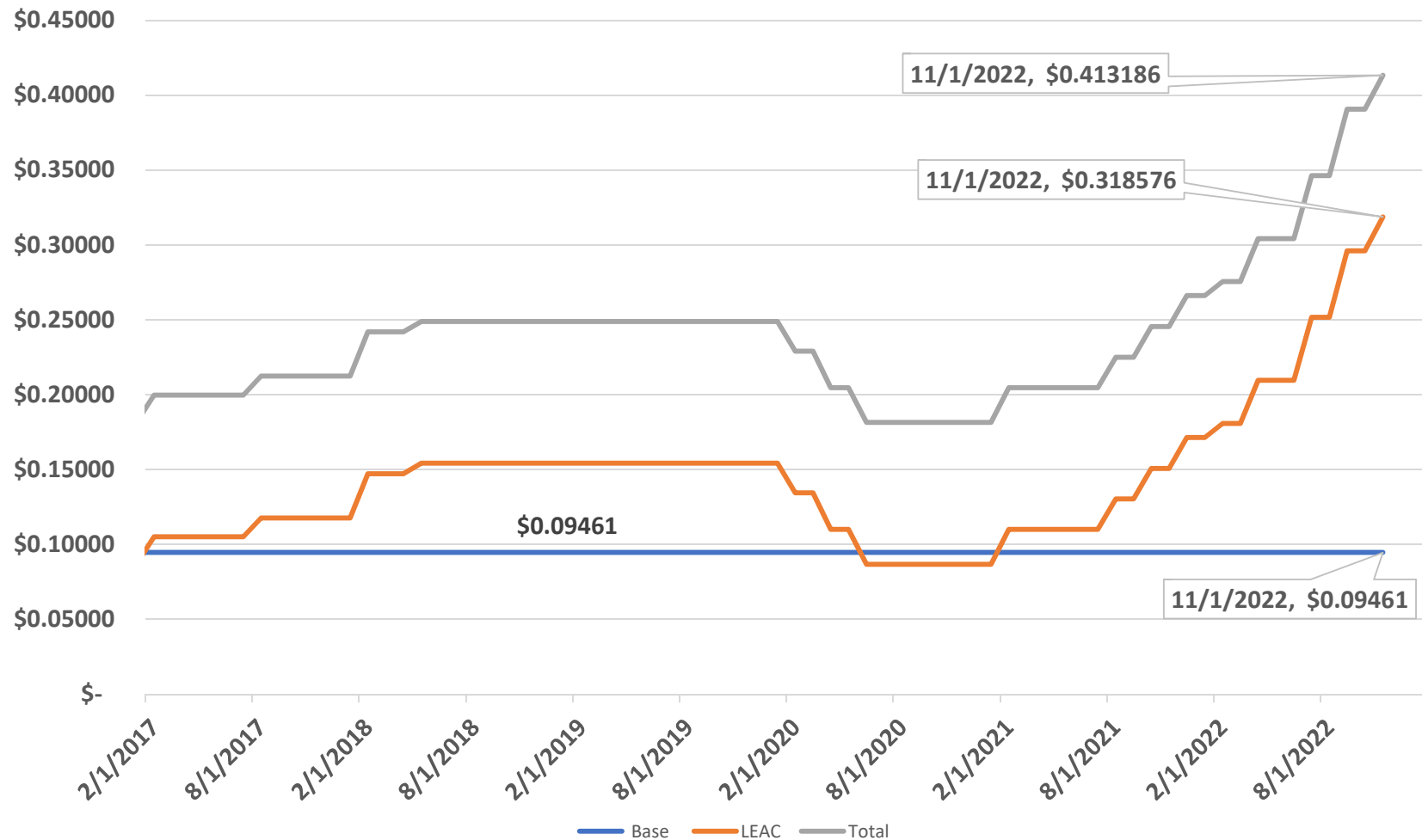


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- Fully operational on June 18, 2022.
- \$0.085/kWh energy, 141,000,000 kWh annually
- Equivalent to \$52/Bbl. oil price
- Produce equivalent annual energy for 14,000 Average Residential Customers

# LEAC Update - Historical Residential LEAC Rate

4



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

5

LEAC Period		Approved LEAC		Actual Over	
From	To	Rate		(Under) Recovery	
2/1/2015	7/31/2015	\$ 0.102054	\$	1,757,878	
8/1/2015	1/31/2016	\$ 0.104871	\$	(2,467,151)	
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			\$	(5,315,360)	(a)
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7/1/2022	8/31/2022	\$ 0.251638	\$	(17,101,089)	
9/1/2022	10/31/2022	\$ 0.296043	\$	(41,515,395)	Estimated
11/1/2022	1/31/2023	\$ 0.318576	\$	(35,045,445)	Estimated



## Notes:

(a) Under-recovery balance after applying \$4.6 million from Cabras 3 &amp; 4 Extra Expense claim.

(b) Under-recovery balance after applying \$10 million from Self-Insurance Fund and \$15 million from GovGuam.



# LEAC Update - Rate

6

	NOV 22 - JUL 23
	<b>\$0.318576</b>
	Jan 23 - Jul 23
Average Price per Bbl-RFO & ULSFO 0.20%	\$ 159.21
Average Price per Bbl-Diesel	\$ 120.20
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Renewable (Solar)	\$ 10,453
TOTAL COST	\$ 207,040
Handling Costs	\$ 9,105
Total Current Fuel Expense	\$ 216,145
Civilian Allocation	79.707%
LEAC Current Fuel Expense	\$ 172,283
Estimated DSM for this period	\$ 1,500
Deferred Fuel Expense at the beginning of the period	\$ 41,515
Total LEAC Expense	\$ 215,298
Less: Trans. Level Costs	\$ (11,310)
Distribution Level Costs	\$ 203,988
Over recovery/(Under) at the end of the period	<b>\$ (8,322)</b>
Adjusted Distribution Level Costs	\$ 195,665
Distribution Level Sales (mWh)	593,879
LEAC Factor Distribution	<b>\$0.318576</b>
Current LEAC Factor Distribution	\$ 0.296043
Increase/(Decrease)	0.022533
Monthly Increase/(Decrease) - 1000 kWh	<b>\$ 22.53</b>
% Increase/(Decrease) in LEAC	7.61%
% Increase/(Decrease) in Total Bill	5.73%
Discount (3%) - Primary 13.8 KV	\$ 0.309031
Discount (4%) - 34.5 KV	\$ 0.308141
Discount (5%) - 115 KV	\$ 0.304348





# LEAC Update - Sample residential bill

7

	RATE SCHEDULE R			
	Existing Rate Eff 11-01-22		Proposed Eff 02-01-23	
KWH		1,000		1,000
Monthly Charge	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00
Non-Fuel Energy Charge				
First 500 KWH	0.069550	34.78	0.069550	34.78
Over 500 KWH	0.086870	43.44	0.086870	43.44
Emergency Water-well charge	0.002790	1.40	0.002790	1.40
Self-Insurance Charge	0.002900	2.90	0.002900	2.90
Total Electric Charge before Fuel Recovery Charges		97.52		97.52
Fuel Recovery Charge	<b>0.318576</b>	318.58	<b>0.318576</b>	318.58
Total Electric Charge		<u>\$ 416.10</u>		<u>\$ 416.10</u>
Increase/(Decrease) in Total Bill				\$ -
% Increase/(Decrease) in Total Bill				<b>0.00%</b>
% Increase/(Decrease) in LEAC rate				<b>0.00%</b>





**CONSOLIDATED COMMISSION ON UTILITIES**

Guam Power Authority | Guam Waterworks Authority

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

**RESOLUTION NO.: 2023 - 06**

**AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO  
PETITION THE GUAM PUBLIC UTILITIES COMMISSION TO MAINTAIN THE  
LEVELIZED ENERGY ADJUSTMENT CLAUSE FOR THE PERIOD FROM  
FEBRUARY 1, 2023 TO JULY 31, 2023**

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

**WHEREAS**, the deadline for the next filing is December 15, 2022; and

**WHEREAS**, on June 16, 2022, GPA has requested expedited relief to set a new LEAC effective July 1, 2022 to mitigate the growing under-recovery balance and filed phased-in increases for the LEAC Factor as follows: \$0.240413/kWh for meters read on or after July 1, 2022; \$0.270185/kWh for meters read on or after September 1, 2022; and \$0.296275/kWh for meters read on or after November 1, 2022 as the projected price of the combined fuels increased about \$25.16/bbl bringing the average projected cost for both types of fuel to \$142.04/bbl as compared to \$116.88/bbl in the original filing; and; and

**WHEREAS**, the phased-in LEAC factor increases requested by GPA was approved by the Guam Public Utility Commission (PUC) on June 16, 2022 as follows: \$0.251638/kWh for meters read on or after of July 1, 2022; and \$0.296043/kWh for meters read on or after September 1, 2022. The PUC determined that it will consider whether there is a need to increase the LEAC Factor further for the period of November 2022 at its October 27, 2022 as the increases would be too great of a financial impact given the economic conditions; and

1  
2  
3       **WHEREAS**, on October 27, 2022 the PUC approved the secondary LEAC Factor of  
4 \$0.318576/kWh for meters read on or after November 1, 2022 for maintaining the LEAC Factor  
5 of \$0.296043/kWh until the end of January 2023 would amount to the LEAC under-recovery of  
6 \$41 million; and  
7

8       **WHEREAS**, in June 2022, the GPA phased-in increases for the LEAC from the periods  
9 of July 1, 2022 through January 31, 2023, as ordered by the Public Utilities Commission, included  
10 the embedded rate of \$0.003109/kWh for the Demand Side Management (DSM) Program;  
11 establishing the funding source for the DSM Program that would provide roughly \$1.75M for a  
12 seven-month period. Total revenues collected for the DSM Program between the six-month period  
13 of May through October 2022 is \$1.94 million, or an average of \$324 thousand per month; and  
14

15       **WHEREAS**, the average market price of residual fuel oil and diesel used in this filing for  
16 this the current period was approved at \$142.04/bbl for the (6) six-month period ending January  
17 31, 2023. The projected average price of residual fuel oil and diesel for the period ending July 31,  
18 2023 is expected to be \$135.16/bbl; and  
19

20       **WHEREAS**, the most recent Morgan Stanley market projections indicate declining fuel  
21 prices and projected under-recovery for the period ending July 31, 2023 at the current LEAC rate  
22 of \$0.318576/kWh is \$8.3 million; and  
23

24       **WHEREAS**, GPA proposes to maintain the fuel cost at \$0.318576/kWh for the periods of  
25 February 1, 2023 through July 31, 2023; and  
26

27       **WHEREAS**, an estimated \$1.5 million is included for costs associated with the Demand  
28 Side Management rebate program for the anticipated LEAC period; and  
29

30       **WHEREAS**, GPA now is requesting the Consolidated Commission on Utilities to  
31 authorize the Authority to file such petition with the Guam Public Utilities Commission; and  
32  
33  
34

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

The General Manager of the Guam Power Authority is authorized to petition the Guam Public Utilities Commission to maintain the secondary voltage LEAC rate of \$0.318576/kWh effective for the period from February 1, 2023 to July 31, 2023. (LEAC factors for alternative voltage levels are as reflected in the attached spreadsheets in the attached Exhibit A.)

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

**DULY AND REGULARLY ADOPTED**, this \_\_\_\_\_ day of \_\_\_\_\_ 2022.

Certified by:

Attested by:

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

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

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

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

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

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

Abstentions: \_\_\_\_\_

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

# **GPA WORK SESSION**

**Presentation To:  
Consolidated Commission on Utilities  
November 17, 2022**



# ISSUES FOR DECISION



# GPA RESOLUTION NO. FY2023-03/ GWA RESOLUTION NO. 04-FY2023

3

## Relative to Creation and Approval of Position Classification Specification for the Utility Board Secretary (Unclassified)

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

The Board Recording Secretary position was created in the late 1980s with the intent for incumbents to perform secretarial and office management duties and responsibilities. The skills required for the position were the ability to take verbal dictation using shorthand, type business letters, and receive and respond to visitors and complaints through the guidance of the Commission. These duties have evolved throughout the years increasing the scope of work to interpret and summarize Commission rules, proceedings and resolutions, ensuring legal and statutory requirements are met. The position also serves as the liaison between GWA & GPA Executive Management and the Commission.

While the basic duties and responsibilities of the Board Recording Secretary's role did not significantly change, the current position has not been updated to reflect current duties and responsibilities, nor does it reflect the skill sets and standards required of the position. Most notably, technology and new laws have reshaped the way we conduct business today, requiring additional knowledge, skills, and abilities.

Thus, the creation of the Utility Board Secretary adequately updates the duties and functions of the position, specific to a Utility Organization. The creation is necessary to effectively update and capture the enhanced utility-based job specifications required of the position.

### Where is the location?

While the board secretary positions exist within the government of Guam, the creation of the Utility Board Secretary is being created specifically for GWA and GPA to reflect the update in the minimum qualifications and illustrative examples of the position, which is necessary to accomplish the strategic goals for both utilities.



# GPA RESOLUTION NO. FY2023-04

4

## Authorizing Management to Extend the Ultra-Low Sulfur Diesel (“ULSD”) Storage Agreement with Tristar Terminal Guam, Inc (“TTGI”)

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

The existing ULSD Storage Agreement under TTGI-SA-2018-01 is set to expire on December 31, 2022 for Tank 1906 and in June 30, 2023 for Tank 1907, respectively.

GPA has determined that the extension of the ULSD Storage Agreement thru June 30, 2024 will serve the best interest of the Authority and its ratepayers by ensuring uninterrupted supply of ULSD to the GPA plants thru the lease of the ULSD Storage tanks for the transport and receiving bulk fuel shipments into the GPA storage facilities.

### Where is the location?

The TTG ULSD storage tanks are located at the TTGI Terminal in Agat.

### How much will it cost?

The lease fee for each tank is approximately \$98,000.00 per month (excluding handling and throughput fees).

Tank 1906 lease cost for the extension period from January 1, 2023 thru June 30, 2024 is approximately \$1,666,000.00.

Tank 1907 lease cost for the extension period from January 1, 2023 thru June 30, 2024 is approximately \$1,176,000.00.

The aggregate total lease cost for both tanks is approximately \$2,842,000.00 (Exhibit A).

### When will it be completed?

The contract extension will expire in June 30, 2024.

### What is its funding source?

The ULSD Storage fees will be funded under the fuel revenue budget.



### The RFP/BID responses:

TTGI is the sole source provider for the ULSD Storage Facility in Guam meeting GPA requirements.





# GPA RESOLUTION NO. FY2023-05

5

## **Authorizing Management to Increase the FY'2023 0.2% Low Sulfur Residual Fuel Oil (LSRFO) and Ultra-Low Sulfur Diesel (ULSD) Budget**

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

The increase in the FY 2023 budget for the 0.2% LSRFO and ULSD budget is necessary to provide sufficient funding for the fuel expenditures for the uninterrupted supply of fuel for the Baseload plants and Peaking Units.

**Where is the location?**

The 0.2% LSRFO and ULSD will be supplied to the Baseload plants and Peaking units.

**How much will it cost?**

The estimated additional budget requirement is estimated at approximately \$293,298,947.

**When will it be completed?**

The FY 2023 increased budget for the 0.2% LSRFO and the ULSD will cover the fuel expenditures thru September 30, 2023.

**What is its funding source?**

Fuel revenue funds



# GPA RESOLUTION NO. FY2023-06

6

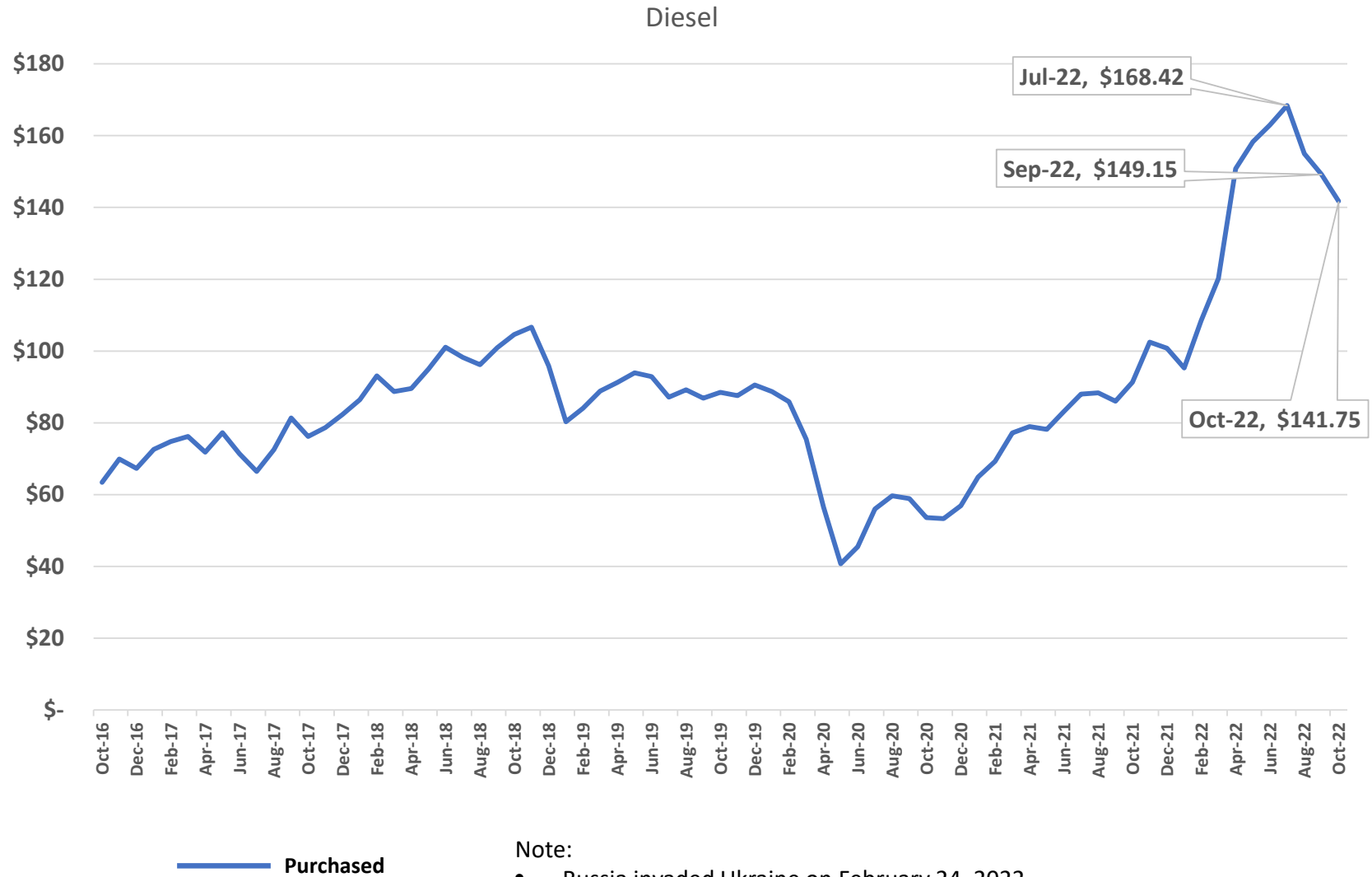
**Relative to Authorizing Management to Petition  
the Guam Public Utilities Commission to Adjust the Levelized  
Energy Adjustment Clause (LEAC)**

**Recommendation: No Increase to Nov 2022 Rate**



# LEAC Update - GPA Diesel Purchases (Per Barrel)

7



## LEAC Update - Morgan Noon Call Pricing

8

Date	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
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## LEAC Update - Change in Power Generation Required by Consent Decree 9



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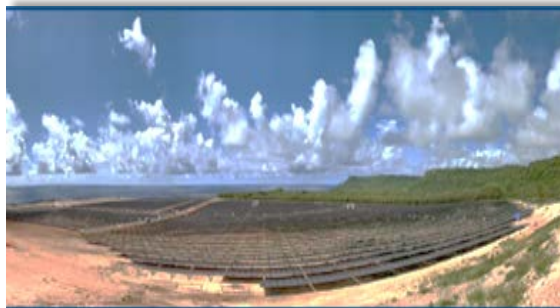
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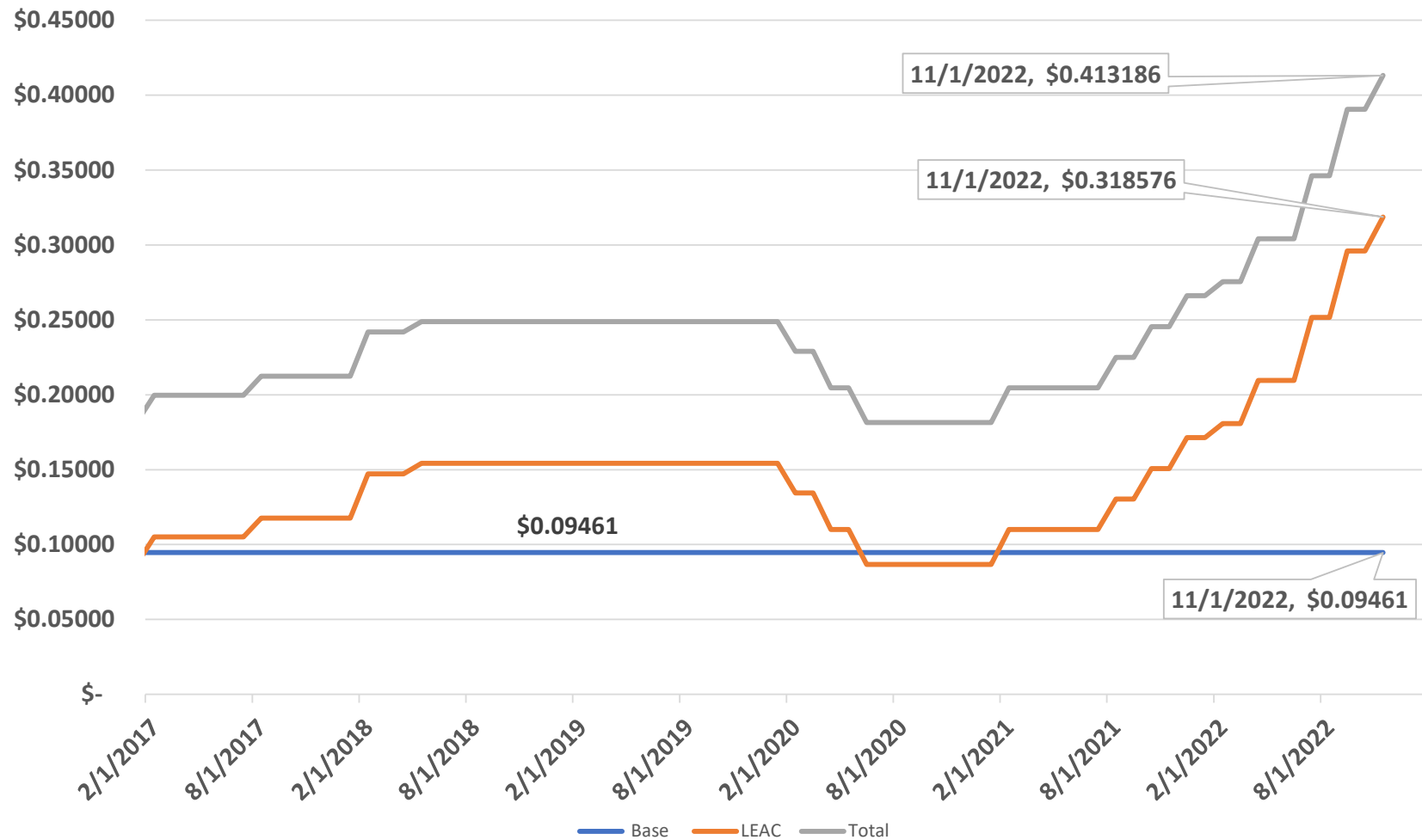


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# LEAC Update - Historical LEAC Over / (Under) Recovery

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# LEAC Update - Sample residential bill

13

	RATE SCHEDULE R			
	Existing Rate Eff 11-01-22		Proposed Eff 02-01-23	
KWH		1,000		1,000
Monthly Charge	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00
Non-Fuel Energy Charge				
First 500 KWH	0.069550	34.78	0.069550	34.78
Over 500 KWH	0.086870	43.44	0.086870	43.44
Emergency Water-well charge	0.002790	1.40	0.002790	1.40
Self-Insurance Charge	0.002900	2.90	0.002900	2.90
Total Electric Charge before Fuel Recovery Charges		97.52		97.52
Fuel Recovery Charge	<b>0.318576</b>	318.58	<b>0.318576</b>	318.58
Total Electric Charge		<u>\$ 416.10</u>		<u>\$ 416.10</u>
Increase/(Decrease) in Total Bill				\$ -
% Increase/(Decrease) in Total Bill				<b>0.00%</b>
% Increase/(Decrease) in LEAC rate				<b>0.00%</b>

# OTHER DISCUSSIONS

## Legislation to Change Bid Protest and Local Preference Policies to Assist Ratepayers



<b>Description:</b>	<b>Engie Proposal</b>	<b>Estimated GPA LEAC</b>	<b>Comments:</b>
Contract Energy	1,572,749,780	1,572,749,780	
Average kWh Rate	0.1207	\$ 0.1852	
Contract Cost	\$ 189,856,299	\$ 291,210,320.13	
<b>Variance:</b>	<b>\$ (101,354,021)</b>		<b>Protest Impact to Rate Payers</b>

**Local Preference Impact:**

<b>Description:</b>	<b>Engie Proposal</b>
Contract Energy	1,572,749,780
Average kWh Rate	\$0.1207
Contract Cost	\$ 189,856,299

<b>Local Preference</b>	<b>3%</b>	<b>15%</b>	
<b>Amount</b>	<b>\$ 5,695,689</b>	<b>\$ 28,478,445</b>	<b>Increased Cost to Rate Payers</b>

<b>Total cost Impact</b>	<b>\$ 107,049,710</b>	<b>\$ 129,832,466</b>
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# GM REPORT

## NOVEMBER 2022



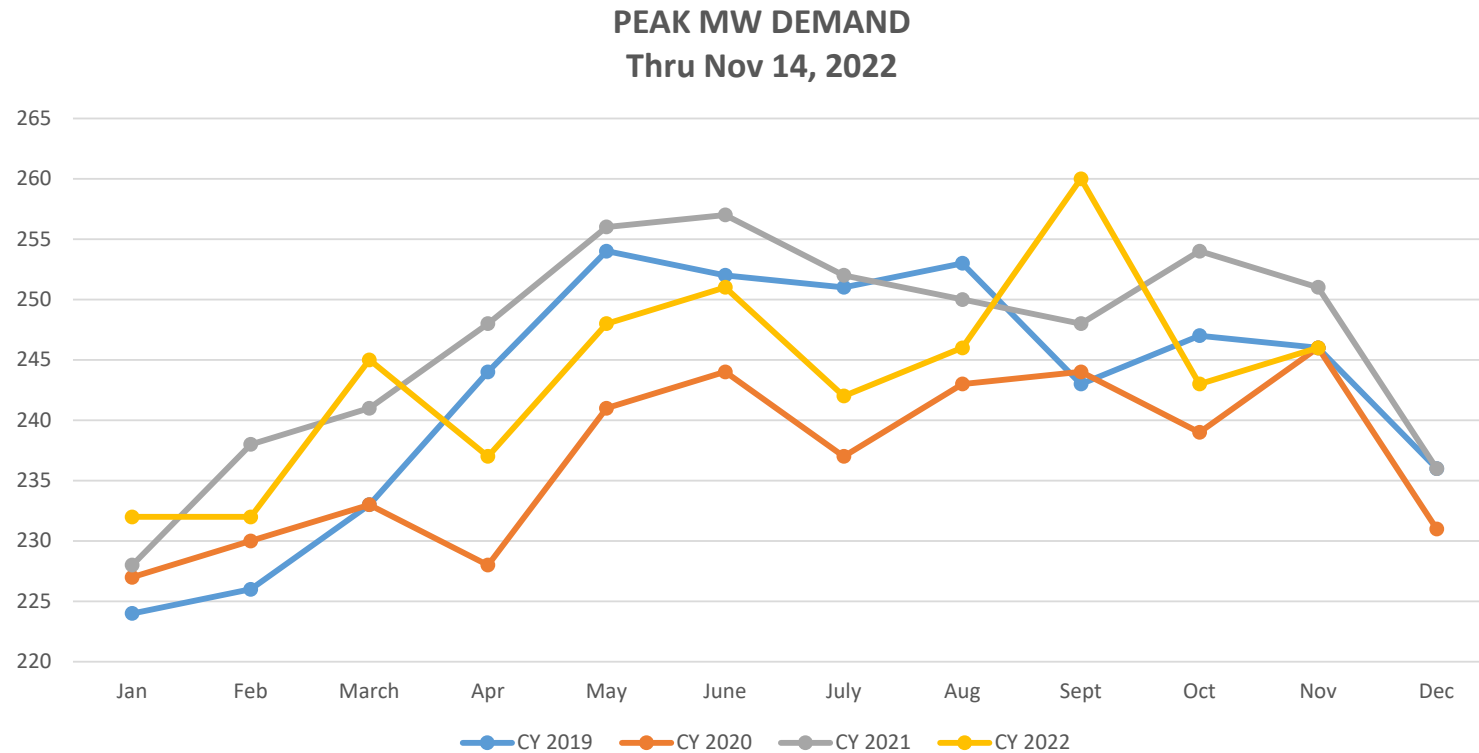
# Generation Status

17

## 1. Reserve Margin Forecast for December 2022:

Projected Available Capacity: 286 MW  
 Projected Demand: 236 MW  
 Anticipated Reserve Margin: 50 MW

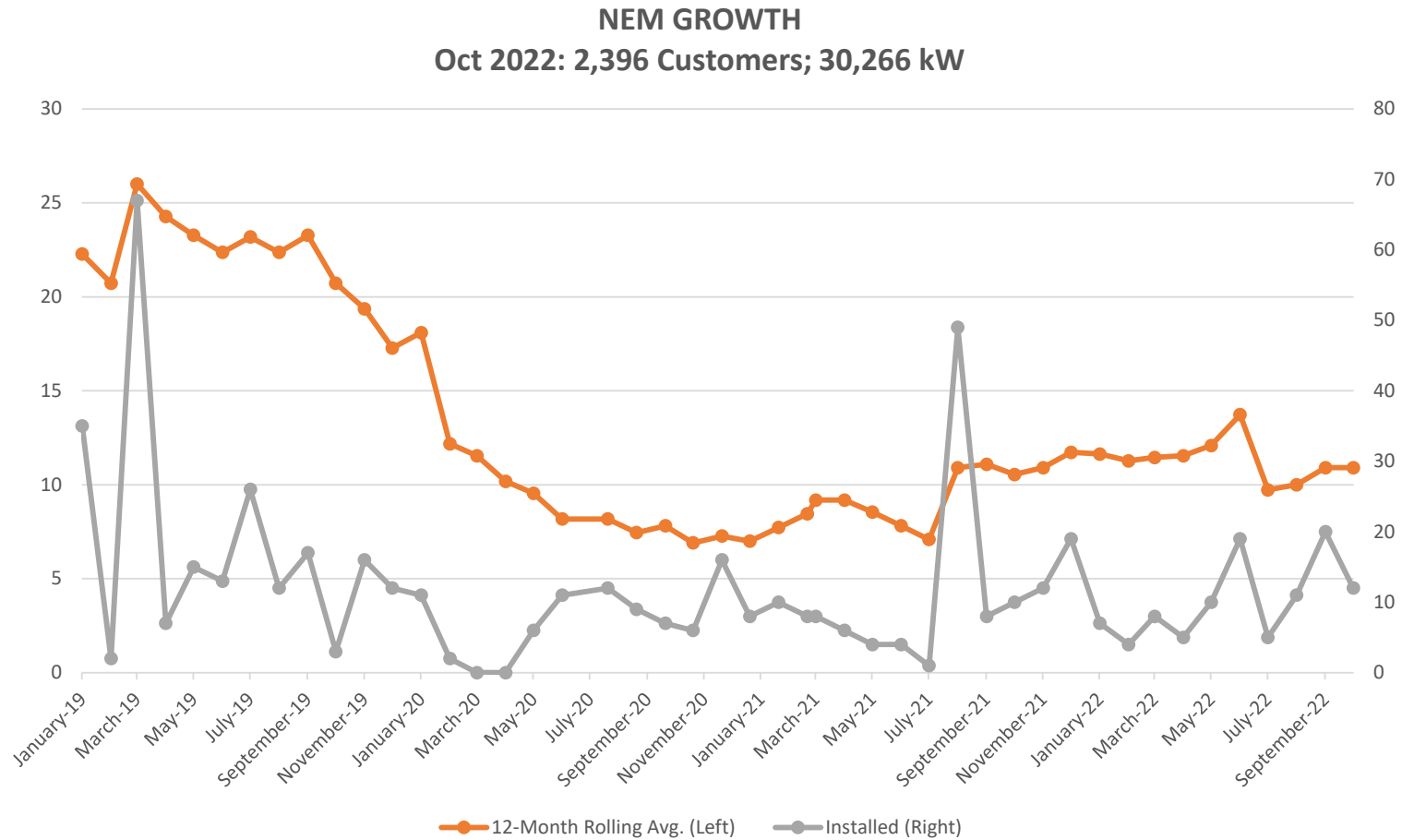
## 2. System Peak Demand:



# Net Metering (NEM)

18

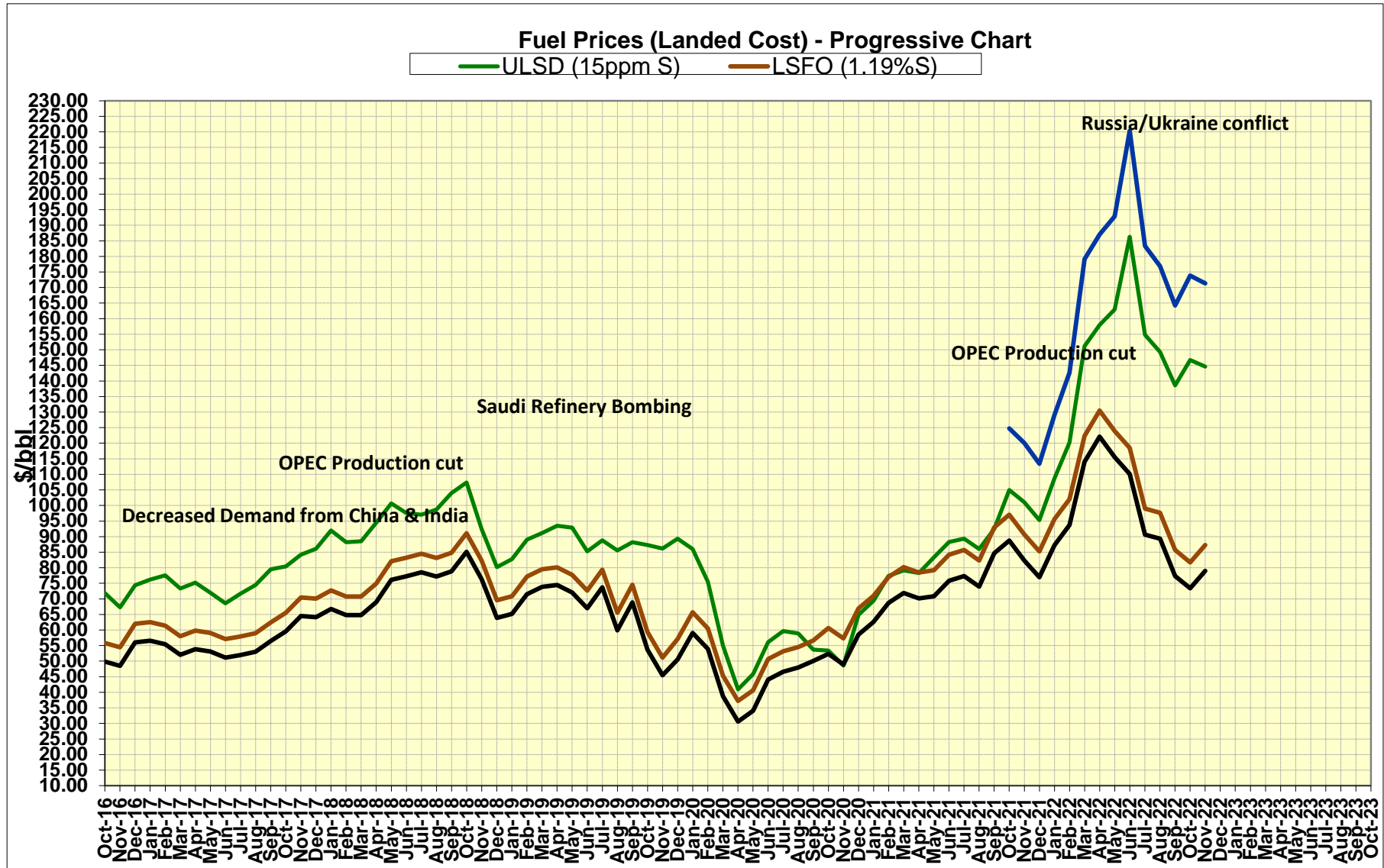
## 3. Net Metering (NEM) Growth Thru October 2022:



# GPA Fuel Landed Cost (Per Barrel) Thru Nov. 09, 2022

19

## 4. 0.2% LSRFO \$171.36; ULSD \$144.63



# General Manager's Report (cont'd)

20

## 5. PUC Update:

### Tuesday, November 29, 2022 Special Meeting Agenda Items [Pending Confirmation]:

- GPA Docket 23-02, Petition for Contract Review Relative to the Approval of Engineering, Procurement and Construction Management (EPCM) Contract with Stanley Consultants, Inc.
- GPA Docket 23-03, Petition for Contract Review Relative to Authorization of Guam Power Authority to Award Property Insurance

### Dockets Approved at Thursday, October 27, 2022 Meeting

- GPA Docket 23-01, Petition for Approval of the Phase IV Renewable Acquisition for GPA - **APPROVED**
- GPA Docket 22-15, PUC Review of LEAC pursuant to June 16, 2022 PUC Order - **APPROVED a LEAC increase to \$0.318576/kWh, which is acceptable to GPA**

## 6. Bill No. 351-36 (COR) - Virtual Power Plant Program

- Introduced November 1, 2022 by Sen. Clynt Ridgell, and co-sponsored by Sens. Joe S. San Agustin, Tina Rose Muna Barnes, Jose Terlaje, and Amanda Shelton.
- Directs GPA to establish a Virtual Power Plant Program, a network of distributed energy resources (DER) comprised of solar PV systems and energy storage batteries at residents, businesses, government, and non-profit organizations sites.
- GPA is reviewing the legislation, as introduced.
- A public hearing is scheduled at 9:00 a.m. Friday, November 18, 2022





# General Manager's Report (cont'd)

21

## 6. Bill No. 351-36 (COR) - Virtual Power Plant Program - Continued

- GPA did review the bill which has now been substantially changed from the original bill provided to GPA. Senator Ridgell did want our support of the bill and therefore agreed to our proposed changes which is basically what was introduced. I believe GPA will testify in support of the bill.
- Bill recognizes authority to establish and implement the program is vested in CCU and PUC. If program is not approved by governance and oversight commissions, program is not pursued or awarded. Perhaps, the language should be more specific as to when we pursue the program? I am fine in pursuing a bid a program within 9 months. But perhaps the or in the language should be “and” 30 days upon PUC approval?
- Bill basically acknowledges the authorities of the CCU and PUC. It is mandating that we pursue a program for solar roof top but doesn't as typically done mandate specific details beyond acceptable bond covenants and enabling acts of CCU and PUC
- With regards to the 5 year residency of this program, I surmised it as a policy call to provide local businesses a part in the long term renewable program. My thinking on this is if program is not beneficial to all parties, the CCU and PUC will not approve such program.
- The roof top programs are a supplemental conversion of “oil to jobs” and will not provide cheaper energy than utility scale solar but provides value in lessening the impact fluctuating high fuel oil prices have perennially had on our ratepayers. Because roof top solar will always be a small increment of the overall GPA renewables capacity, its impact on the LEAC is more on providing sustained energy cost ( 1% max escalator) despite perhaps being a slightly higher priced one. All of these programs will be accepted, discontinued, adjusted over time and all approved by CCU and PUC. However, the evolution won't start until we begin.
- To achieve 50% renewables, GPA needs to add 400 MW by 2030 and an additional 500 MW beyond 2030 to achieve 100% renewables. Although there appears to be adequate land mass to accomplish these needs, I estimated potential roof top solar capacity in the neighborhood of 300MW.
- As I had noted in my September GM report, GPA intends to pursue roof top solar programs by aggregating types of programs to certain capacity size bids and taking advantage of economies of scale to reduce prices. We have not yet determined the model but programs such as virtual power plants, community solar and others will be developed for CCU and PUC approval. GPA will determine what it thinks is the best model for the island community and pursue approval from CCU and PUC for the specified program. The proposed bill does not seem to limit our plans.



# General Manager's Report (cont'd)

22

## 7. Customer Assistance Programs

- \$1.062M (1,502 households) - Guam Homeowner Assistance Fund Program (HAF)
- \$3.38M (2,011 households) - Emergency Rental Assistance Program (ERA)
- \$21,039,300 (~51,000 residential, multi-meter, commercial accounts; July-October 2022) - *Prugrãman Ayuda Para I Taotao-ta* Energy Credit

## 8. Legislation Introduced to Extend the *Prugrãman Ayuda Para I Taotao-ta* Energy Credit Program

- On November 10, 2022, two (2) bills were introduced, intending to provide a five-month extension of the *Prugrãman Ayuda Para I Taotao-ta Energy Credit Program*, established by PL 36-54.
  - Bill 357-36 (COR), introduced by Speaker Therese Terlaje will appropriate an additional \$26,381,000 from FY22 unappropriated, excess General Fund revenues.
  - Bill 359-36 (COR), introduced by Sen. Joe S. San Agustin, will authorize the Governor to spend up to \$26,381,000 from any funding source available, including using her transfer authority.
- Both bills extend the disbursement of \$100 monthly credits to active residential and commercial GPA customers through April 2023.
- This is great news for our ratepayers, since many are still feeling the economic impact of the high volatility in world oil prices and other global events.
- I would like to thank Speaker Terlaje and Senator San Agustin. The extension of the *Prugrãman Ayuda Para I Taotao-ta* Energy Credit program will help many in need of assistance.



# Energy Sense Rebate Program (ESRP) Online Application

23

## 9. DSM Online Report - October 2022

### APPLICATIONS

Month	Applications	Commercial	Residential
Aug-22	217	0	217
Sep-22	479	7	472
Oct-22	474	4	470
<b>TOTAL</b>	<b>1170</b>	<b>11</b>	<b>1159</b>

### AVERAGE REBATE PER APPLICATION

Commercial	Residential
\$ 309	\$ 286

### EQUIPMENT

Month	Applications	Commercial	Residential
Aug-22	315	0	315
Sep-22	667	12	655
Oct-22	689	9	680
<b>TOTAL</b>	<b>1671</b>	<b>21</b>	<b>1650</b>

### AVERAGE REBATE PER EQUIPMENT

Commercial	Residential
\$ 162	\$ 201

### REBATES

Month	Rebate	Commercial	Residential
Aug-22	\$ 61,375.00	\$ -	\$ 61,375.00
Sep-22	\$ 134,525.00	\$ 1,950.00	\$ 132,575.00
Oct-22	\$ 139,375.00	\$ 1,450.00	\$ 137,925.00
<b>TOTAL</b>	<b>\$ 335,275.00</b>	<b>\$ 3,400.00</b>	<b>\$ 331,875.00</b>



\* DSM Online went live on 8/17/22. August 2022 figures are from 8/17 – 8/31 only.  
 \* Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually.  
 \* Paper applications are NOT INCLUDED with these counts.



# Energy Sense Rebate Program (ESRP) Online Application (cont'd)

24

## 9. DSM Online Report - October 2022

APPLICATION COUNTS PER STATUS

Month	Applications	Commercial			Residential		
		Processing	Approved	Denied	Processing	Approved	Denied
Aug-22	217	0	0	0	58	139	20
Sep-22	479	1	0	6	333	17	122
Oct-22	474	2	0	2	414	0	56
TOTAL	1170	3	0	8	805	156	198

APPLICATION COUNTS PER PROGRAM

Month	Applications	Commercial				Residential			
		Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer
Aug-22	217	0	0	0	0	192	0	15	10
Sep-22	479	7	0	0	0	404	0	29	39
Oct-22	474	4	0	0	0	413	0	19	38
TOTAL	1170	11	0	0	0	1009	0	63	87

REBATES PER PROGRAM

Month	Rebate	Commercial				Residential			
		Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer
Aug-22	\$ 61,375.00	\$ -	\$ -	\$ -	\$ -	\$ 57,375.00	\$ -	\$ 1,600.00	\$ 2,400.00
Sep-22	\$ 134,525.00	\$ 1,950.00	\$ -	\$ -	\$ -	\$ 120,175.00	\$ -	\$ 3,400.00	\$ 9,000.00
Oct-22	\$ 139,375.00	\$ 1,450.00	\$ -	\$ -	\$ -	\$ 126,625.00	\$ -	\$ 1,900.00	\$ 9,400.00
TOTAL	\$ 335,275.00	\$ 3,400.00	\$ -	\$ -	\$ -	\$ 304,175.00	\$ -	\$ 6,900.00	\$ 20,800.00

EQUIPMENT COUNTS PER PROGRAM

Month	Equipment	Commercial				Residential			
		Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer
Aug-22	315	0	0	0	0	287	0	16	12
Sep-22	667	12	0	0	0	576	0	34	45
Oct-22	689	9	0	0	0	614	0	19	47
TOTAL	1671	21	0	0	0	1477	0	69	104

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

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

\* Paper applications are NOT INCLUDED with these counts.



# General Manager's Report (cont'd)

25

## 10. New Power Plant Update: GPA Activities

### Completed:

- ECA Amendment: Signed on March 17, 2021.
- Resolution on Section 106 process between Navy/SHPO/GPA (cultural process)
- Archaeological Inventory Survey of Ukudu Site
- Cultural Survey for boring scope fuel/water/power project areas (outside of plant)
- Baseline noise study for Piti 41 MW diesel generator plant site.
- Water Supply and Discharge Agreement signed.
- Approval of research design for boring of proposed site in Piti for diesel generator relocation
- Approval of Archaeological Monitoring & Discovery Plan for pipeline construction
- Public Law 36-91 was signed on 4/11/22 for exemption of construction of Reserve Facility in Piti.
- GHPO Concurrence of Section 106 of the bull cart trails
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- Geotechnical boring test report at the Piti site completed.
- GPA approves remaining Phase 5 & 6 construction permits.
- [GPA obtains MEC specialist for construction support at Nimitz allowing excavation to resume on Nov. 1, 2022](#)

### Ongoing / Pending:

- Archaeological & Cultural Requirements:
  - ✓ Section 106 process for cultural survey on Navy properties (Harmon Substation) revised submitted being delivered to SHPO for final approval. Navy to complete NEPA documents upon final approval once SHPO provides review response to allow for construction activities on the bull cart trails along pipeline route and in the Harmon Substation.
  - ✓ Archaeological monitoring for pipeline construction work (Chaot & Nimitz areas).



### Critical Path & Risk Items

#### Cultural Survey

(SHPO Approvals Required)

- Section 106 process required for Navy properties

#### Delays on Permit Approvals

- Construction Permits
- Air Permit (Reserve Facility)
- NPDES Permit

#### Construction Mitigation

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

#### 41 MW Reserve Facility

- Discussions of revised scope due to increased contracting cost.



# General Manager's Report (cont'd)

26

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

- Water & Wastewater Requirements:
  - ✓ Change of Law issues due to update GWA NPDES permit affecting discharge of wastewater from cooling system. Follow-up with GWA on the NPDES permit modification.
- Construction Permit & Drawing Reviews:
  - ✓ Interconnection and pipeline design documents are being reviewed for approval.
- Reserve Facility:
  - ✓ Revised scope provided and being evaluated.
- Air Permit Support:
  - ✓ Assisting with information to support the Reserve Facility permit. GPA to modify Piti 8&9 permit to reduce operating hours allowing planned operational support for the new Piti plant.
  - ✓ Permitting on hold pending resolution on Reserve Facility
- Other:
  - ✓ Monthly project reviews including Project Schedule.
  - ✓ Weekly meetings on contract items and ongoing construction activities and pending issues
  - ✓ Coordination with Navy on excavation activities for pipeline construction
  - ✓ Attending transportation logistic meetings for heavy transport to Ukudu from Port.
  - ✓ GPA continues with researching easement options to move new pipelines further away from waterways (Sinajana)

# General Manager's Report (cont'd)

27

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

### Completed:

- EPC Contract - Doosan
- Height Variance for Ukudu Site
- Financing Contracts Signed - Equity Bridge Loan in place. Senior loan requires air permit and land lease legislation for funds drawdown.
- Down payment to Siemens to secure Turbine Order (long lead item)
- Survey Maps for land lease recorded at Dept. of Land Management
- Phase I for Ukudu Plant construction permit approved. Foundation work is ongoing.
- GUP issues Notice to Proceed to EPC on May 31, 2022.
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- GEPA approves and issues Ukudu Air Permit on 7/20/22 during construction ground breaking ceremony.
- KEPCO/GUP achieves financial close on September 30, 2022.

### Ongoing / Pending:

- Design / Permitting
  - ✓ Construction
    - Power Plant - 6 phases of design for permitting. Phase 2-6 pending approvals
    - Pipeline - [Excavation and pipeline installation ongoing at Nimitz, within Tiyan along Route 8 towards airport. Contractors working with DPW on encroachment permit for areas crossing and along roadways.](#)
    - Transmission Line - design and material specifications under review. [Anticipating construction early 2023.](#)
  - ✓ Air Permits
    - Piti Reserve Facility - USEPA approved netting plan with restrictions on Piti 8&9 to allow minor source permit. [Application hold pending resolution on Reserve Facility revised scope.](#)
- Procurement - initiating other equipment procurement
  - Existing Pipeline Cleaning & Demolition - [Land Use Control document submitted to GEPA for review regarding Route 16 \(Airport\) to Route 34 abandonment plan.](#)



# General Manager's Report (cont'd)

28

## 10. New Power Plant Update: GUP Activities (Contractor) *continued*

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

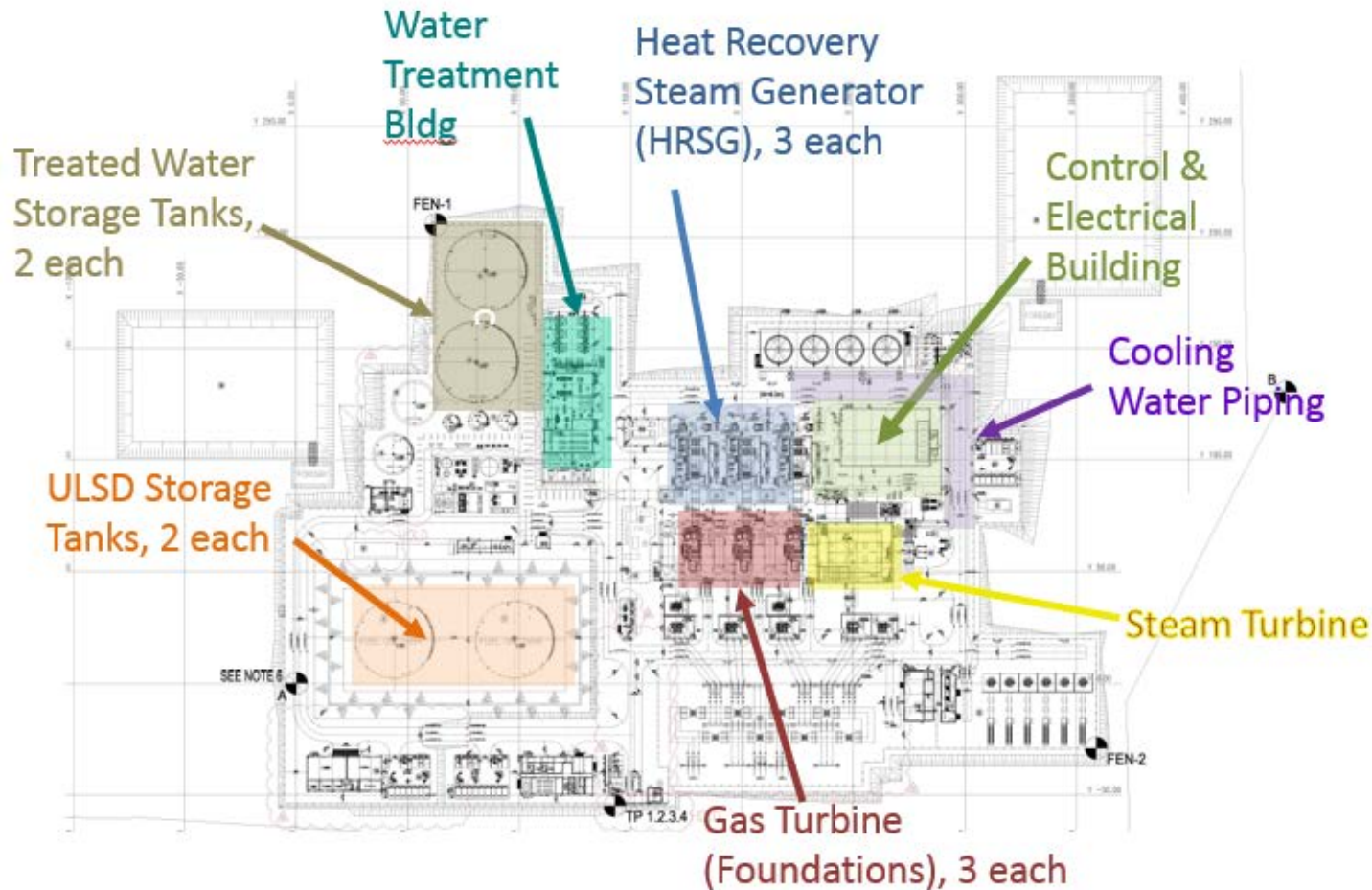
- Reserve Facility - Pending evaluation of the revised scope. Due to continuous increase in battery pricing, DUP was not able to provide BESS option.
- Schedule Update - Plant and fuel pipeline continue to progress with no major schedule impact reported.
- Transportation Logistics - EPC continues to work with DPW on transport plan from Port to Ukudu site.
  - Bridge analysis dictating required transport equipment.
  - Temporary bridge delivered as required by DPW as backup for any bridge damage due to limited alternate routes in some areas.
  - Transportation will take several hours over several days to move HRSG modules and will affect traffic during movement.
  - Weekly meetings being held to discuss plans and requirements.
  - 25 heavy cargo movements expected thru April 2023
  - Demonstration of the Self-Propelled Modular Transporter (SPMT) was provided to DPW, GUP, DUP and GPA representatives on Oct. 27 at the Port.
  - First heavy cargo shipment arrived on Guam on Nov. 2 which contains the 12 HRSG modules. It is being stored at the Port.



# Ukudu Power Plant Construction Status

29

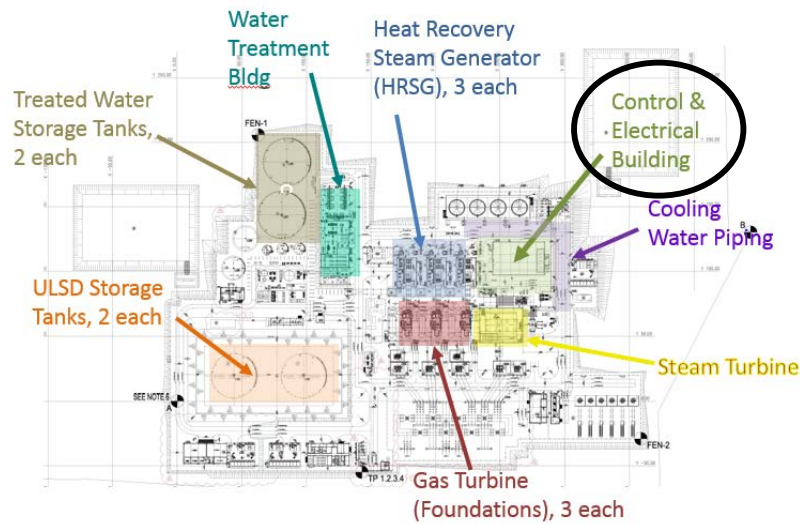
Construction work ongoing with Control & Electric Building, Heat Recovery Steam Generator foundation, Fuel Storage Tanks, Cooling Water Piping, Water Treatment Tanks, Gas Turbine Foundations, and **Water Treatment Building** progressing



# Ukudu Power Plant Construction Status

30

## Control & Electrical Building – Steel frames

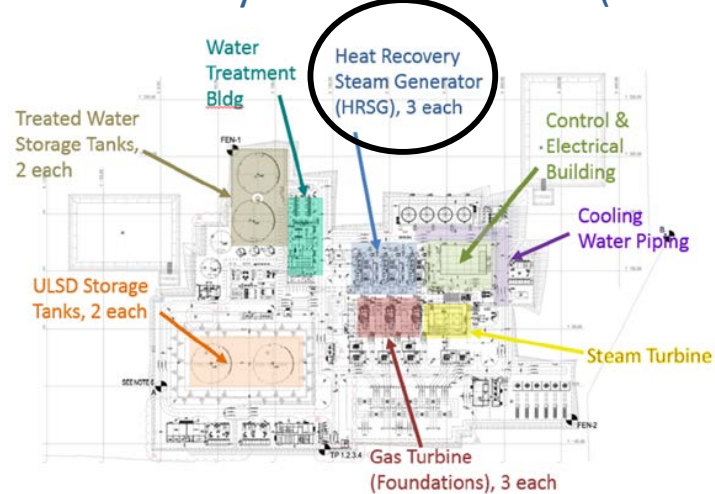




# Ukudu Power Plant Construction Status

31

Heat Recovery Steam Generator (HRSG) – Foundation work ongoing



**HRSG (#1 of 3) Foundation work (background with forms)**



**HRSG (#2 of 3) Foundation work (backfilling)**



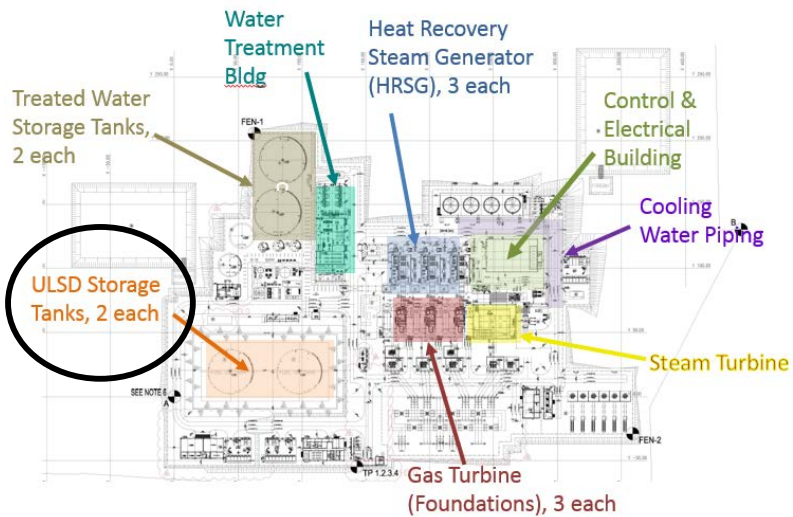
**HRSG (#3 of 3) Foundation work (complete)**



# Ukudu Power Plant Construction Status

32

## ULSD Storage Tank #1 – Backfilling



## ULSD Storage Tank #2 – Sand bedding

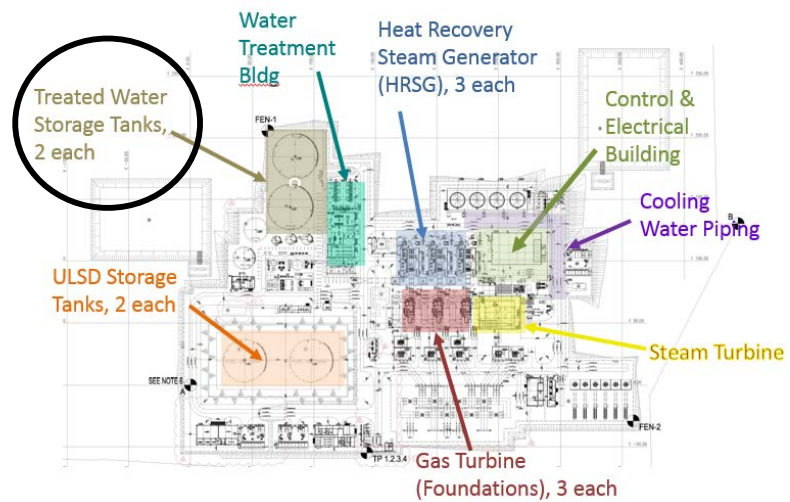




# Ukudu Power Plant Construction Status

33

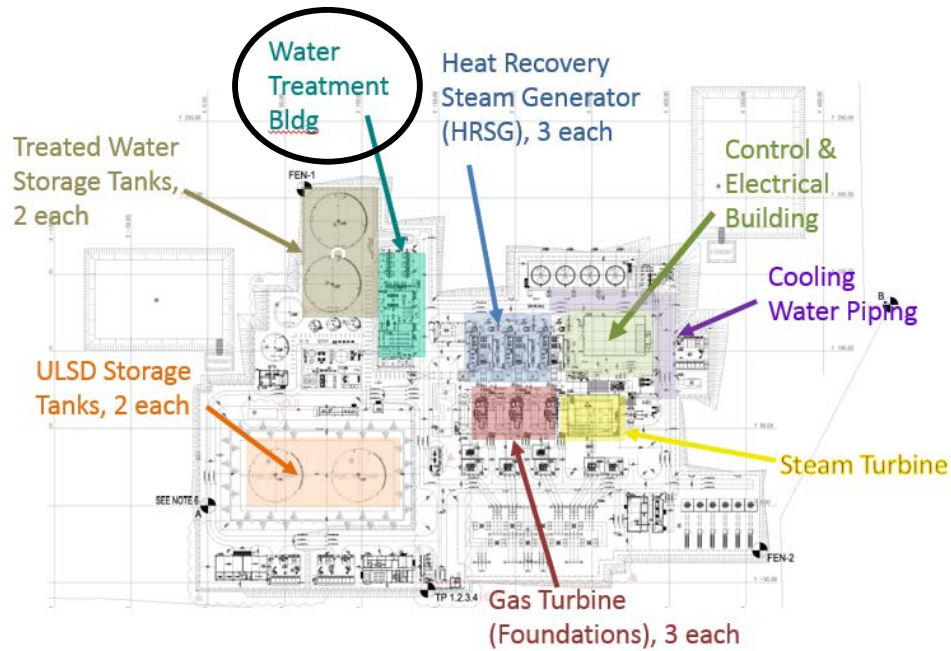
Treated Water Storage Tanks 1 & 2 – Steel walls in place for welding





# Ukudu Power Plant Construction Status

34



## Water Treatment Building - Foundation

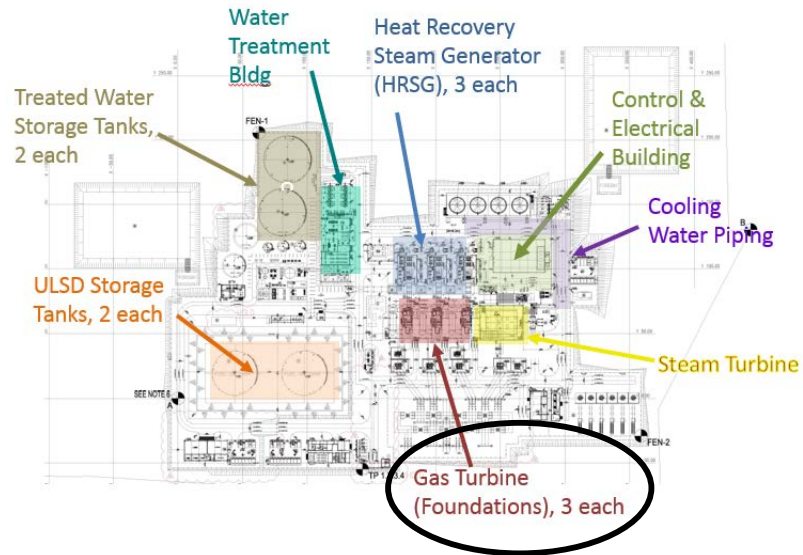




# Ukudu Power Plant Construction Status

35

## Gas Turbines Foundations



GT #1 – Foundation



GT #2 & #3 – Foundations with HRSG foundation in background.

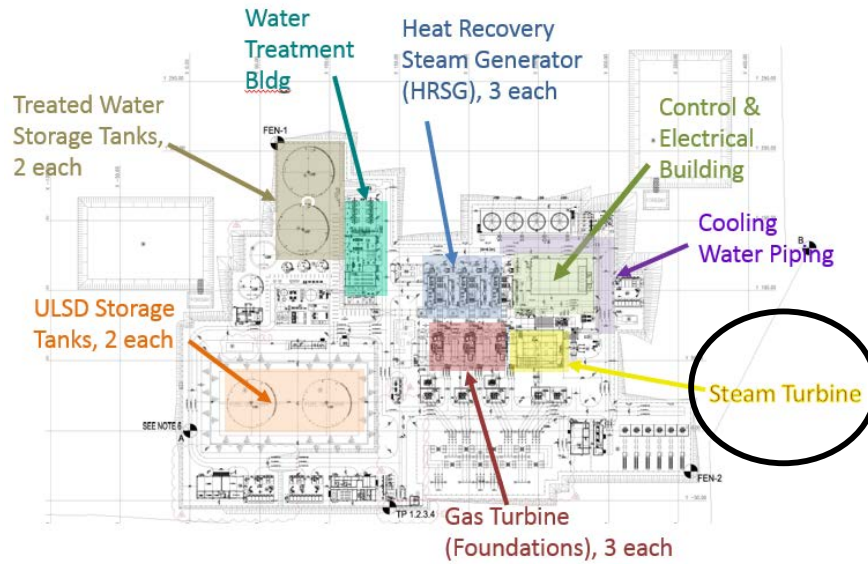
GT #1 –  
Transformer  
Foundation



# Ukudu Power Plant Construction Status

36

## Steam Turbine Foundation





# Transportation

37

## Self-Propelled Modular Transporter Demonstration (Oct. 27, 2022)



# Transportation

38

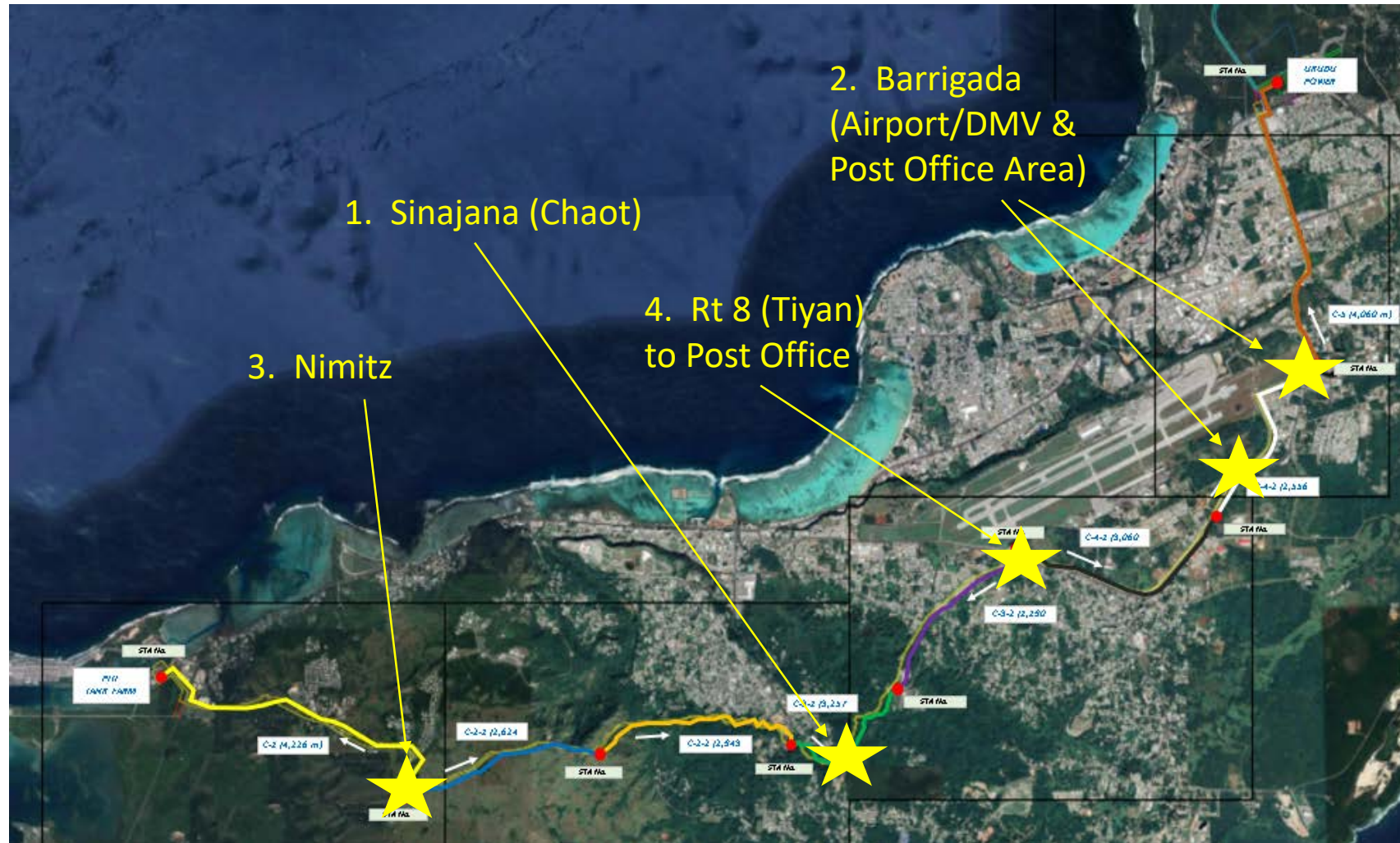
Arrival of 12 HSRGs at Port Authority of Guam on November 2, 2022





# Fuel Pipeline Construction Status

39



# Fuel Pipeline Construction Status

- 1. Chaot area (100 M)**  
*Backfill and compacting testing completed.*



- 2. Barrigada – Near Post Office**  
*Excavation towards Airport completed. Pipe installation ongoing*



- 2. Barrigada - Airport / Across DMV**  
*All excavation within Airport fencing completed.  
Continued pipe & fiber installation and backfill and testing*



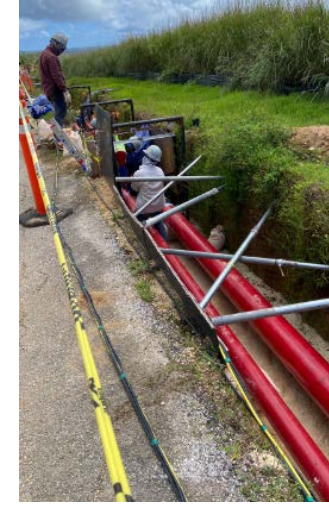


# Fuel Pipeline Construction Status

41

## 3. Nimitz

Excavation work restarted with MEC construction support. Pipeline now being installed.



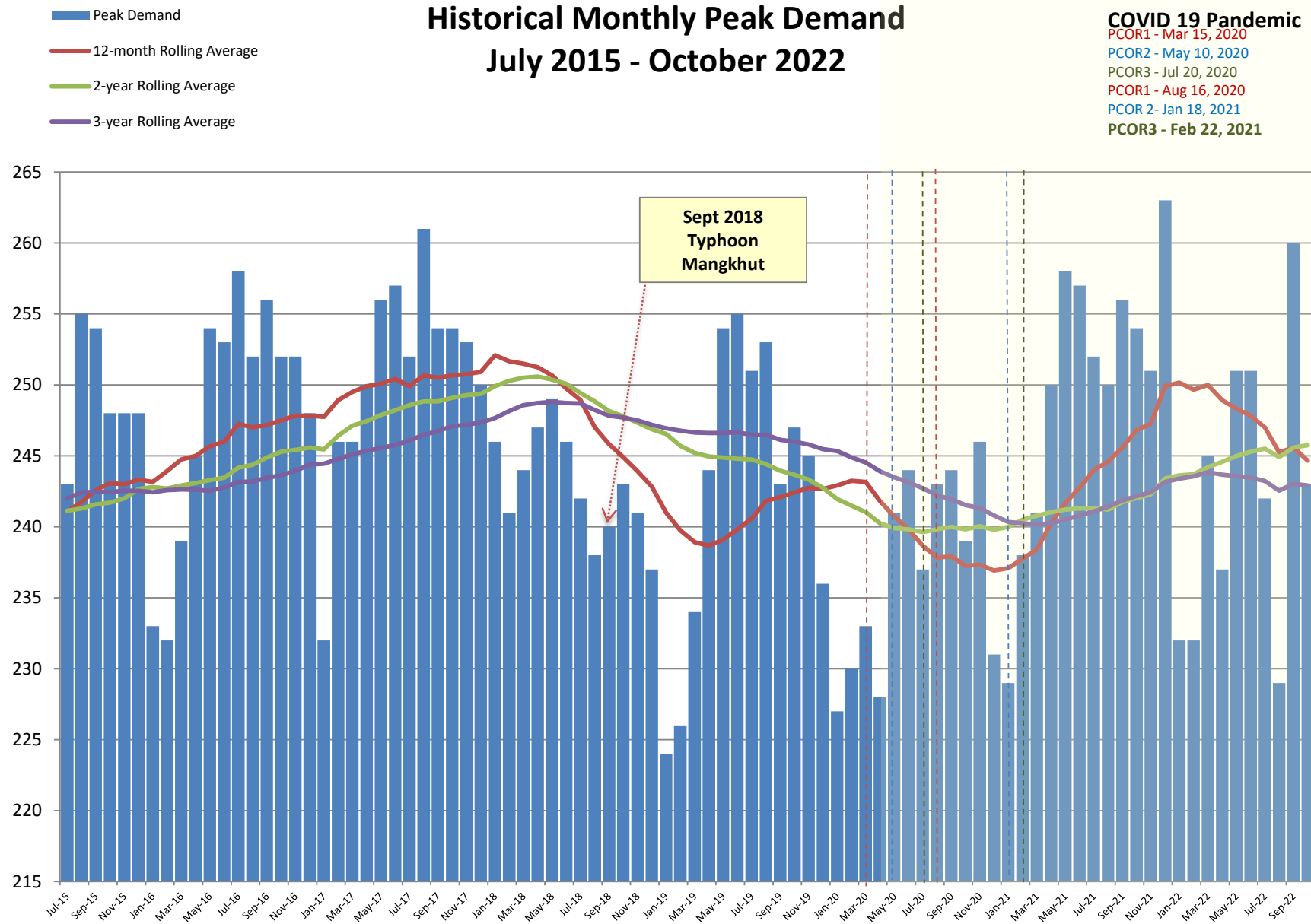
## 4. Rt 8 (Tiyan) to Post Office

Excavation continues. Old lines are being removed. Pipelines are being staged.



# 11. Generation KPIs Update October 2022





## Historical KWH Sales October 2018 - October 2022

### COVID 19 Pandemic

PCOR1 - Mar 15, 2020

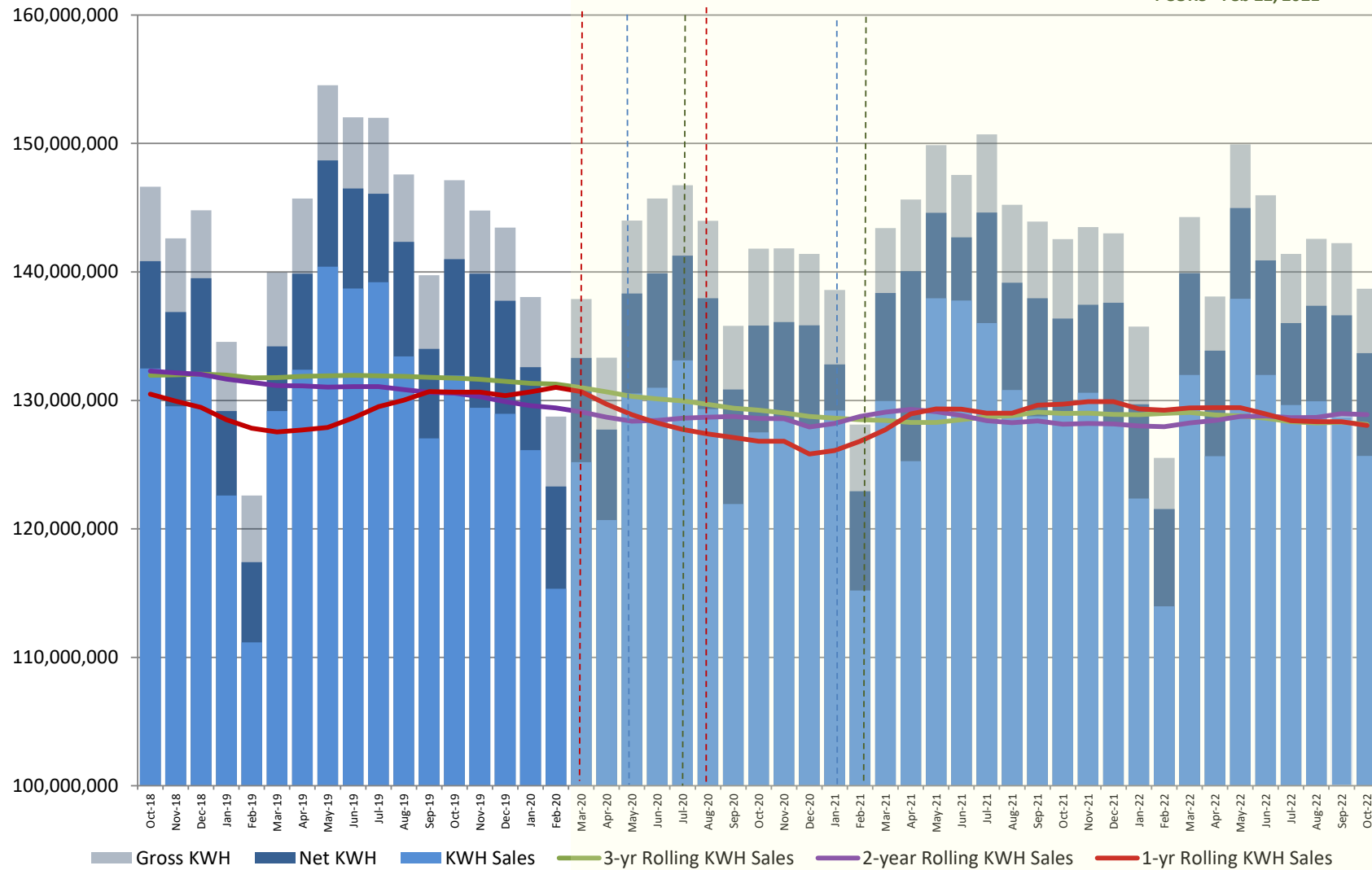
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

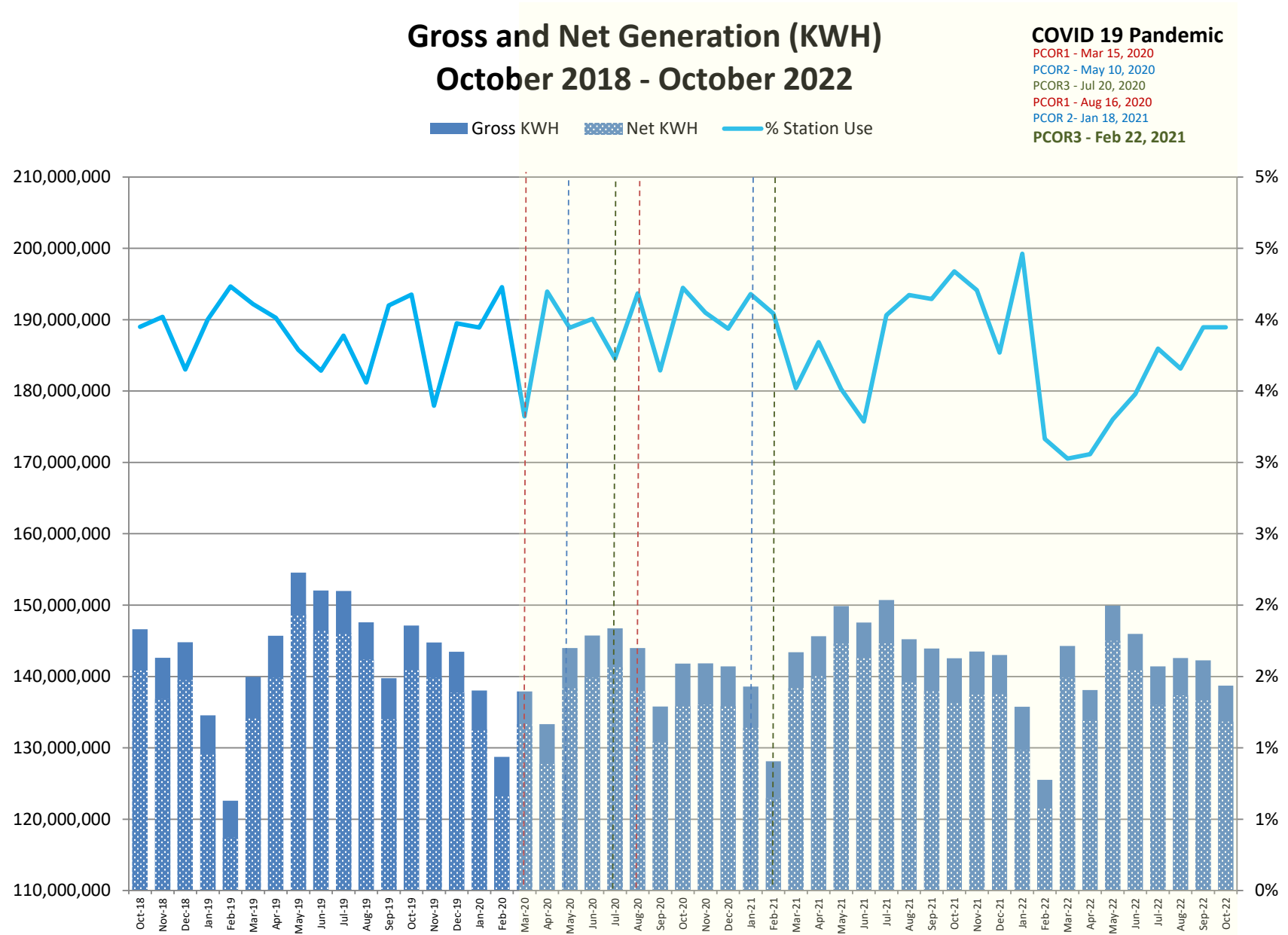
PCOR1 - Aug 16, 2020

PCOR2 - Jan 18, 2021

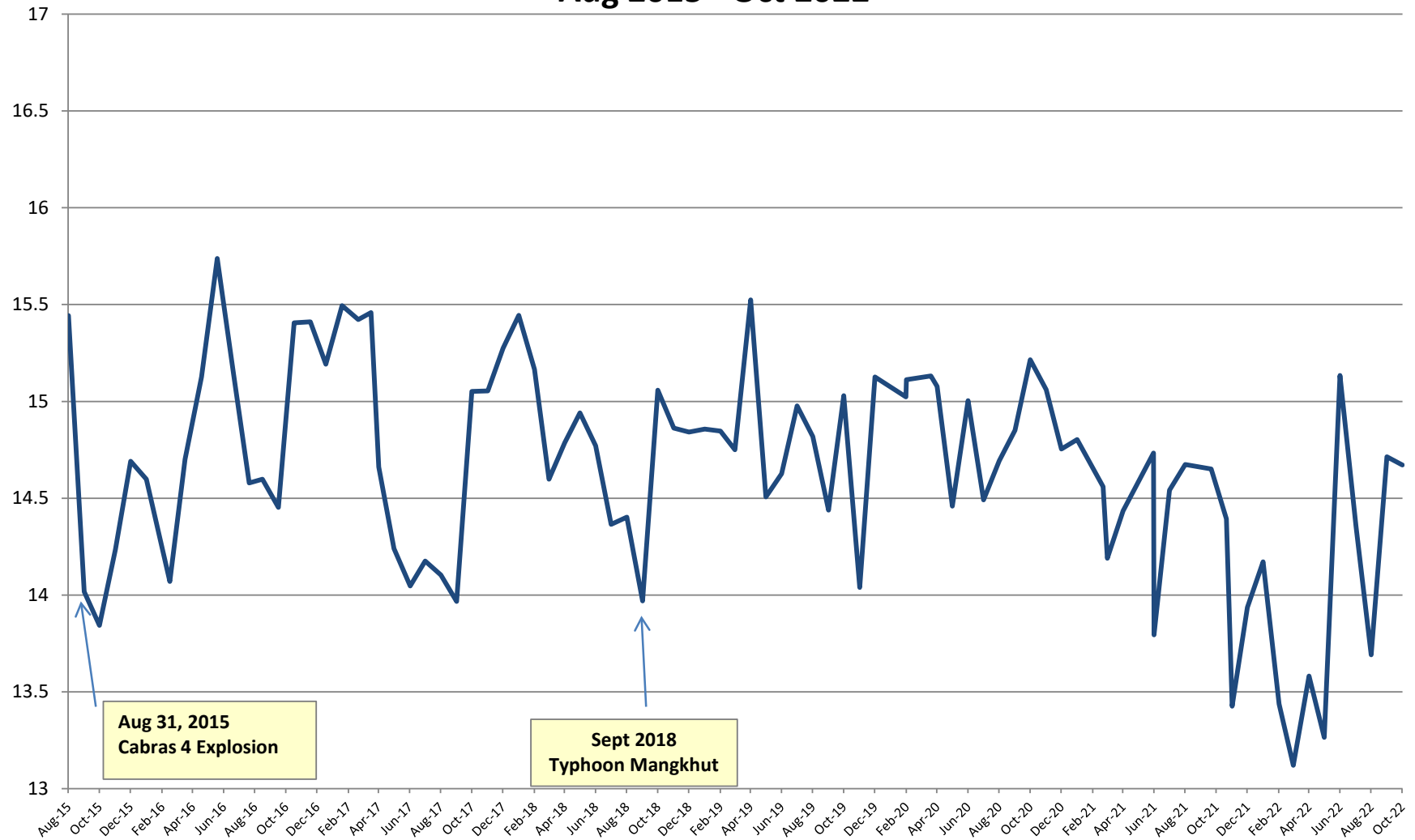
PCOR3 - Feb 22, 2021

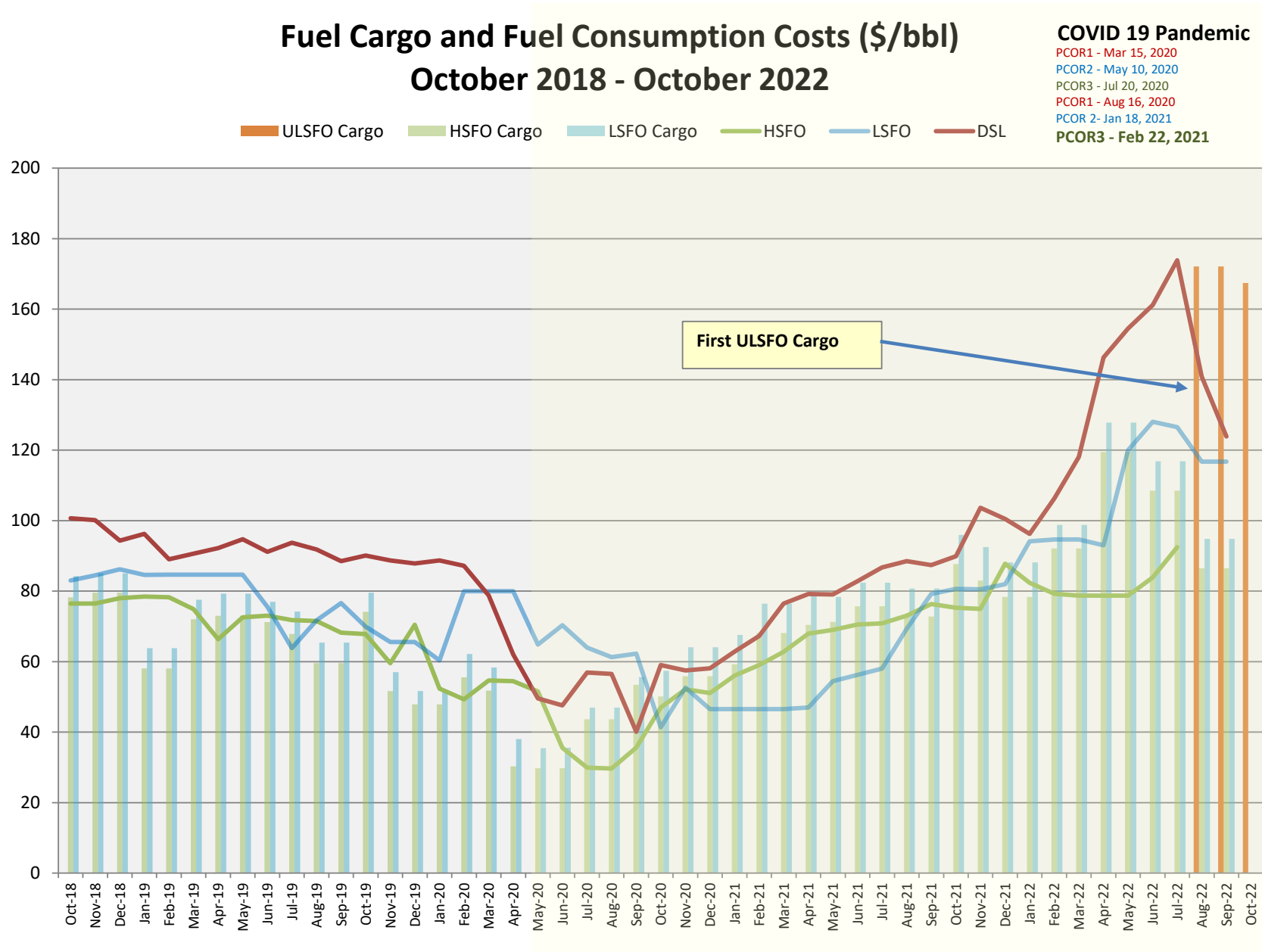






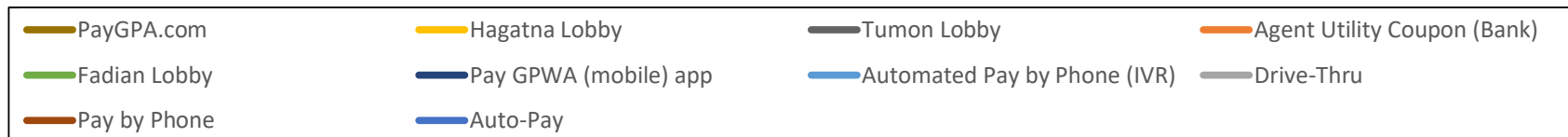
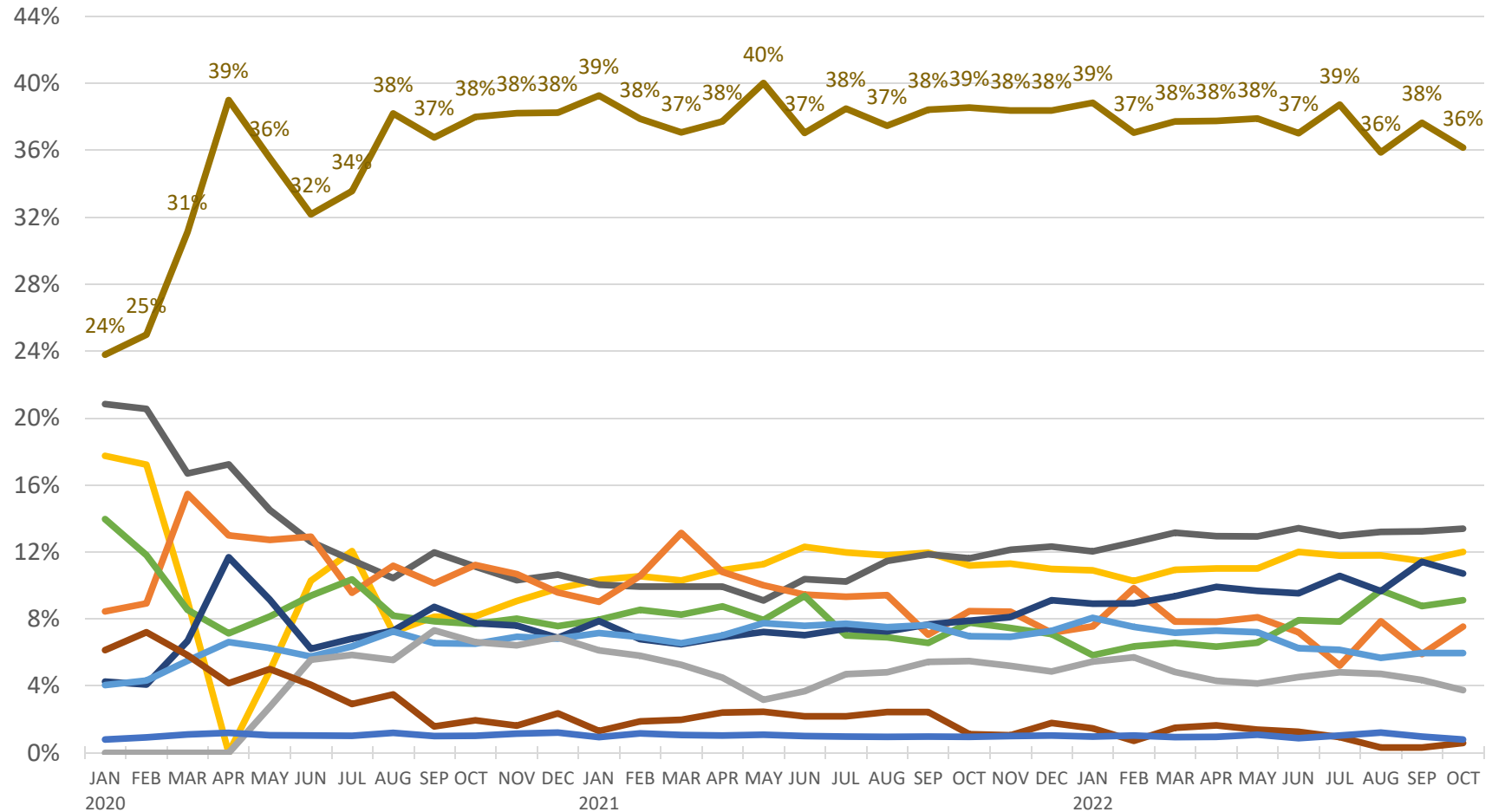
## SYSTEM GROSS HEAT RATE (KWH/Gal) Aug 2015 - Oct 2022





## Customer Service (Administration Division)

Percentage of transactions by collection point  
January 2020 - October 2022

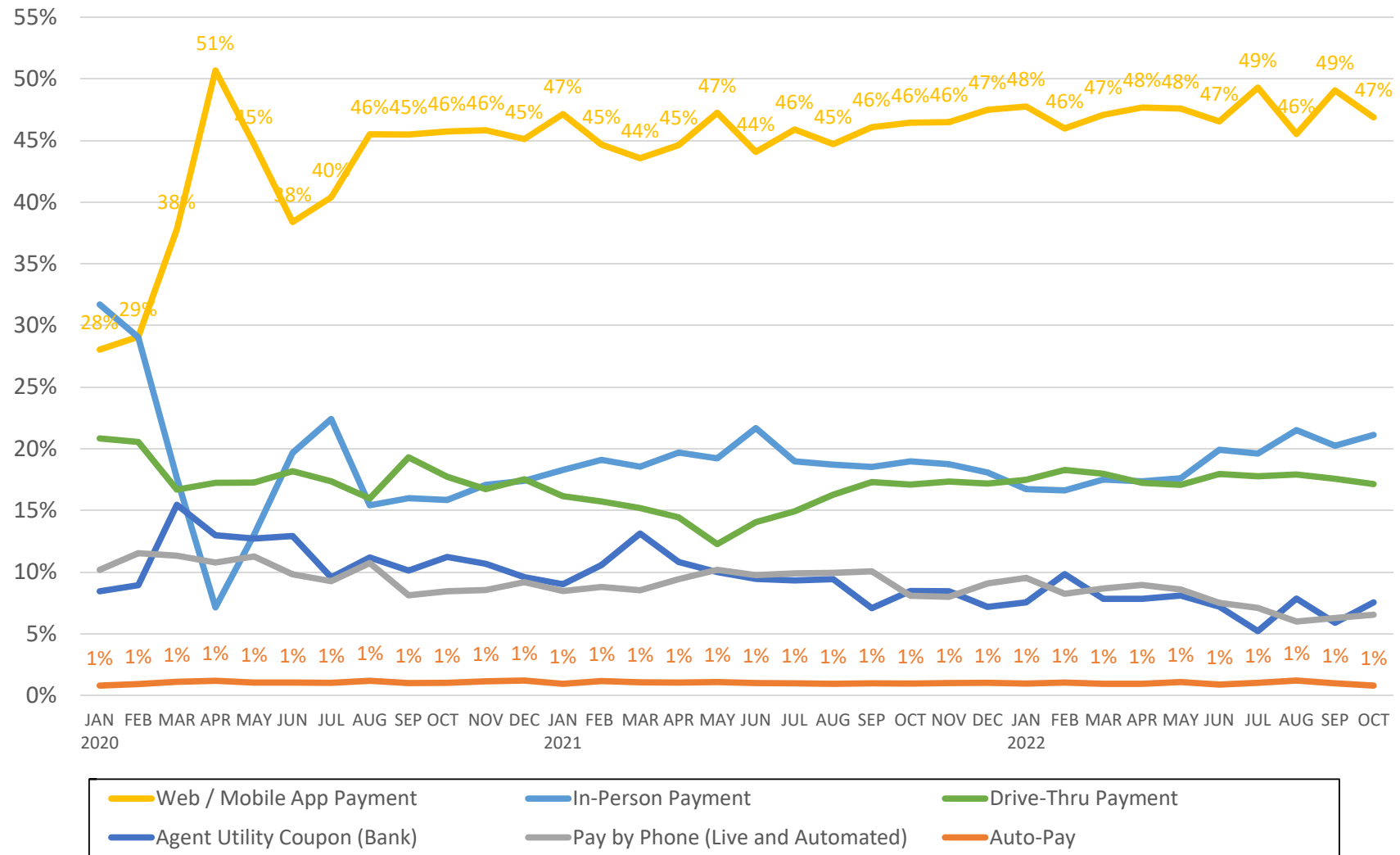


## Customer Service (Administration Division)

### Percentage of transactions by collection platform type

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

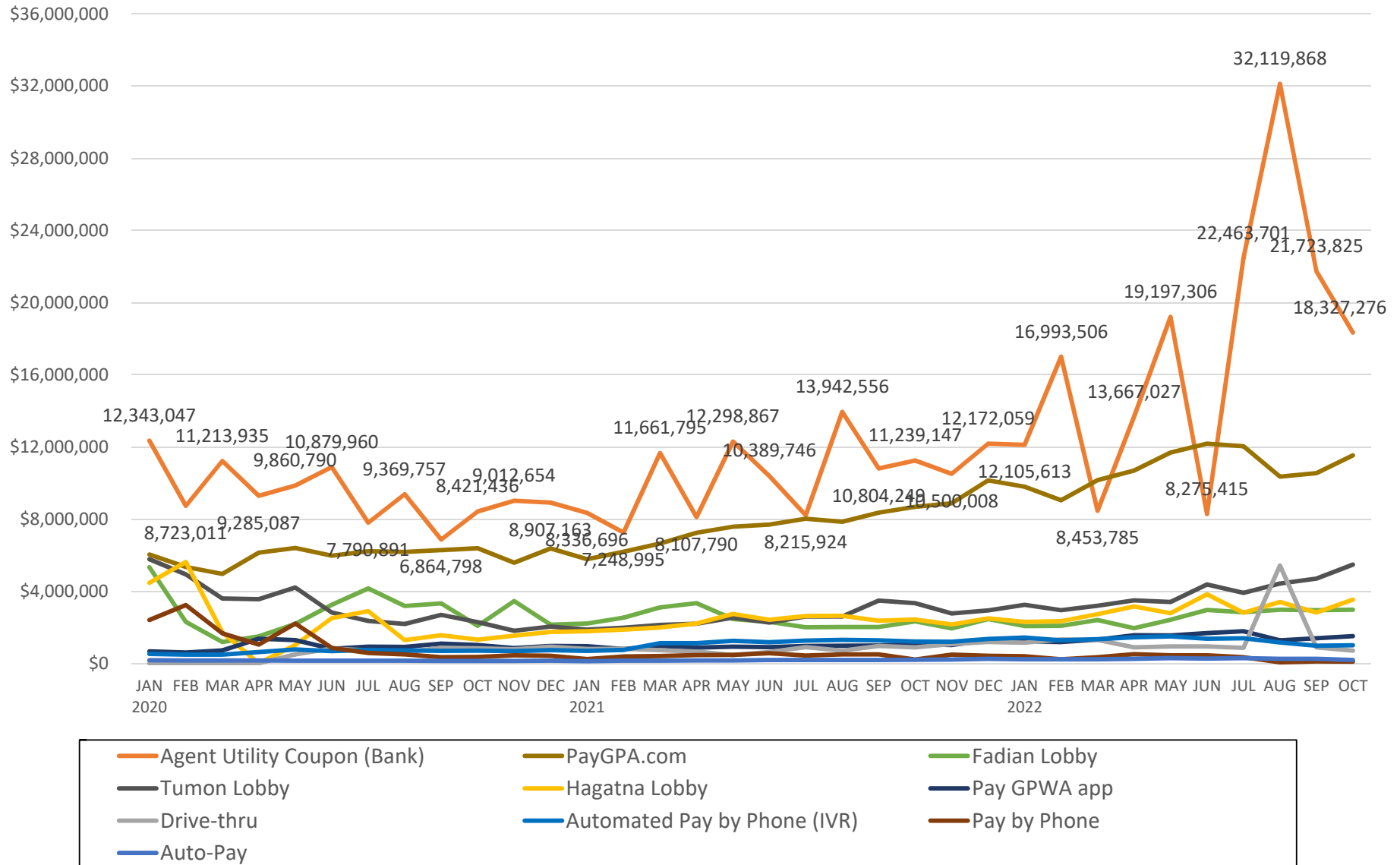
January 2020 - October 2022



## Customer Service (Administration Division)

Dollar amount collected per collection point

January 2020 - October 2022



## Customer Service (Administration Division)

Reason for Visit by Location

October 2022



### Top 5 Reasons for Visit by Location

#### Hagatna

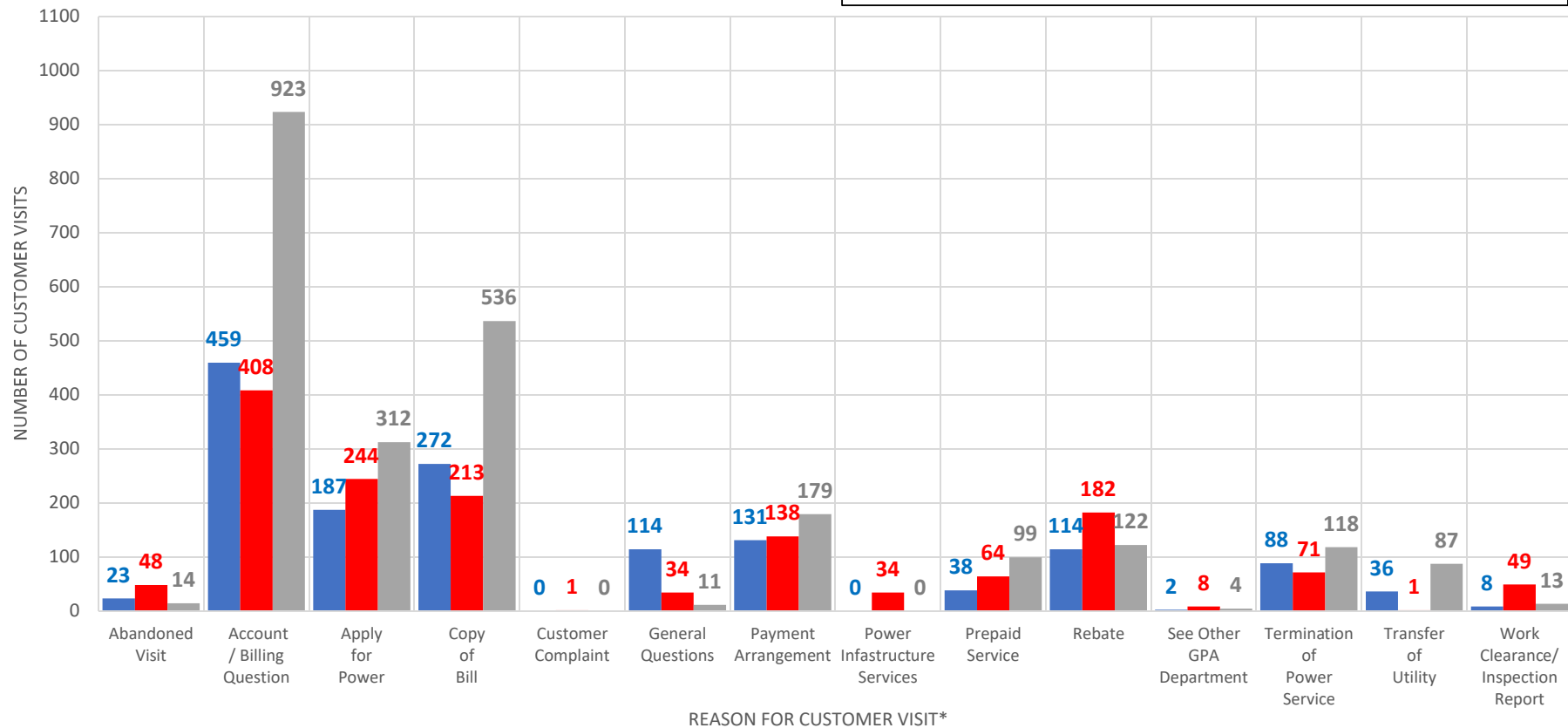
1. Acct / Billing Question
2. Copy of Bill
3. Apply for Power
4. Payment Arrangement
5. Rebate

#### Fadian

1. Acct / Billing Question
2. Apply for Power
3. Copy of Bill
4. Rebate
5. Payment Arrangement

#### Tumon

1. Acct / Billing Question
2. Copy of Bill
3. Apply for Power
4. Payment Arrangement
5. Rebate

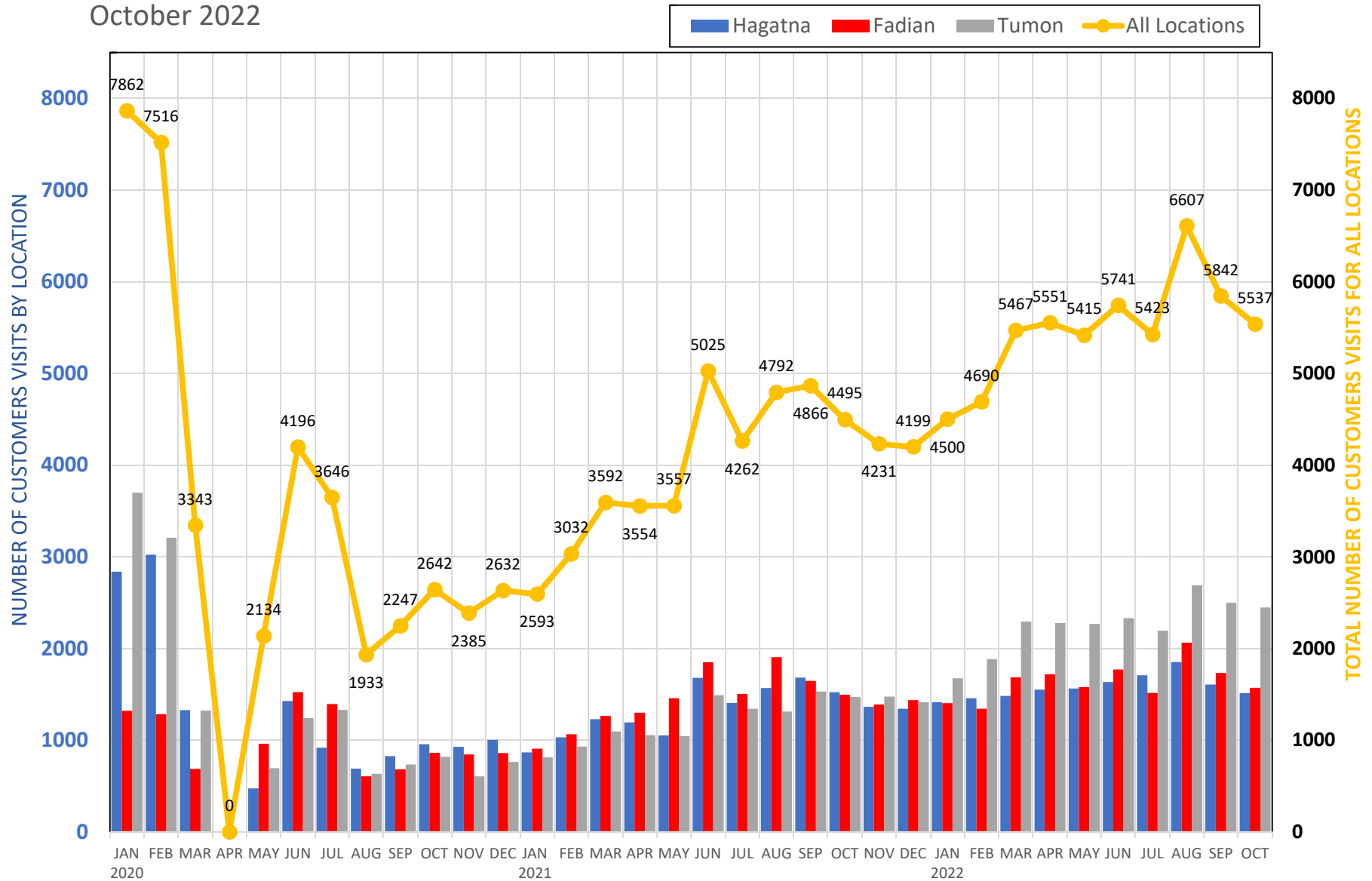


\*Each count per **Reason for Customer Visit** represents a customer who visits one of our lobbies. During their visit, the customer will only be counted once, regardless of the number of services provided to the customer. Their reason for visit will be coded based on their initial or primary reason 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)

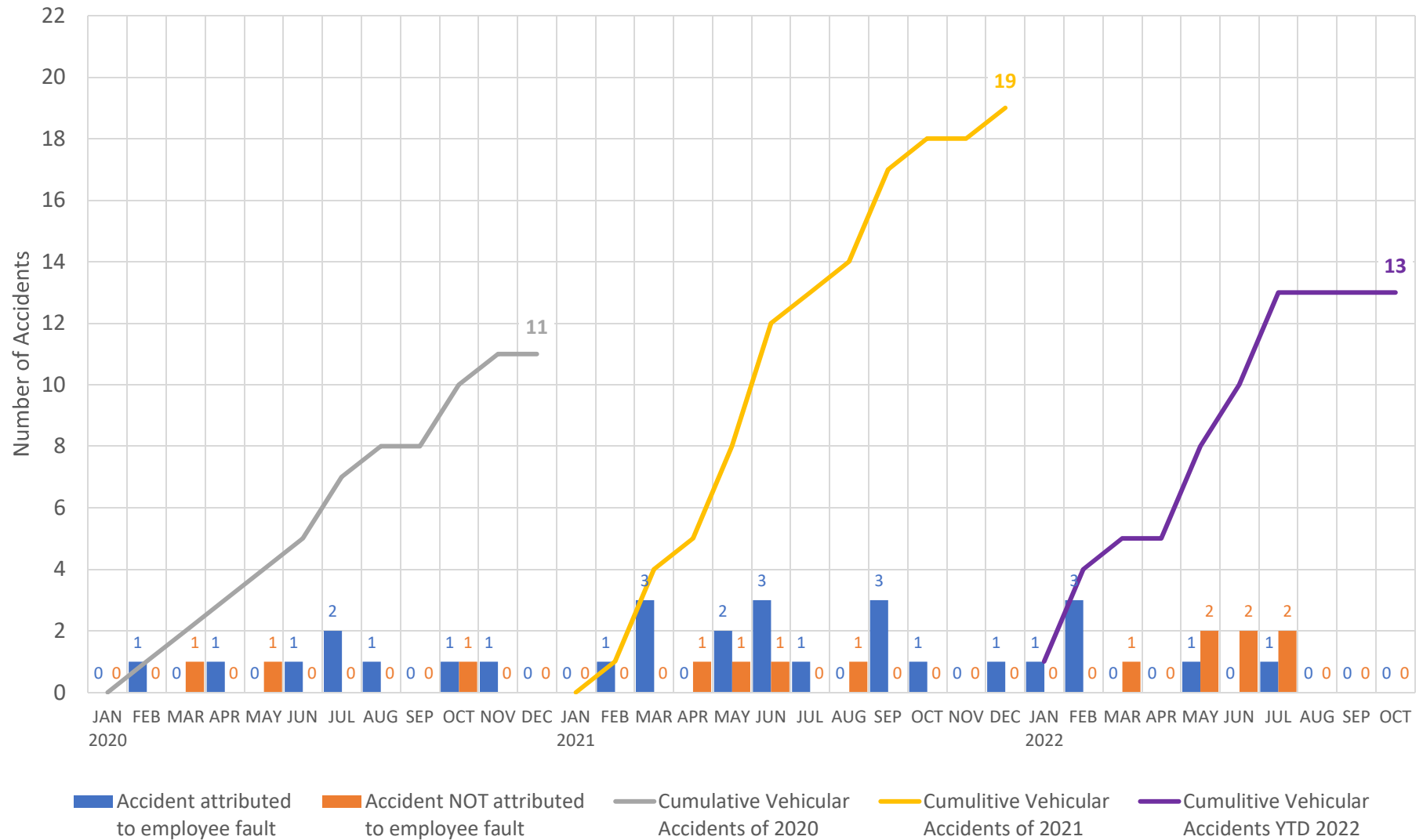
October 2022





## Safety (Administration Division)

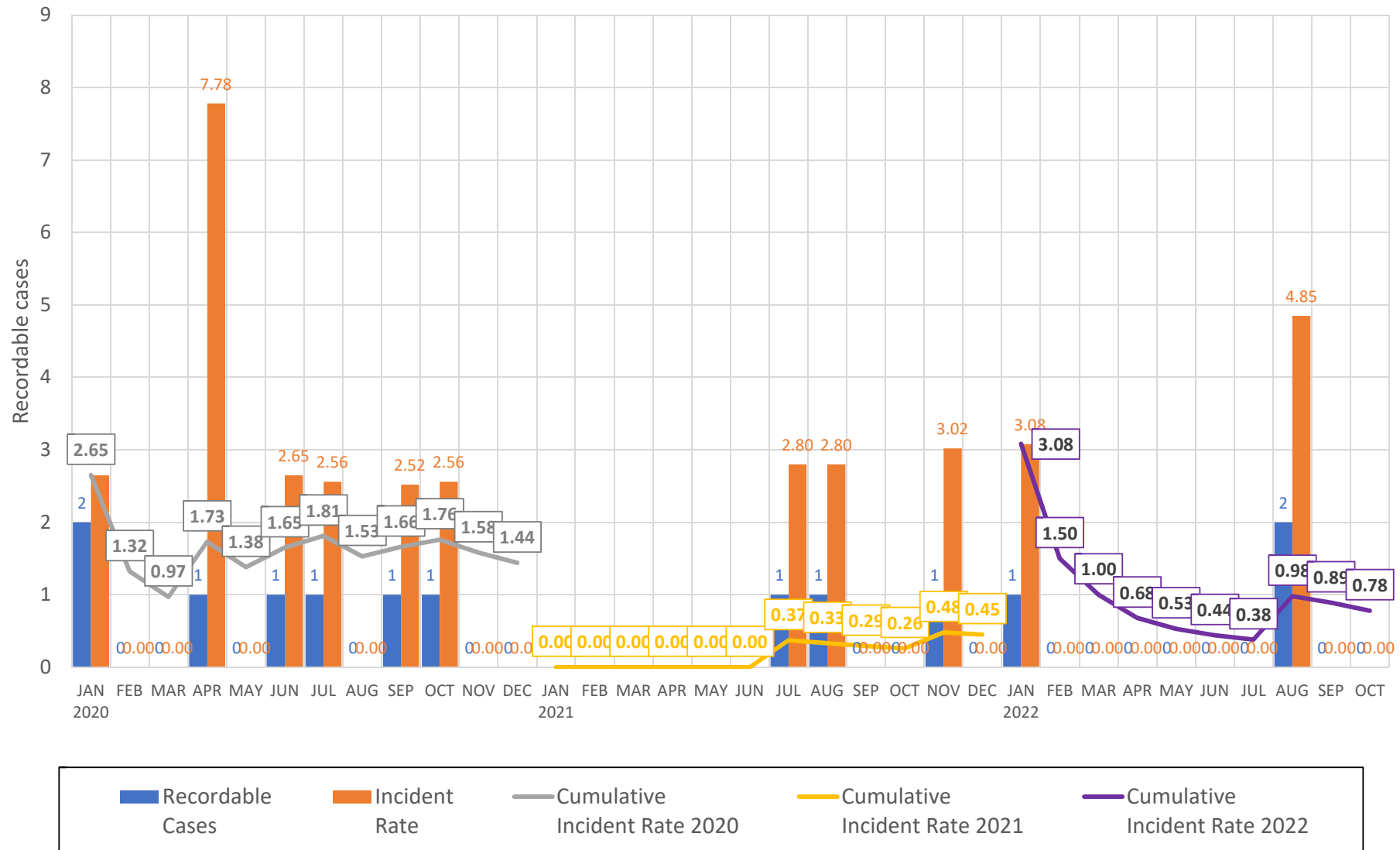
### Vehicular Accidents October 2022



# Safety (Administration Division)

## Incident Rate

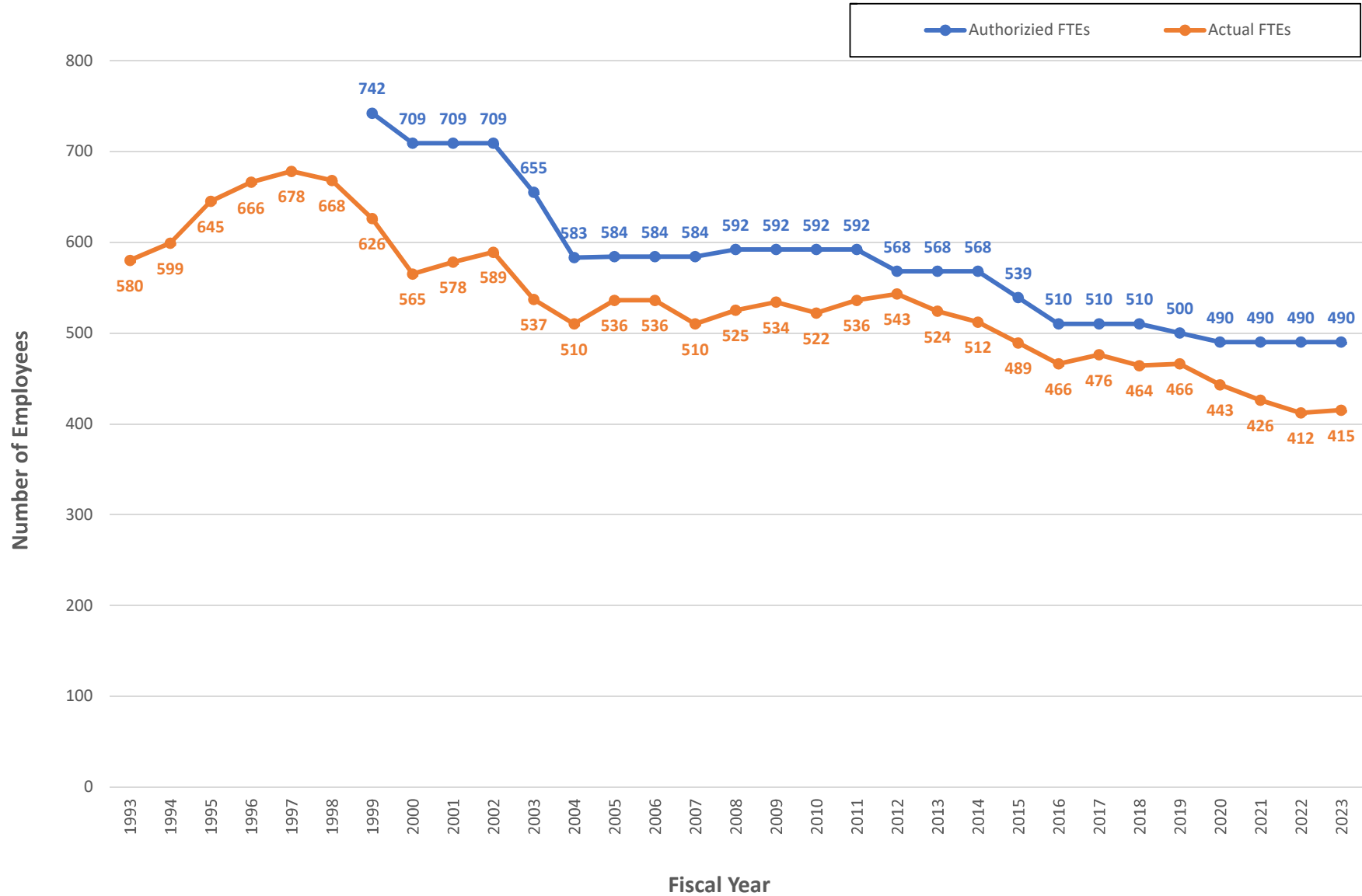
October 2022



## Human Resources (Administration Division)

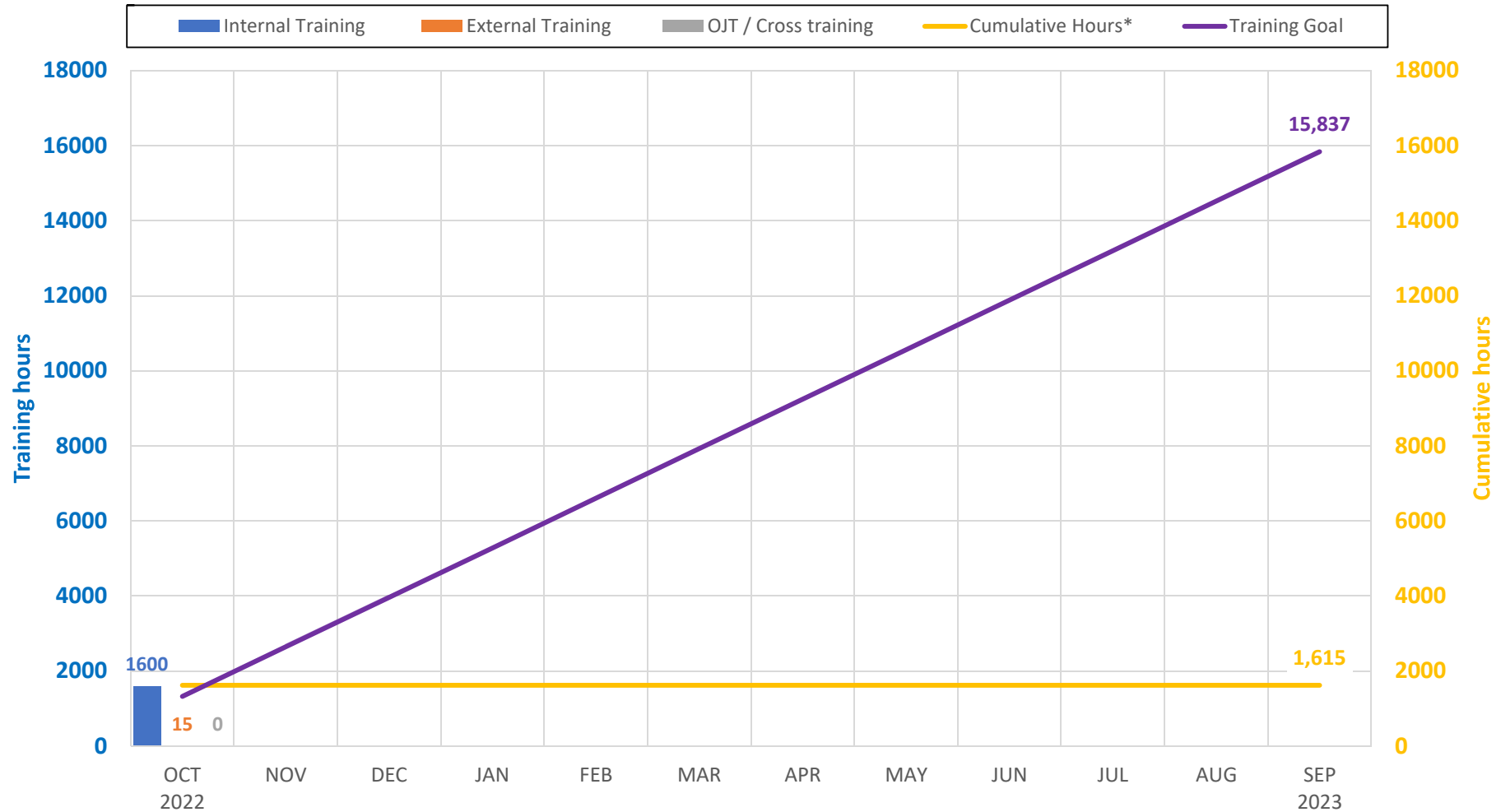
Full-time Equivalency (FTE)

October 2022 (FY 2023)



## Human Resources (Administration Division)

### Cumulative Training Hours for Fiscal Year 2022 as of October 2022



\*For Fiscal Year 2023, the training goal has been set at 15,837 hours, 2% of total straight (791,837 hours) worked for FY 2022. As of October 2022, GPA has achieved 10.20% progress towards its cumulative hours training goal.

**Human Resources** (Administration Division)

## Attrition listing

1<sup>st</sup> Quarter – FY 2023

Probational Appointments				
Date of Hire	Name of Employee	Position reclassified to	Section	Division
October 24, 2022	Lizza S. Tuncap	Customer Service Representative	Credit & Collections	AGMA
October 24, 2022	Beatrice F. Bato	Customer Service Representative	Business Office	AGMA
October 24, 2022	Brian J. San Nicolas	Engineer I	SPORD	AGMETS
October 26, 2022	Ervin E. Pascual	Engineer I	Planning & Regulatory	AGMETS
October 31, 2022	Lemuel N. Sumadsad	Engineer II	SPORD	AGMETS
October 31, 2022	Michael Louie S. Kasala	Engineer I	Planning & Regulatory	AGMETS
October 31, 2022	Johanes E. Eaton	Storekeeper II	Dededo Warehouse	AGMA

Unclassified Appointments				
Date of Appointment	Name of Employee	Position reclassified to	Section	Division
October 1, 2022	Barbara M. Reyes	Customer Service Representative	Business Office	AGMA
October 1, 2022	Vladimir Y. Navasca	Help Desk Technician	IT	AGMETS

## Human Resources (Administration Division)

### Attrition listing

1<sup>st</sup> Quarter – FY 2023

#### Resignation / Separations

Date of Resignation/ Separation	Name of Employee	Position	Section	Division
October 26, 2022	Reuben T. Watson	Storekeeper II	Dededo Warehouse	AGMA
October 27, 2022	Daryl H. Aguon	Trouble Dispatcher	Power System Control Center	AGMO

#### Retirements

Date of Retirement	Name of Employee	Position	Section	Division
October 7, 2022	Bernadette L. Sablan	Board Secretary	Executive	Board
October 8, 2022	Ramonchito Soriano	HVCS – Electrician Leader	Underground/T&D	AGMO

**Procurement** (Administration Division)Notable **RFP** monthly status update

October 2022

<b>RFP NO.</b>	<b>DESCRIPTION</b>	<b>DATE ADVERTISTED</b>	<b>RFP Closing</b>	<b>STATUS</b> (as of 10/31/2022)
RE-SOLICITATION GPA-RFP-21-010	Engineering, Procurement & Construction Management (EPCM) Contract	03/24/2022 03/31/2022	05/06/2022 @ 4pm	In progress: Pending PUC approval.
GPA-RFP-22-003	Customer Information System (CIS)	04/21/2022 04/28/2022	05/19/2022 @ 4pm	In progress: Contract review in progress
GPA-RFP-22-004	Utility Resource Planning Software	04/21/2022 04/28/2022	05/19/2022 @ 4pm	In progress: Pending review of price proposal clarification
GPA-RFP-22-005	GPA Independant Financial Audit Services	07/28/2022 08/04/2022	09/01/2022 @ 3pm	In progress: Negotiation in progress

**Procurement** (Administration Division)Notable **IFB** monthly status update

October 2022

IFB NO.	DESCRIPTION	DATE ADVERTISTED	BID OPENING	STATUS (as of 10/31/2022)
Re-bid GPA-043-21	Protection Relays	07/12/2022 07/19/2022	08/03/2022 @ 11am	In progress: Under evaluation
Re-bid GPA-045-21	Integrated Communications Optical Network	07/12/2022 07/19/2022	08/10/2022 @ 10am	In progress: Under evaluation
Re-bid GPA-028-22	Streetlight Heads	07/19/2022 07/26/2022	08/09/2022 @ 10am	In progress: Under evaluation
Re-Bid GPA-036-22	Removal and Assembly of a New Gas Turbine Exhaust Plenum	05/19/2022 05/26/2022	07/14/2022 @ 10am	In progress: Amendment IV – bid opening date 11/07/2022
Re-bid GPA-037-22	Plant Service Air Compressors	07/28/2022 08/04/2022	08/11/2022 @ 10am	In progress: Pending cancellation memo from Evaluation Committee
Re-bid GPA-038-22	Liquid Fuel Flow Divider	07/28/2022 08/04/2022	08/11/2022 @ 2pm	In progress: At Budget
GPA-043-22	Laptops	06/23/2022 06/30/2002	07/12/2022 @ 2pm	In progress: At Budget
GPA-045-22	Rugged Tablets	06/28/2022 07/05/2022	07/13/2022 @ 2pm	In progress: At Budget
GPA-046-22	Pole Mounted Transformers	06/23/2022 06/30/2022	07/13/2022 @ 11am	In progress: Pending Engineering approval of drawings before release of OP.
GPA-047-22	Wire	07/12/2022 07/19/2022	08/04/2022 @ 10am	In progress: PO released on 11/03/2022
GPA-048-22	Power Multi-function Measuring Instrument (PMM-1)	07/12/2022 07/19/2022	08/17/2022 @ 10am	In progress: At Budget



**Procurement** (Administration Division)

Notable **IFB** and **MS Bid** monthly status update  
October 2022

IFB NO.	DESCRIPTION	DATE ADVERTISTED	BID OPENING	STATUS (as of 10/31/2022)
GPA-050-22	Piti 7 Fire Protection and Smoke Alarm System (Design) Build	08/25/2022 09/01/2022	10/11/2022 @ 10 am	In progress: Bid opening scheduled for 11/14/2022
GPA-051-22	Piti 7 Gas Turbine Power Plant with the Replacement of New and/or Refurbished Starting Diesel Engine	07/28/2022 08/04/2022	08/25/2022 @ 10 am	In progress: Bid opening scheduled for 11/22/2022
GPA-052-22	Miscellaneous Electrical Materials	08/23/2022 08/30/2022	09/14/2022 @ 2 pm	In progress: Pending evaluation
GPA-053-22	Pad Mounted Transformer	08/11/2022 08/18/2022	08/30/2022 @ 10 am	In progress: 14-day protest period
GPA-054-22	Pad Mounted Transformer	08/23/2022 08/30/2022	09/07/2022 @ 10 am	In progress: Under evaluation
GPA-056-22	Local Courier Services	09/20/2022 09/27/2022	10/04/2022 @ 11 am	In progress: 14-day protest period
GPA-057-22	Wires	08/30/2022 09/06/2022	09/14/2022 @ 10 am	In progress: Pending evaluation
GPA-058-22	Armored Vehicle, Armed Uniform Security Officers, Cash Pickup and Delivery Services	08/25/2022 09/01/2022	09/13/2022 @ 10 am	In progress: 14-day protest period
GPA-059-22	Fadian UPS Battery Replacement	09/01/2022 09/08/2022	09/22/2022 @ 10 am	In progress: At Budget
GPA-060-22	Pig Tails, Patch Cord, Optics Cables & Fuse Connects	10/18/2022 10/25/2022	11/15/2022 @ 2 pm	In progress: Bid opening scheduled for 11/15/2022

**Procurement** (Administration Division)

Notable **IFB** and **MS Bid** monthly status update  
October 2022

IFB NO.	DESCRIPTION	DATE ADVERTISTED	BID OPENING	STATUS (as of 10/31/2022)
GPA-061-22	Pad Mounted Transformers	10/11/2022 10/18/2022	10/26/2022 @ 10 am	In progress: Bid opening scheduled for 10/26/2022
GPA-062-22	Definite Quantity Contract for Payroll Statement Forms/Check Stub Forms	10/15/2022 10/25/2022	11/01/2022 @ 11 am	In progress: Bid opening scheduled for 11/01/2022
GPA-002-23	Fleet & Fuel Management Software Services for GPA & GWA	10/25/2022 11/01/2022	11/10/2022 @ 10 am	In progress: Bid opening scheduled for 11/10/2022
GPA-004-23	Pad Mounted Transformers	10/25/2022 11/01/2022	11/09/2022 @ 10 am	In progress: Bid opening scheduled for 11/09/2022
Re-Bid MS-GPA-012-22	Diesel Fuel Oil No.2 for GPA's Water Systems Distribution (WSD) and GWA Emergency Generators	03/17/2022 03/24/2022	STEP 1 04/29/2022 @ 2 pm	In progress: Pending insurance requirement
Re-bid MS-GPA-015-22	Performance Management Contract for the GPA Fuel Bulk Storage Facility	06/02/2022 06/09/2022	STEP 1 09/23/2022 @ 4 pm	In progress: Pending evaluation
MS-GPA-042-22	Fadian Public Parking Lot Solar Canopy	08/09/2022 08/16/2022	12/02/2022 @ 2 pm	In progress: Amendment IV bid opening scheduled for 12/02/2022
MS-GPA-001-23	Broker Service & Pollution Insurance	10/13/2022 10/27/2022	11/17/2022 @ 2 pm	In progress: Bid opening scheduled for 11/17/2022

## Procurement (Administration Division)

### Bid Protests & Appeals Status

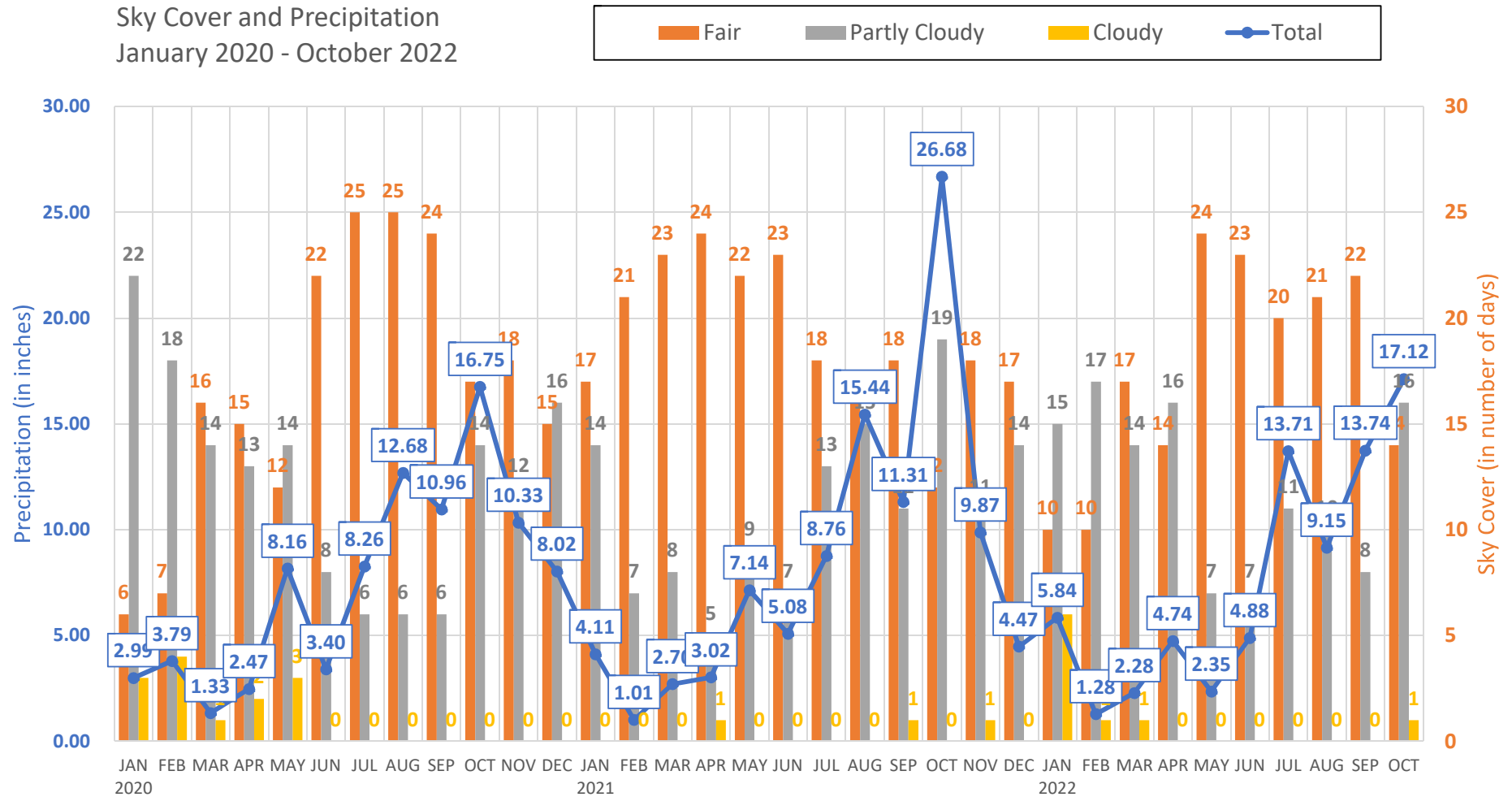
October 2022

	IFB, MS BID, or RFP	BID NUMBER	DESCRIPTION	FILER	Stay of Procurement Issue Date	Stay of Procurement Lift Date	Status/Comments
<b>PROTESTS</b>	IFB	GPA-IFB-081-18	2018, 2-Wheel Steel Body Step Van	Morricono	05/01/2018		Roberts Fowler & Visosky Office filed protest
	IFB	GPA-IFB-081-18	2018, 2-Wheel Steel Body Step Van	Morricono	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, MS BID, or RFP	BID NUMBER	DESCRIPTION	OPA or Civil Case No.	Notice of Appeal Receipt Date	Notice of Appeal Hearing Date	Status/Comments
<b>APPEALS</b>	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

## Guam Climate Summary

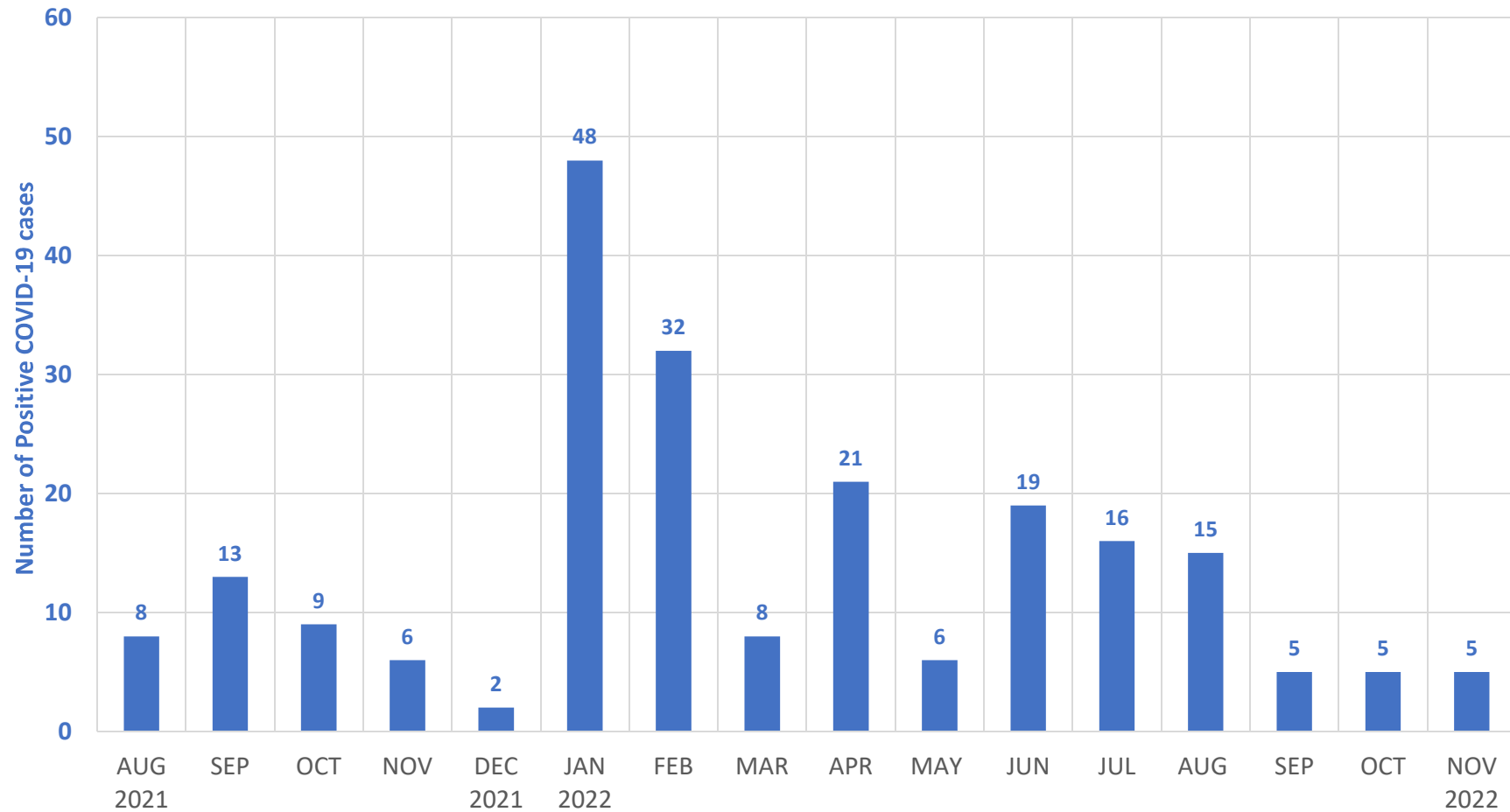
Sky Cover and Precipitation  
January 2020 - October 2022



		Temperature (in Fahrenheit)			Precipitation (in inches)		Sky Cover (in days)			Weather Conditions (no. of days with)						Weather Event	
Month	Year	High	Mean	Low	Total	Greatest 24-hour	Fair	Partly Cloudy	Cloudy	Thunder storm	Heavy Rain	Rain	Light Rain	Fog	Haze	Name	Day
OCT	2022	89	80.5	73	17.12	3.18	14	16	1	5	14	21	30	0	0	n/a	n/a

## Number of Positive COVID-19 cases per month

August 1, 2021 - November 15, 2022



# E&TS Divisional Report Summary

October 31, 2022

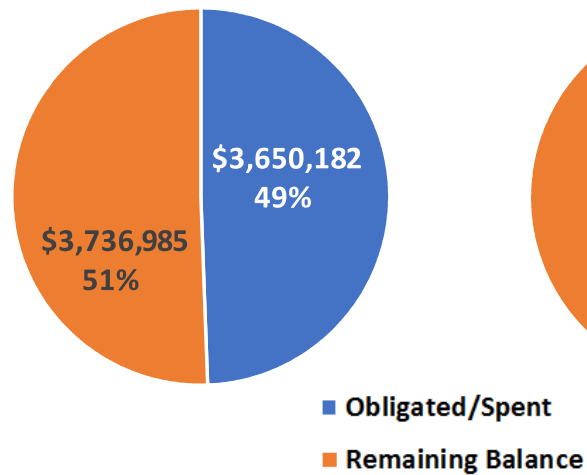
# Contents

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

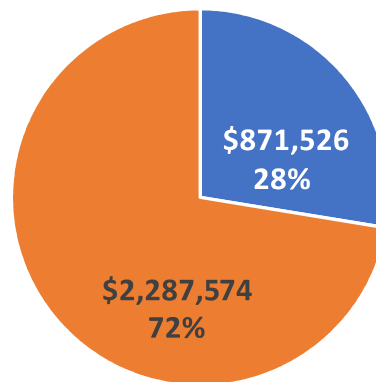


# E&TS Budget Execution Performance

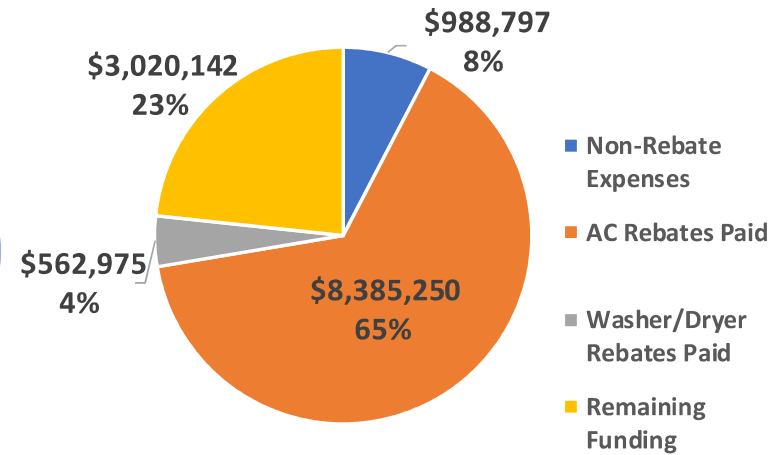
E&TS O&M Contract Budget



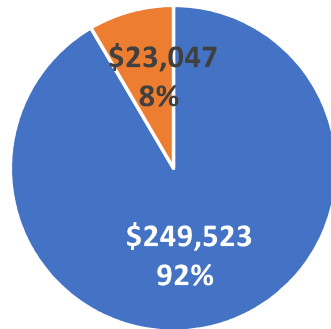
E&TS CIP Budget



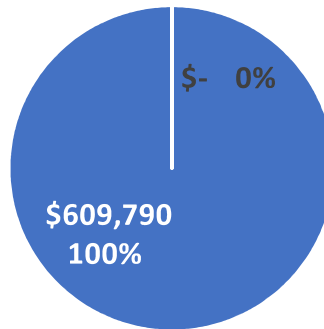
OCT 2016 to OCT 2022 DSM EXPENSE SUMMARY



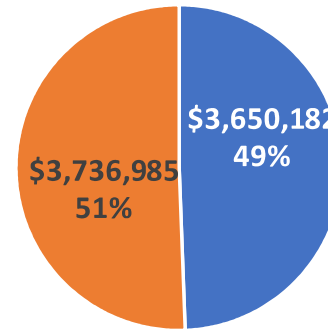
ENG O&M Contract Budget



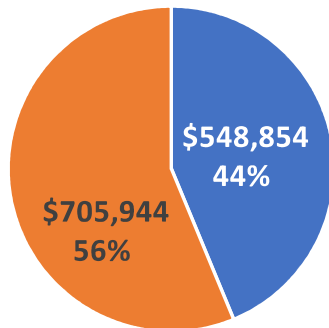
SPORD O&M Contract Budget



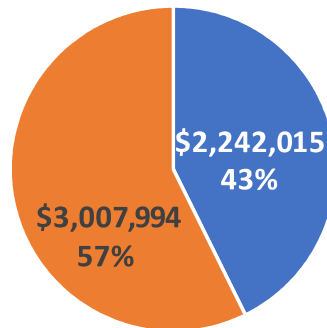
E&TS O&M Contract Budget



P&R O&M Contract Budget

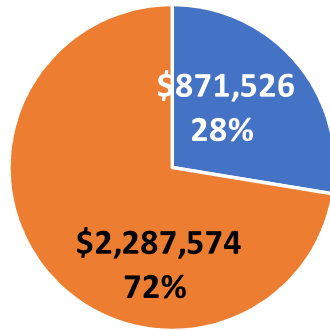


IT O&M Contract Budget

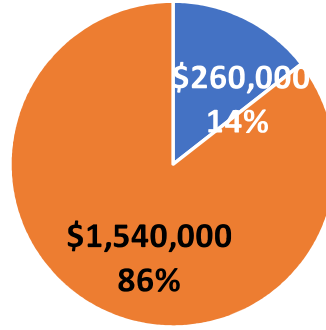


■ Obligated/Spent  
■ Remaining Balance

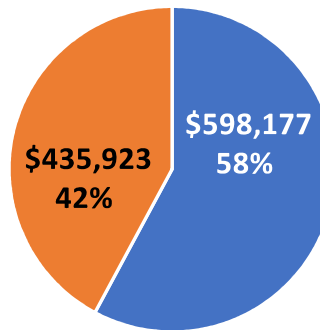
E&TS CIP Contract Budget



SPORD CIP Budget



IT CIP Budget



■ Obligated/Spent  
■ Remaining Balance

# FY 2022 Procurement Status

Business Unit	Current Type					Current Status			Planned			
	RFP	Bid	Multistep Bid	Total	Resolicited	QBL Established	Evaluation Completed	Award/NTP	RFP	Bid	Multistep Bid	Total
<b>SPORD</b>	4		3	7	1				2		3	5
<b>Engineering</b>				0								0
<b>SPORD/Engineering</b>				0								0
<b>IT</b>	1	2		3					1	2		3
<b>P&amp;R</b>	3		1	4			1					0
<b>Total</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>

# Environmental Compliance

## P&R Inspections Status Ending October 31, 2022

Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	2
		Remediations Past Due	30
		Remediations Not Past Due	2
	T&D	New Violation Notifications Issued	1
		Remediations Past Due	1
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	1
		Remediations Past Due	8
		Remediations Not Past Due	0

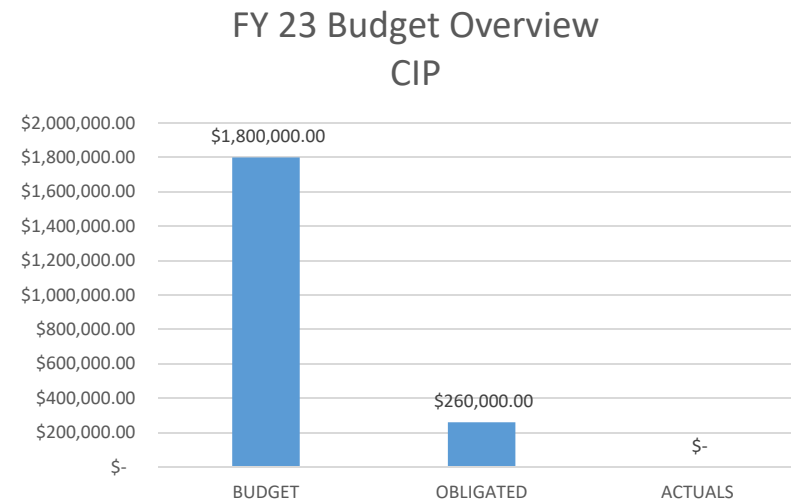
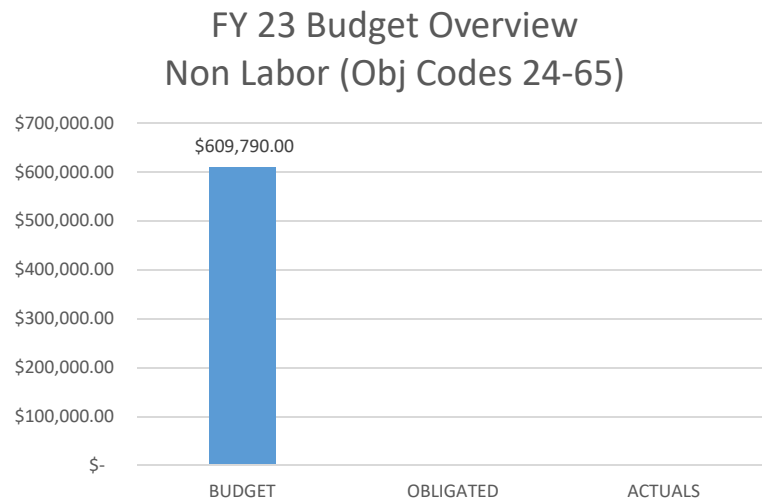
- SPCC rule purpose is to help facilities prevent oil discharges into navigable waters or adjoining shorelines
- BMP refers to a type of auxiliary pollution controls in the fields of industrial wastewater control and municipal sewage control, storm water management, and wetland management

\* Pending Update

# SPORD CCU Report

October 31, 2022

# SPORD FY 2023 Budget Status



*\*Excludes DSM & Major Contracts (IPP, PPA, Fuel)*

*\*Posting/Processing of some requisitions and invoices thru October 2022 may be pending.*



# SPORD FY 2023 Budget Status

- Major Contracts (Non-O&M)

Contract Description	Budgeted Amount	Committed Amount	Actuals	PO Balance
Fuel Contracts	\$ 236,432,000	\$ 210,364,028	\$ 58,517,303	\$ 186,984,056
MEC IPP (Piti 8&9)	\$ 21,729,201	\$ 19,286,957	\$ 956,446	\$ 18,330,510
Glidepath Contract (Renewable)	\$ 10,180,072	\$ 10,180,072	\$ 145,311	\$ 10,034,761
KEPCO Solar Contract (Renewable)	\$ 12,760,000	\$ 12,760,000	\$ 769,105	\$ 11,990,895

*\*Posting/Processing of some requisitions and invoices thru October 2022 may be pending.*

## PROCUREMENT ACTIVITIES

## PENDING AWARD / NTP

Responsible	PROJECT	Description	CCU Date Approved (Resolution No.)	PUC Date Approved (Docket No.)	Projected Start*	Projected Completion	Status
SPORD (JGS)	EPCM	Engineering, Procurement & Construction Management (for Ukudu Power Plant)	10/25/2022 (FY2023-01)	Pending	12/1/2022	12/2025 (Base Term)	Pending PUC Approval

## ONGOING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (ANF)	FUEL	GPA Bulk Fuel Storage Facility PMC	MS Re-Bid	GPA-015-22	06/02/22	10/21/2022	Step 1 (Technical Proposal) review in progress
SPORD (JTL)	PLANNING SOFTWARE	Utility Resource Planning Software (CIP)	GPA-RFP-22-004	FY 2023	FY 2023	6/23/2022	Price Proposal Evaluation on-going and pending response from vendor on committee's clarification questions.
SPORD(CNC)	MWMS	Clevert Mobile Workforce Management Software Services	RFP	GPA-RFP-22-006	11/1/2022	12/2/2022	Re-Bid
SPORD(JUM)	SCADA	DNP3 Secure Authentication Services	RFP	GPA-RFP-22-007	8/11/2022	11/14/2022	Due date extended another 3 weeks
SPORD (JTL/MNM)	RENEWABLES	Installation of Solar Canopy at Fadian Public Parking Area	MS Bid	MS GPA-042-22	8/9/2022	9/21/2022	Bid submittal due date extended to 12/2/22.

## DEVELOPING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Projected Start	Projected Completion	Status
SPORD (LOS)	RENEWABLES	Phase IV Renewable Resource Acquisition	MS Bid	FY 2022	FY 2023	Bid package submitted to Procurement. Pending announcement date from Procurement.
SPORD (RAC)	SCADA	Replicated Database	RFP	TBD	TBD	Developing Scope of Work & RFP Documents (No budget this fiscal year)
SPORD (JTL)	ESS	Standby Generator & Automatic Transfer Switch for Talofofo ESS	RFP	FY 2023	FY 2023	RFP package pending, need management approval prior to submittal to PMM for advertisement.
SPORD (ANF)	FUEL	RFO Inspection and Testing Services	MS Bid	May-22	Dec-22	Bid Package Preparation In Progress.
SPORD (LOS)	IPP/PMC	Piti 8&9 PMC	MS Bid	FY 2023	FY 2023	Bid package in development.

No.	Project Description	October 2022 Activities	Status / Est. Completion
1	Energy Storage System (Phase I)	Annual maintenance performed in May 2022. Additional annual maintenance performed in November 2022. Weekly, monthly and quarterly maintenance inspections for the Agana and Talofofo ESS sites were completed. Review of reports are on-going. Additional PCS repairs and annual performance test are expected to be completed in November 2022.	O&M phase on-going.
2	Renewable Energy Resource Phase II	<p><b>KMS</b></p> <ul style="list-style-type: none"> <li>- Samsung completed majority of punchlist items. As-built drawings and test reports are pending.</li> <li>- Final Bill of Sale is pending the Interconnection subdivision map currently under DLM review.</li> <li>- Final Certificate of Occupancy for Permit Package 1, 2, and 3 is approved.</li> </ul> <p><b>Hanwha</b></p> <ul style="list-style-type: none"> <li>- Hanwha continues to evaluate project. Hanwha has pointed out the cost of the project has significantly increased due to material and labor cost has gone up.</li> </ul>	<p>KEPCO PV plant COD was June 20, 2022.</p> <p>Hanwha's COD is extended from Aug 22, 2022 to Dec 22, 2023.</p>
3	New Power Plant Bid (EPCM)	<p>Progress includes:</p> <p><b>GWA</b> - GWA/Doosan have concurred on use of GWA water supply to support fire protection system which has been incorporated into the plant design.</p> <p><b>Pipeline Activities</b></p> <ul style="list-style-type: none"> <li>- Pigging of existing line from Piti to Airport Road (approximate) has been completed. All existing aboveground piping that was to be removed is completed. Abandonment plan for Route 16 to Route 34 under review with GEPA.</li> <li>- Construction of the new pipelines initiated in June. 100M test area near Chaot Bridge is completed. Work continues along Airport perimeter towards post office, Nimitz area and along Route 8 towards the post office.</li> </ul> <p><b>EPCM Contract</b> - Resolicitation of EPCM RFP is in progress (pending PUC review/approval). Current contract was extended to December 2022 pending new contract approvals and final award.</p> <p><b>Section 106</b> - Section 106 documents pending final edits/review with Navy and SHPO</p> <p><b>Ukudu Construction Activities</b> - Several areas within the plant area are progressing including foundations for fuel tanks, HRSG buildings, gas turbines and steam turbine buildings. Control and Electrical building steel frames are being installed as well as steel walls on the water tanks.</p> <p><b>Design Activities</b> - KEPCO/Doosan continues to submit power plant switchyard and Harmon interconnection and pipeline design drawings for review.</p>	ECA Project COD - Target: April 2024

No.	Project Description	October 2022 Activities	Status / Est. Completion
4	DSM Marketing	- Stern kits were provided to Benavente Middle School. Ongoing support for customer energy savings tips.	Continuous
5	DSM Rebate Program	Processed 362 applications for rebates totaling \$286K in the reporting period	Continuous
6	Wireless Network Expansion	1. Testing Sim card Router communications ongoing 2. IP Phone Communications to Yigo CT completed 3. Communications to Tiyan Substation Completed	Dec-22
7	Smartworks MDM and Eportal	1. Data Migration from Oracle to <b>Postgres</b> Planned on Nov-22 (Upgrade to latest version pre-requisite) ongoing - Pending Linux OS 2. Integration to MV90 requirements gathering ongoing	Dec-22
8	GDOE BEST Schools	<p><b><u>2019 DOI Award Projects:</u></b>  <b>Agueda Johnston Middle School LED Lighting Retrofit (\$586,771) and Maria Ulloa Elementary School LED Lighting Retrofit (\$522,616).</b>            - GPA requested for reallocation/reprogram of funds in excess of Ulloa &amp; Johnston schools updated costs (~\$80,480) for Southern High School exterior HPS lighting fixtures to LEDs and Agueda Johnston SOW modifications. Approval from Department of Interior pending.</p> <p><i>GPA received Authorization to Proceed from DOI on 9/11/20 for Agueda Johnston and Maria Ulloa schools. Guam DOE signed MOAs for both schools on 3/10/21. Notice to Proceed was provided to Siemens on 3/10/21. Both projects were substantially completed in September 2021.</i></p> <p><b><u>2021 DOI Award Projects:</u></b>  <b>University of Guam LED Lighting Upgrades, HVAC Controls, and Solar PV (\$1.29M); Tamuning Elementary LED lighting and Solar PV (\$154k)</b>            - UOG NEPA compliance review completed. GPA received Authorization to Proceed from DOI on 6/9/2022. UOG project kick-off meeting conducted July, 2022            - Material submittals ongoing.</p> <p>- Tamuning Elementary School NEPA compliance review in progress. ETC July 2022. All documents have been forwarded to Dept. Of Interior as required for Authorization fo Proceed. DOI reviewing documents.</p>	Est. Completion: Sep. 2023

No.	Project Description	October 2022 Activities	Status / Est. Completion
9	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	<p>Substation update reports for 6 Substations - (ApraHeights, Dededo, Harmon, Pagat, SanVitores, Yigo)</p> <ol style="list-style-type: none"> <li>1. Distribution Model Corrections submitted for L+G Revision</li> <li>2. FCI and Switch Placement submitted for L+G Revision</li> <li>3. Load Flow Studies submitted for L+G Revision</li> <li>4. Voltage Analysis submitted for L+G Revision</li> <li>5. Demand Response submitted for L+G Revision</li> <li>6. Volt/Var Optimization - for L+G Revision</li> <li>7. Conservation Voltage Reduction - for L+G Revision</li> <li>8. DER - L+G working on</li> </ol> <p>Additonal 4 Substation reports ongoing (Agana, Barrigada, Pulantat, Talofofo)</p>	Continuous
10	MEC Piti & #8 and #9 - ECA Extension	<p>Contract Extension commenced 12:00 Noon January 29, 2019. (No issues)</p> <p>Review and adjustment of Recapitalization Projects in-progress. (No issues)</p> <p>ULSD Conversion CIP on-going and pending conversion of ULSD Storage Tank #2. MEC 8 conversion completed in July 2022. MEC 9 conversion completed in September 2022.</p>	IN PROGRESS
11	EV Infrastructure	<p>Fast charge station scope for Mangilao offices.</p> <p>Developing fast charge station scope for Mangilao offices.</p>	On-Hold
12	Utility Energy Services Contract (UESC)	<p>UOG Funded Project - UOG working to finalize its credit agreement with the BOG and requires Governor approval/signature. UOG-GPA amended MOU is pending AG approval/signature.</p> <p>Grant Funded Project - GPA completed technical submittals for review.</p> <p>Navy PA - draft Preliminary Assessment completed. Schedule for presentation to Navy is pending.</p>	Ongoing
13	GPA Fuel Farm ULSD Pipeline Upgrade	c/o Engineering Project Mgt. ULSD Pipeline to MEC 8&9 completed in June 2022. Final connections to the bulk storage tanks 1934 & 1935 will be done after tank inspections and repairs.	<p>Project Timeline:</p> <p>Estimated Start: Jan 2020</p> <p>Est. Completion: Dec 2021-Sep 2022</p>
14	Tk 1934 & Tk1935 API 653 Internal Inspection	c/o Engineering Project Mgt. Implementation in progress. Delays were experienced for Tank 1935 due to COVID and sludge processing however the total project schedule may still be within the projection completion date.	<p>Project Timeline:</p> <p>Estimated Start: Feb 2020</p> <p>Est. Completion: Dec 2023</p>

No.	Project Description	October 2022 Activities	Status / Est. Completion
15	Milsoft Systems Software Services	1. Upgrade of OMS production planned Oct 27 - SQL 2019 installed . Integration to SEL devices ongoing 2. WindMil (Engineering Analysis) Training completed on August 2022	Continuous
16	MV90 Integration Services	Production Implementation Completed. Developing plan for MDMS integration	Oct-21
17	GPA Fuel Farm- OWS Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and repair. Implementation in progress	Project Timeline: Estimated Start: Feb 2020 Est. Completion: Dec 2023
18	GPA Fuel Farm- LD System Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and repair. Implementation in progress	Project Timeline: Estimated Start: Feb 2020 Est. Completion: Dec 2023
19	Utility Resource Planning Software RFP.	Technical Proposals evaluated in August 2022. Price Proposal Evaluation on-going and pending response from vendor on committee's clarification questions.	Planned Completion: 11/30/2022
20	Power System Analyses and Studies	Signed contract and PO Acknowledgement received from S&C.	Estimated Start: TBD Est. Completion: TBD
21	Diesel Supply to Tenjo Vista	Bid Package prepared. Approved by CCU (Resolution 2020-02) and PUC (Docket 20-07). For solicitation.	Project Timeline: Estimated Start: TBD Est. Completion: TBD
22	GPA Fuel Farm Mgt Contract	3rd Year Contract Extension (10/01/21-09/30/22) in progress. 4th year extension (10/01/22-09/30/23) approved by CCU (Resolution 2020-03) and approved by PUC (Docket 22-18)	2-year base period: Completed 09/30/19 1st Year Extn: Completed 09/30/20 2nd & 3rd Extn: Completed 09/30/22 4th Yr Extn: In progress (10/01/20 to 09/30/23)
23	Bulk RFO Supply for Baseload Plants (by Oceantanker)	Contract awarded to Hyundai Corporation Contract Term: 3-year base period: 09/01/20 to 08/31/23 w/ 2 Year Extn Option  GPA received first shipment of 0.2% RFO for Cabras 1&2 consent decree compliance in September.	3-year base period: 9/1/2020-8/31/2023. 1st Year Extension: 09/01/2023-08/31/24

No.	Project Description	October 2022 Activities	Status / Est. Completion
24	Bulk Diesel Supply (by Oceantanker)	Contract awarded to Mobil Oil Guam Contract Term: 2-year base period: 02/01/22 to 01/31/24 w/ 3 Year Extn Option	2-year base period: 2/1/2022-1/31/2024
28	Reliability Studies	SC-MVA final report submitted September 2022.	Est. Completion: 9/30/2022
25	RFO Inspection Services Contract	Contract awarded to Intertek Testing Services (ITS) Guam ContractTerm: 2-year base period w/ 3 Year Extn Option	3-year base period: 6/1/2018-5/31/2021 1st & 2nd Year extension: 6/1/2021 thru 5/31/2023
29	RFO Testing Services Contract	Contract awarded to SGS Guam ContractTerm: 2-year base period w/ 3 Year Extn Option	2-year base period: 9/1/2020-8/31/2022 1st Year extension: 9/1/2022-5/31/2023
30	DSM Digitization	New change order is under review to upgrade applications to accept expanded Large Commercial, Government, and Prepaid applicants. Contract ending 12/2022	Project Start: Sep 2020 Completion: 8/17/2022 Change Order: Dec 2022
31	Diesel Supply (by Roadtanker)- except Tenjo Vista & WSD	Resolution 2021-09 passed by CCU. PUC approved GPA Docket 21-09 (3 consecutive year extension.	2-year base period: 01/01/19-12/31/21 3-Yrs extension: 01/01/22-12/31/24
32	Diesel Inspection & Testing Services Contract	Contract awarded to Intertek Testing Services Guam ContractTerm: 2-year base period w/ 3 Year Extn Option	2-year base period: 12/1/2021-11/30/2024
33	AGMETS Grant Support	BIL – Preventing Outages and Enhancing the Resilience of the Electric Grid formula grants	Shared assignment with EKC SF-424, SF-LLL, and Submission to Portal



# CCU Report- DSM

As of October 31, 2022

# All Expenses – Fiscal Year

Description	FY16	FY17	FY18	FY19	FY20	FY21	FY22	Total to Date
						Posting Thru 9/30/21	Posting Thru 11/08/22	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$162,395.40	\$126,711.34	\$446,950.74
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	-	\$107,854.90	\$183,880.23	\$525,566.18
Ads & Radio Announcements	-	-	-	\$9,000.00	-	-	-	\$9,000.00
Paid Rebates–Split AC	\$154,700.00	\$557,275.00	\$1,349,825.00	\$1,374,650.00	\$1,468,001.00	\$1,855,550.00	\$1,579,649.00	\$8,339,650.00
Paid Rebates– Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$3,900.00	\$9,500.00	\$38,300.00
Paid Rebates– Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$134,497.00	\$159,250.00	\$562,975.00
Paid Rebates–Split AC (Commercial)							\$7,300.00	\$7,300.00
Paid Rebates– Central Ducted AC (Commercial)								\$0.00
<b>Total Expenses</b>	<b>\$200,527.30</b>	<b>\$680,706.05</b>	<b>\$1,554,524.33</b>	<b>\$1,554,690.19</b>	<b>\$1,608,806.18</b>	<b>\$2,264,197.30</b>	<b>\$2,066,290.57</b>	<b>\$9,929,741.92</b>
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$324.50	\$443.80	\$6,558.92
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$545.00	\$1,513.00	\$7,280.32

\*Preliminary Data as of 11/08/22

# DSM Funding

No.	Description	Amount
1	Initial DSM Budget FY 2016	\$1,806,014.00
2	Interest Income	\$6,558.92
3	Bank Fees	\$7,280.32
4	Additional Funding Source	
	2017 Bond Refunding savings	\$1,139,189.00
	FY 2019 Revenue Funding	\$1,031,500.00
	FY 2020 Revenue Funding	\$348,075.00
	FY2020 LEAC (June to September)	\$1,296,397.67
	FY2021 LEAC (October 2020 to September 2021)	\$3,859,302.49
	FY2022 LEAC (October 2021 to September 2022)	\$3,817,840.95
5	Total Expense FY2016– FY2020 (Ending May 2020)	<b>\$4,355,078.30</b>
6	Total Expense FY2020 – FY2022 (June 2020 to July 2022)	<b>\$5,574,663.62</b>
	<b>DSM Ending Balance – LEAC Funds</b>	<b>\$3,367,855.79</b>

*\*Preliminary Data as of 11/08/22*

## FY 2020- Rebate Amount Paid Monthly

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

## FY 2021- Rebate Amount Paid Monthly

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

## FY 2022- Rebate Amount Paid Monthly

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

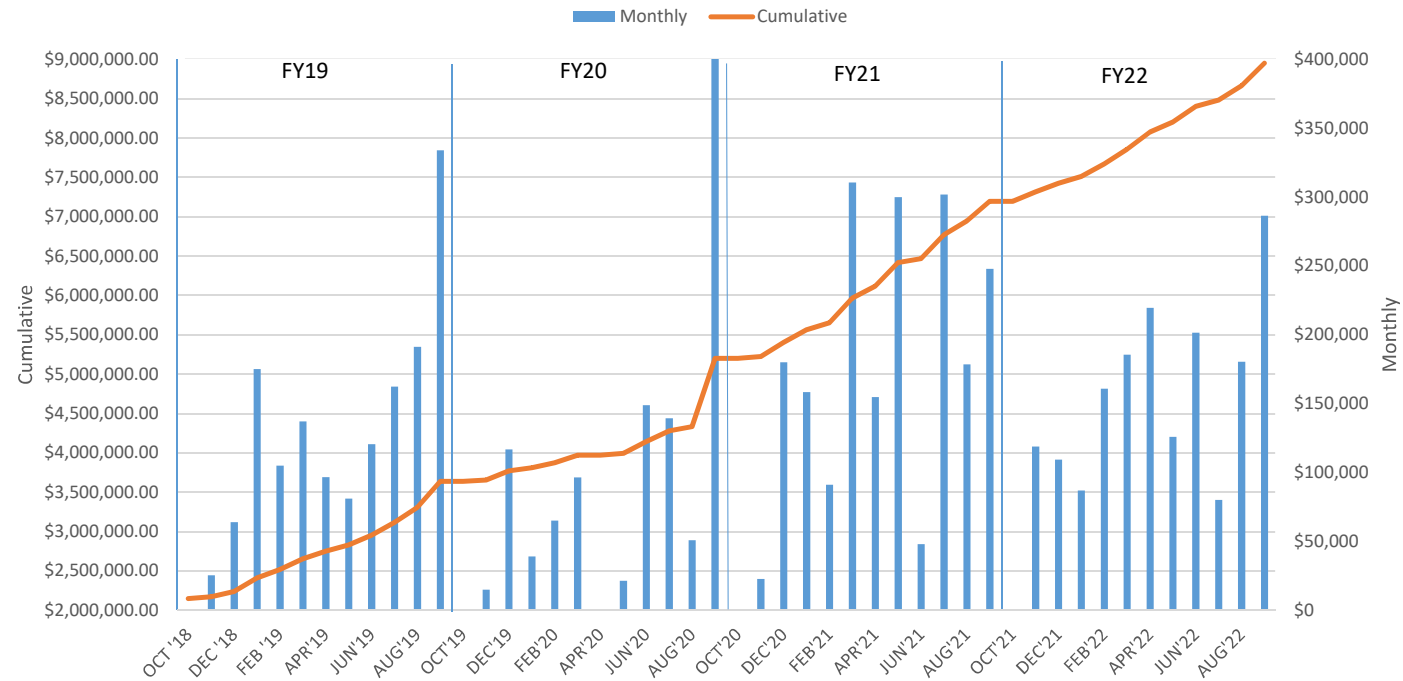
*\*Preliminary Data as of 11/08/22*

## FY 2023- Rebate Amount Paid Monthly

Month	Total	Residential			Commercial	
		Split A/C Units	Central A/C Units	Washers/ Dryers	Split A/C Units	Central A/C Units
OCT '22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NOV '22						
DEC '22						
JAN '23						
FEB '23						
MAR '23						
APR '23						
MAY '23						
JUN '23						
JUL '23						
AUG '23						
SEP '23						
TOTALS	\$ -	\$ -	\$ -	\$ -	\$0.00	\$0.00

*\*Preliminary Data as of 11/08/22*

## FY'19- FY'22 Rebate Amount Paid





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

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

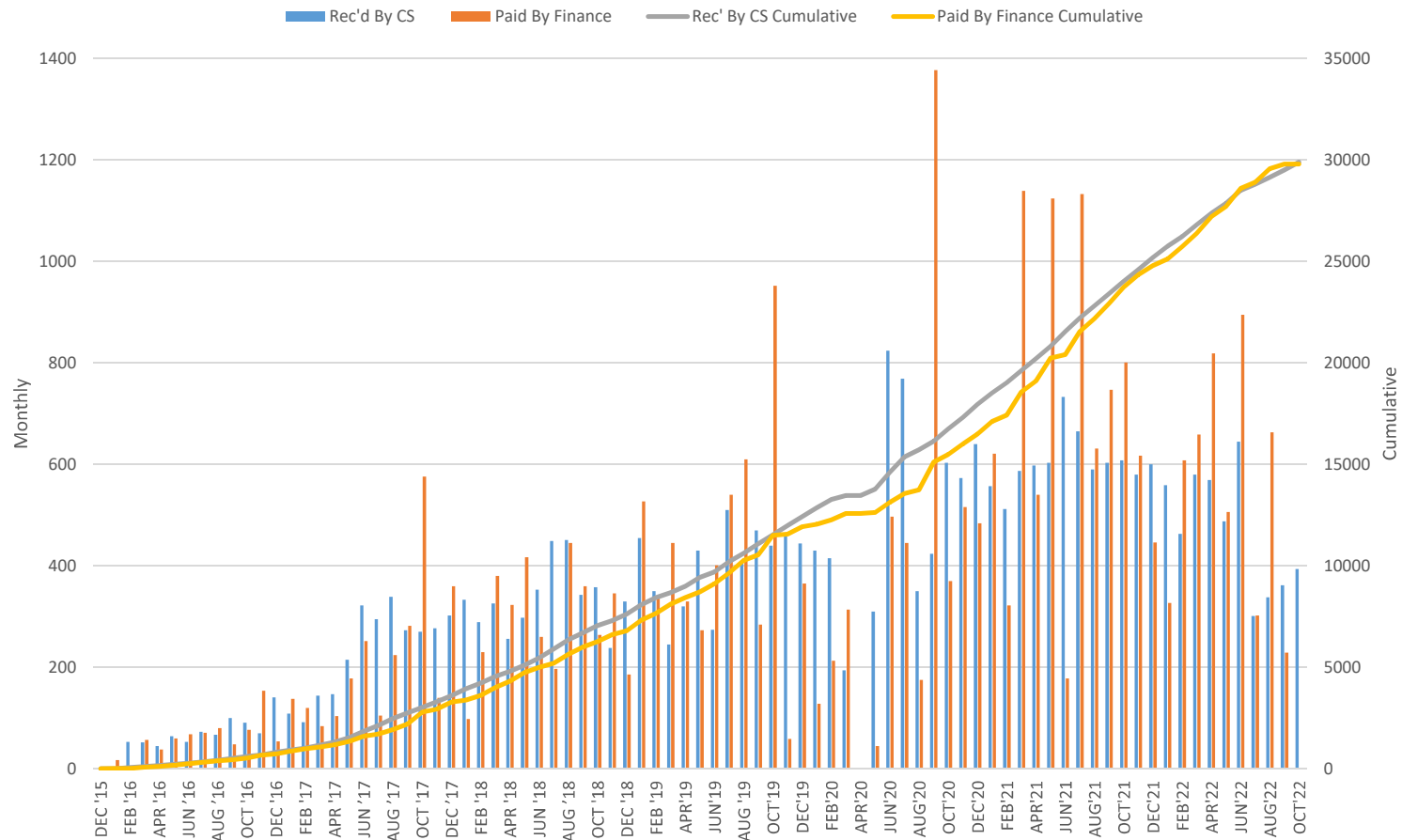
## FY 2022 Number of Applications Received By Customer Service and Paid Monthly

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

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

Month	Rec'd By CS	Paid By Finance
OCT '22	394	-
NOV '22		
DEC '22		
JAN'23		
FEB '23		
MAR '23		
APR '23		
MAY '23		
JUN '23		
JUL '23		
AUG '23		
SEP '23		

## Number of Applications Received By Customer Service and Paid



## DSM Online Report - October 2022

### APPLICATIONS

Month	Applications	Commercial	Residential
Aug-22	217	0	217
Sep-22	479	7	472
Oct-22	474	4	470
<b>TOTAL</b>	<b>1170</b>	<b>11</b>	<b>1159</b>

### AVERAGE REBATE PER APPLICATION

Commercial	Residential
\$ 309	\$ 286

### EQUIPMENT

Month	Equipment	Commercial	Residential
Aug-22	315	0	315
Sep-22	667	12	655
Oct-22	689	9	680
<b>TOTAL</b>	<b>1671</b>	<b>21</b>	<b>1650</b>

### AVERAGE REBATE PER EQUIPMENT

Commercial	Residential
\$ 162	\$ 201

### REBATES

Month	Rebate	Commercial	Residential
Aug-22	\$ 61,375.00	\$ -	\$ 61,375.00
Sep-22	\$ 134,525.00	\$ 1,950.00	\$ 132,575.00
Oct-22	\$ 139,375.00	\$ 1,450.00	\$ 137,925.00
<b>TOTAL</b>	<b>\$ 335,275.00</b>	<b>\$ 3,400.00</b>	<b>\$ 331,875.00</b>

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

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

\* Paper applications are NOT INCLUDED with these counts.

## DSM Online Report - October 2022

### APPLICATION COUNTS PER STATUS

Month	Applications	Commercial			Residential		
		Processing	Approved	Denied	Processing	Approved	Denied
Aug-22	217	0	0	0	58	139	20
Sep-22	479	1	0	6	333	17	122
Oct-22	474	2	0	2	414	0	56
TOTAL	1170	3	0	8	805	156	198

### APPLICATION COUNTS PER PROGRAM

Month	Applications	Commercial				Residential			
		Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer
Aug-22	217	0	0	0	0	192	0	15	10
Sep-22	479	7	0	0	0	404	0	29	39
Oct-22	474	4	0	0	0	413	0	19	38
TOTAL	1170	11	0	0	0	1009	0	63	87

### REBATES PER PROGRAM

Month	Rebate	Commercial				Residential			
		Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer
Aug-22	\$ 61,375.00	\$ -	\$ -	\$ -	\$ -	\$ 57,375.00	\$ -	\$ 1,600.00	\$ 2,400.00
Sep-22	\$ 134,525.00	\$ 1,950.00	\$ -	\$ -	\$ -	\$ 120,175.00	\$ -	\$ 3,400.00	\$ 9,000.00
Oct-22	\$ 139,375.00	\$ 1,450.00	\$ -	\$ -	\$ -	\$ 126,625.00	\$ -	\$ 1,900.00	\$ 9,400.00
TOTAL	\$ 335,275.00	\$ 3,400.00	\$ -	\$ -	\$ -	\$ 304,175.00	\$ -	\$ 6,900.00	\$ 20,800.00

### EQUIPMENT COUNTS PER PROGRAM

Month	Equipment	Commercial				Residential			
		Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer
Aug-22	315	0	0	0	0	287	0	16	12
Sep-22	667	12	0	0	0	576	0	34	45
Oct-22	689	9	0	0	0	614	0	19	47
TOTAL	1671	21	0	0	0	1477	0	69	104

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

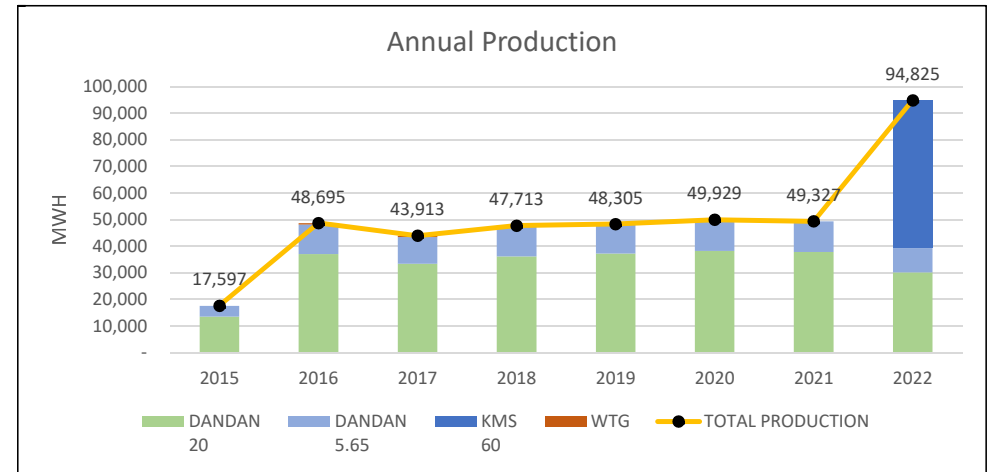
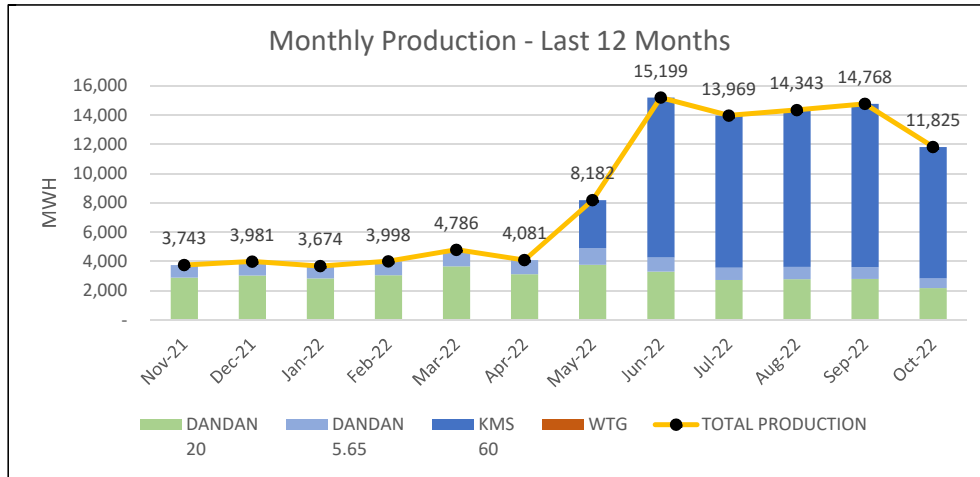
\* Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually.

\* Paper applications are NOT INCLUDED with these counts.

# Renewable Energy Production CCU Report

October 31, 2022

# Renewable Energy Charts





# Renewable Energy Data

**Monthly Renewable Production - Last 12 Months (LTM)**

Date	DANDAN 20	DANDAN 5.65	KMS 60	WTG	TOTAL PRODUCTION
Nov-21	2,891.96	851.21	-	-	3,743.16
Dec-21	3,036.19	944.45	-	-	3,980.63
Jan-22	2,827.82	846.44	-	-	3,674.26
Feb-22	3,056.84	941.36	-	-	3,998.20
Mar-22	3,650.85	1,135.45	-	-	4,786.29
Apr-22	3,123.86	957.45	-	-	4,081.31
May-22	3,755.74	1,149.70	3,276.38	-	8,181.83
Jun-22	3,293.39	975.47	10,930.52	-	15,199.38
Jul-22	2,728.35	839.25	10,401.10	-	13,968.70
Aug-22	2,782.05	836.62	10,724.36	-	14,343.03
Sep-22	2,788.99	818.39	11,160.25	-	14,767.63
Oct-22	2,179.12	649.94	8,995.48	-	11,824.54
<b>Total</b>	<b>36,115.15</b>	<b>10,945.72</b>	<b>55,488.09</b>	-	<b>102,548.95</b>

**Annual Renewable Production**

Date	DANDAN 20	DANDAN 5.65	KMS 60	WTG	TOTAL PRODUCTION
2015	13,522.50	4,074.07	-	-	17,596.57
2016	37,037.15	11,183.91	-	473.53	48,694.59
2017	33,472.41	9,983.29	-	456.90	43,912.60
2018	36,158.00	11,228.24	-	327.02	47,713.25
2019	37,247.12	10,792.06	-	266.06	48,305.24
2020	38,249.82	11,393.79	-	285.06	49,928.67
2021	37,841.47	11,485.18	-	-	49,326.65
2022	30,187.00	9,150.07	55,488.09	-	94,825.16
<b>Total</b>	<b>263,715.48</b>	<b>79,290.60</b>	<b>55,488.09</b>	<b>1,808.57</b>	<b>400,302.73</b>

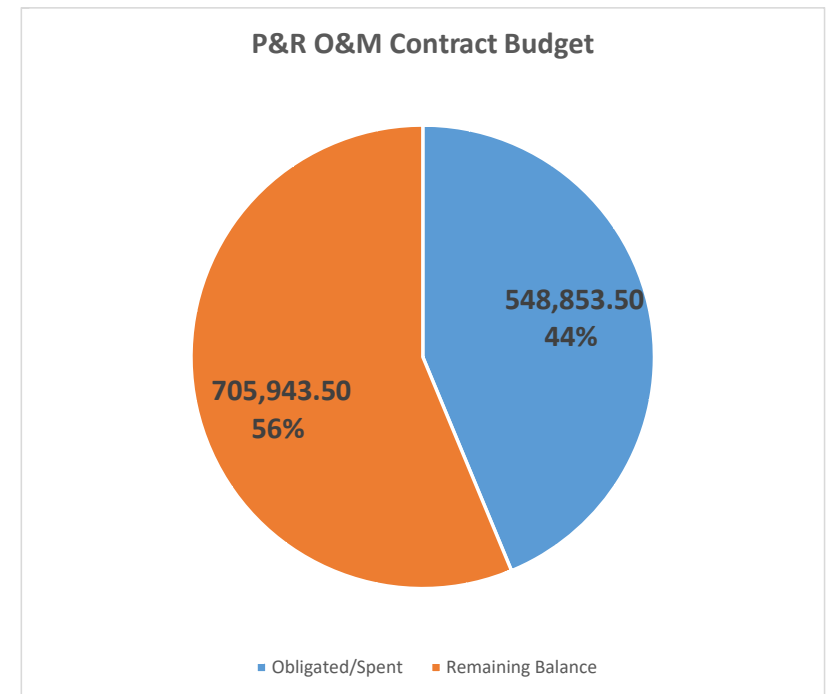
- Dandan / GPS = Phase I Solar commissioned on 10/2015
- KEPCO Mangilao Solar (KMS) = Phase II Solar commissioned on 05/2022
- WTG = Wind Turbine Generation

# Planning & Regulatory CCU Report

October 31, 2022

# Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
  - 43.74% O&M Obligation as of October 31, 2021 (Actual)



## P&R Weekly & Monthly Inspection Reports

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

## P&R Inspection Report Purpose

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

## Weekly BMP Report

<b>WEEKLY BMP REPORT SUMMARY</b> <b>CABRAS POWER PLANT</b> <b>MONTH OF OCTOBER 2022</b>										
LEGEND OF TRACKING										
					Notification Date					
					Within Scheduled Remediation Period					
					Completed					
					Deadline is Past Due					
LOCATION		WE 10/07/22 FINDINGS	WE 10/14/22 FINDINGS	WE 10/21/22 FINDINGS	WE 10/28/22 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETED	RESPONSE
<b>Cabras Facility</b>	1	Oil/water separator next to outfall (Item 4) - Heavily corroded.	Oil/water separator next to outfall (Item 4) - Heavily corroded.	Oil/water separator (next to outfall) (Item 4) - Heavily corroded.	Oil/water separator next to outfall (Item 4) - Heavily corroded. / Corroded broken metal trash bin near outfall (Item 4)	for removal/disposal	1/7/2022	ASAP		
	2	Fuel Treatment House (Item 6) - oil in trench	Fuel Treatment House (Item 6) - oil in trench	Fuel Treatment House (Item 6) - oil in trench	Fuel Treatment House (Item 6) - oil in trench	Remove oil	8/27/2021	ASAP		<i>October 7, 14: Draining/removal of oil is ongoing</i>
	3	C3&4 building ground (Item 16)- oil in the pits.	C3&4 building ground (Item 16)- oil in the pits.	C3&4 building ground (Item 16)- oil in the pits.	C3&4 building ground (Item 16)- oil in the pits. Accumulation of rainwater due to recent rainfall.	Remove oil. Drain water. Apply necessary BMP to prevent storm water/oil runoff that carry metals to storm drain.	6/12/2020	ASAP		<i>October 7, 14: Removal of oil is ongoing. Area is Clean</i>
	4	C3&4 building (Item 16) - accumulated used insulation, materials and debris.	C3&4 building (Item 16) - accumulated used insulation, materials and debris.	C3&4 building (Item 16) - accumulated used insulation, materials and debris.	C3&4 building (Item 16) - accumulated metal debris and used pads & booms	Remove and dispose	10/28/2022	ASAP		<i>* October 7: Cleanup is ongoing, most of the insulation and debris have been disposed. ** October 14 &amp; 20: Insulation and debris have been disposed.</i>

## Weekly BMP Report (cont.)

LOCATION	WE 10/07/22 FINDINGS	WE 10/14/22 FINDINGS	WE 10/21/22 FINDINGS	WE 10/28/22 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETED	RESPONSE
<b>Cabras Facility</b>	5	Across C1&2 building - corroded 20 foot containers; corroding metal equipment parts (Item 16).	Across C1&2 building - corroded 20 foot containers; corroding metal equipment parts (Item 16).	Across C1&2 building - corroded 20 foot containers; corroding metal equipment parts (Item 16).	Apply necessary BMP to prevent storm water runoff that carry metals to storm drain.	12/10/2021	ASAP		<i>October 7, 14, 28; New container storage in front of Cabras 1&amp;2.</i>
	6	Cooling water intake - corroded cooling water intake covers and bar screens (Item 26).	Cooling water intake - corroded cooling water intake covers and bar screens (Item 26).	Cooling water intake - corroded cooling water intake covers and bar screens (Item 26).	Chip corrosion repaint	7/23/2021	ASAP		
	7	Cabras Tank 1,2,3,4 Refilling Valve Pit - accumulation of rainwater and algae in the tanks 1-4 refilling valve pit (Item 28).	Cabras Tank 1,2,3,4 Refilling Valve Pit - accumulation of rainwater and algae in the tanks 1-4 refilling valve pit (Item 28).	Cabras Tank 1,2,3,4 Refilling Valve Pit - accumulation of rainwater and algae in the tanks 1-4 refilling valve pit (Item 28).	Accumulation due to recent rainfall. Drain water.	7/1/2022	ASAP		
	8	Near Ponding Basin - 20-ft Container and corroded metals (Item 27).	Near Ponding Basin - 20-ft Container and corroded metals (Item 27).	Near Ponding Basin - 20-ft Container and corroded metals (Item 27).	Remove broken container to prevent storm water runoff that carry metals to ponding basin	8/27/2021	ASAP		
	9	Near to Outfall Cabras 3&4 - Corroded big metal plate	Near to Outfall Cabras 3&4 - Corroded big metal plate	Near to Outfall Cabras 3&4 - Corroded big metal plate	Remove/Dispose	7/15/2022	ASAP		

## T&amp;D SPCC Inspection Report

SUMMARY OF T&D SPCC MONTHLY INSPECTION REPORT									
MONTH OF OCTOBER 2022									
SUBSTATIONS									
LEGEND OF TRACKING									
<div><div><div></div>Notification Date</div><div></div>Completed</div> <div><div></div>Within Scheduled Remediation Period</div> <div></div> Deadline is Past Due									
#	SUBSTATION LOCATIONS		FINDINGS	RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
1	DEDEDO SUBSTATION (T-55)	1	Substation area is clean and well maintained.	Clean	Maintain				
2	DEDEDO SUBSTATION WAREHOUSE	1	Good housekeeping implemented in the substation area.	Clean	Maintain				
3	MACHECHE SUBSTATION	1	Drain valve	not secured	Install pad lock			ASAP	July 6, 2022
4	TALOFOFO SUBSTATION	1	T80 Transformer and Secondary containment.	Oily water and algae in secondary containment removed.	Maintain	Completed	October 28, 2022	ASAP	July 29, 2022
		2	Substation grounds	Overgrown vegetation in substation grounds	For housekeeping, recommend bush cut/mow of overgrown vegetation.			ASAP	October 28, 2022
5	TENJO SUBSTATION	1	Transformer and Secondary Containment	Clean. Free of oil, rust and standing rainwater.	Clean. Maintain.				
		2	Substation facility and substation grounds	Good housekeeping and security of facility. Vegetation on the grounds starting to overgrow.	Maintain. For housekeeping, recommend to bush cut/mow of overgrown vegetation.				
6	YIGO SUBSTATION	1	Clean	Substation area is clean and well maintained.	Maintain				



## Generation SPCC Inspection Report

<p align="center"><b>SUMMARY OF GENERATION SPCC MONTHLY INSPECTION REPORT</b>  <b>MONTH OF OCTOBER 2022</b>  <b>POWER PLANT (GENERATION)</b></p>								
<p align="right">LEGEND OF TRACKING</p> <p> <span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></span> Notification Date           <span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black; margin-left: 20px;"></span> Completed           <span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black; margin-left: 20px;"></span> Within Scheduled Remediation           <span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black; margin-left: 20px;"></span> Deadline is Past Due         </p>								
Item #	POWER PLANT LOCATIONS		FINDINGS	RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	INITIAL FINDINGS DATE
1	CABRAS POWER PLANT	1	Cabras 3&4 Generator Building	Rainwater in trenches/sump of Cabras 3 & 4 generator building.	Drain water following proper drainage procedure/protocol.		October 28, 2022:Draining of water is being conducted	July 2021
		2	CPP Tank 3 & 4	Corroded supply pipelines	Remove rust/conduct repair and continuously monitor pipeline.			Sept 2021
		3	Cabras Power Plan (CPP) 8" fuel supply line	No secondary containment	Continue monitoring for leaks and corrosion; immediately conduct repair on corroded pipe and supports.			Nov. 2022
		4	CPP 3&4 fuel treatment house	Oil inside trenches inside the fuel treatment house (CPP 3&4).	Remove oil from trenches and conduct cleanup.		October 28, 2022:Draining of water is being conducted	March 2022
		5	CPP Tank No. 2	~Pipe insulation (both fiberglass cladding and asbestos insulation) deterioration. ~Heavily corroded fuel supply/return pipe, valves, plunges, etc. (several locations). ~Rust/deterioration of electrical box, conduits next to fuel meter and at several locations.	Conduct a more thorough inspection of fuel supply system: pipeline, valves, flanges, pipe support, include inspection of electrical system. Repair/replace as needed.		ASAP	April 29, 2022
		6	CP RFO Tank No.1	~Pipe insulation (both fiberglass cladding and asbestos insulation) deterioration. ~Top and bottom photos: Heavily corroded fuel supply/return pipe, valves, plunges, etc.	Conduct a more thorough inspection of fuel supply system: pipeline, valves, flanges, pipe support, include inspection of electrical system. Repair/replace as needed.		ASAP	April 29, 2022
		7	RFO supply line from FOT 1&2 to CPP 1&2	Rust and heavy deterioration, damaged insulation (several locations)	Repair/replace pipeline and insulation.		ASAP	April 29, 2022

## Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS		FINDINGS	RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
1	CABRAS POWER PLANT	8	HS Service, LS Service and Diesel Storage Tanks	Rainwater inside containment Drain				ASAP	October 28, 2022
		9	FOT 1,2,3 and 4 Secondary Containment	Clean Clean - Maintain	Clean - Maintain		October 28, 2022	ASAP	August 29, 2022
2	DEDED0 CT	1	OVS 1 & 2 tank shells & pipes	Corroded	Remove corrosion & repaint OVS			ASAP	Dec. 2021
		2	Fuel Loading & Unloading Area	Old AC Units	Dispose a/c units if not in use			ASAP	Jan 2022
		3	Oil drums	Improper storage of oil drums	Move oil-filled drums to proper storage			ASAP	July 27, 2022
		4	OVS1	Oil is leaking from OVS 1	Clean up oil with absorbent pads			ASAP	September 27, 2022
3	MACHECHE CT	1	Tank T-130/140 Tank Shells	Corroded tank shells	Chip corrosion and recoat			ASAP	July 2021
		2	Tank No. 130/140 Flange/Vent	Corroded tank vents	Check vents if clear and chip corrosion and recoat.			ASAP	Aug 2021
		3	Tank No. 130/140 Tank Supports	Corroded tank supports	Chip corrosion and recoat			ASAP	Jan. 2021
		4	OVS Secondary Containment	Algae accumulation in the OVS secondary containment.	Conduct clean up and remove algae			ASAP	Dec 2021
		5	Drum Storage Area	Oil and sludge in the drain trenches and sump pit of the drum storage area.	Conduct clean up Clean up has been conducted		October 25, 2022	ASAP	June 3, 2022
4	MANENGGON DIESEL	1	Tank No. 1 Shell	Corroded tank shell	Chip corrosion and recoat	NOTE: Power plant is on NWPS de-manned and on stand-by mode.		ASAP	May 2021
		2	Secondary containment	Accumulation of water in secondary containment due to persistent rain.	Drain water			ASAP	July 29, 2022

## Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS		FINDINGS	RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
5	PITI #7 POWER PLANT	1	Main Fuel Tank, Day Tank #1&2	No integrity testing	Conduct Integrity Testing			ASAP	January 2018
		2	Old Pit Power Plant Yard	Drums of used resin stored at old Pit Plant	Dispose resins			ASAP	July 2021
		3	Old Pit Power Plant grounds	Debris in the Power Plant grounds	Dispose debris			ASAP	May 2022
6	TALOFOFO DIESEL	1	Fuel storage tank area.	Algae build-up in containment deck	Remove algae	NOTE: Power plant is on MWPS de-manned and on stand-by mode.		ASAP	July 28, 2022
		2	Building, facility and engine room, etc.	Good housekeeping observed in the facility.	Maintain				
7	TENJO DIESEL	1	Day Tanks	Oil spill observed inside engine room near day tank area.	Solve leak from day tank Clean and remove oil spill in work area. Maintain good housekeeping.			ASAP	September 30, 2022
		2	OWS & Waste Oil Tank	>Corrosion damage hole on transfer pipe of OWS. >Visible oil sheen in secondary containment of OWS with Waste Oil Tank.	Repair damage hole to prevent spill Clean spilled oil in secondary containment Maintain OWS transfer lines from corrosion			ASAP	September 30, 2022
		3	Diesel Fuel Storage Tanks	>Corrosion build up and pitting observed on fuel supply & return lines and tank supports. >Rusted items include pipe surface, valves, flanges and tank supports.	Remove corrosion and repaint			ASAP	September 30, 2022

## Generation SPCC Inspection Report (cont.)

Item #	POWER PLANT LOCATIONS		FINDINGS	RECOMMENDATION /REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
8	YIGO CT	1	Tank 140 Tank Shell	Corroded tank	Chip corrosion and recoat			ASAP	Dec. 2021
		2	Tank 130 and 140 Vents	Corroded tank vents for Tanks 130 and 140.	Check vents if clear and chip corrosion and recoat.			ASAP	Dec. 2021
		3	Tank 110 pipe	Corroded tank 110 pipe	Chip corrosion and recoat			ASAP	July 5, 2022
		4	Drum storage Area	Corroded oil drums, uncovered sludge drum and other debris in the drum storage area	Remove oil & dispose drums			ASAP	Jan 2022
		5	Drum Storage Sump Pit	Oil sludge	Conduct cleanup			ASAP	Jan 2022
		6	Oil Water Separator secondary containment	Unknown chemical in the OWS secondary containment	Remove oil and clean containment			ASAP	Jan 2022
		7	Secondary containment for Day Tanks 110, 120, 130 and 140.	Oil sludge found in the drain pit	Remove oil and drain			ASAP	August 24, 2022
9	YIGO DIESEL	1	Pipeline area	Vegetation along the pipeline area	Cut vegetation along the pipeline area			ASAP	October 31, 2022
		2	Pipeline	No secondary containment	Daily inspection is required			ASAP	July 2021

**GPA Work Session - November 17, 2022 - GM REPORT UPDATES**

**ENGINEERING WORK ORDERS**

<b>Engineering Work Order Summary - October 2022</b>	
Work Orders Received from CSR	150
Work Orders Processed & Released to T&D	105
Work Orders Processed & Released to CSR	N/A
Work Orders Cancelled	N/A
Work Orders Pending Survey	22
Total Pending WO at Engineering	469

<b>Engineering Large Customer, GPI and Net Metering Tracking</b>						
Date Received	Customer Name	Work Order Numbers	Location	kVA	Meter Qty	Status
6/1/2017	New Underground Line (P-047)	466064	Tumon	1,500	1	New Underground line 99% completed, Riser terminated. Mandrelling completed on completed sections. T&D started pulling wire and installing splices in August 2019. Pending final outage at SV1A and SV1B and repair of existing arms and metal brackets on P-047. Design for P-047 Repair of Support Arms on going 100% completed pending budget.
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 Sadwahn	465341	Harmon	2,000	1	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.
05/14/19	Joyrich Group LLC	Multiple	Tamuning	150	17	New 17 Unit Apartments, 75% completed, 150 kVA. No recent progress.
07/07/20	Guam Waterworks Authority New Northern Wastewater Plant	479663	Dededo	3,500	1	New Northern Wastewater Plant, 100% completed, 3500kVA. On temp power now. Power will be limited to 20% of capacity until completion of P-046, P-271 and P-112 Load redistribution and completion of the GRMC riser.
11/19/20	Paradise Subdivision	Pending Applications	Mangilao	170	17	17 Unit subdivision, pending submission of plans and permitting.
01/31/21	Songsong Hills Subdivision	484158	Yigo	160	1	New 16 Unit Subdivision, 92% completed, multiple xfms. Temp power completed, pending submission of meter applications.
01/31/21	GWA -Kaiser Reservoir	484070	Dededo	14	1	New GWA Reservoir, 95% completed.
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	Multiple	Dededo	1,160	45	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.
09/24/21	Guam Advance Ent. Inc (Ukudu Power Plant)	489288	Dededo	2,200	1	Temp Power for New Ukudu Power Plant. 27 ea. 45' C/P and 7 Pad Mtd X-Fmr 2200 KVA total load. 90% completed. CT's and PT's were recently delivered. T&D began primary meter installation and is awaiting Navy coordination for final connection.
10/31/21	GTA Data Center	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.
11/01/21	IT&E Data Center	Pending Application	Tamuning	2,500	1	New Data Center, 2500 kVA, pending submission of plans and permitting.
11/30/21	Coast 360 Federal Credit Union	490768	Tamuning	300	1	New Coast 360 Federal Credit Union. 70% Completed.
02/24/22	Canton Construction Corp.	492230	Hagatna	500	1	New Community First Bank, 80% Completed.
06/15/22	Pan Pacific Retail Management (Guam) Co	494505	Tamuning	5500	1	New Don Quixote Shopping Center. 2-2000KVA 1-1500 kVA, 85% completed.
06/17/22	KEPCO Mangilao Solar	494424	Mangilao	13	1	Kepco 13 ea. Streetlight and 40 ea. pole line extension, Survey completed, pending clearances. \$270K Paid in Full.
09/13/22	Pacific Unlimited	496781	Piti to Dededo			Escort Services for oversized vehicles for new Ukudu power plant. Multiple line relocations and line removals are required. A GPI and chargeable child work orders have been created to track cost. Pending move schedule.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		1	Pending Net Metering Customers as of October 31, 2022.
<b>Total</b>				<b>25,697</b>	<b>488</b>	

## **PLANNING & REGULATORY DIVISION REPORT**

The following summarizes P&R's activities for the month of October 2022

### **INSPECTIONS/MONITORING**

- Best Management Practices (BMP) Weekly Inspection/Report – Cabras Power Plant
- Monthly Spill Prevention, Control and Countermeasures (SPCC) Inspection/Report – Cabras Power Plant, Macheche, Dededo, Yigo CT, Talofofo, MDI, Tenjo Diesel, Piti 7 Power Plants, IP&E fuel Farm.
- Reviews monthly Continuous Emissions Monitoring System (CEMS) report and monitors TRC's O & M for Tenjo Diesel. Coordinates Operations and Maintenance with TRC.
- Emissions and Limits Tracking for GPA and Yigo Diesel
  - Monitoring CO and NOx emissions of the Yigo Diesel generators not to exceed the allowable limit.
  - GPA Plants Limits based on Hours and/or Fuel Use
- Conducted inspection and took oil sample of old Navy T -44 transformer in Harmon Substation

### **DERA Grant (Diesel Emissions Reduction Act)**

- Coordinated with Transportation to prepare planned procurement memorandum for hybrid bucket truck, memorandum is with procurement now.

### **ENVIRONMENTAL DISPOSAL & MITIGATION**

- Coordinate Used oil draining and hauling for Cabras Tank 3
- ADV removal project – update:
  - Fiberglass and composite wastes removal completed
- Tank 1935 tank bottom confirmatory soil re-sampling
- Meeting with Tri-Star to discuss the draining of the HSFO fuel tanks at Tri Star

### **NPDES/316b**

- CWA NPDES / 316b Compliance requirement: Second Supplemental Report, re. Order for Compliance (GPA DOCKET NO. CWA-092022-005). Cooling Water Intake Velocity and Volume Measurements

### **PROCUREMENT**

#### **Coordination with procurement on the following bids/continuing contracts:**

- OR#33750 – Environmental Emergency Response Contractor- Bid is on going

- OR# 35319 Environmental Engineering and Technical Services – Submitted SOW to Procurement
- GPA-RFP-21-010 Engineering, Procurement & Construction Management Contract – Price Proposal Review. Had meeting with contractor regarding price schedule
- 29178 OP (Fuel Farm CIP- Fence Upgrade Project)- Request for Amendment 2: Additional funds for the restoration of the facility grounds damaged during the US Coast Guard's extraction removal of the sunken vessels.
- GPA-001-23 Broker Service & Pollution Insurance – Provided environmental related information and data for the bid to Tami

#### **REPORTING**

- Quarterly NSPS reporting for Cabras, CT's and Diesel plants submitted to GEPA and US EPA
- Email report to Guam EPA copy of IWPS and Renewable Energy Daily Production Data
- NPDES Quarterly Report submitted via US EPA NetDMR online reporting tool (Oct. 19th)
- Fuel switching quarterly report submitted to USEPA

#### **TITLE V PERMIT**

- Met with Guam EPA to discuss emissions calculations for the Cabras-Piti Area plants (Cabras, Piti 8 & 9, Piti 7)

#### **UKKUDU POWER PLANT**

- Weekly update conference calls:
  - Prep Call between GPA and Stanley
  - Permitting and status updates (Power Plant and Pipeline) with contractors
  - GPA Internal discussions with Stanley
- Other
  - Pipeline Abandonment plan along Rt. 16
    - Meeting with Guam EPA – Proposed Land Use Control. Doosan drafted a LUC Work Plan. Draft under review
    - Submitted Draft LUC Work Plan to Guam EPA

#### **OTHER**

- Submitted DERA Grant Proposal for 2022 (Oct. 25 th)
- EV Charging Solutions – Attended meeting with Triple J and Blink (oct 6 and 18)
- Professional Services Meeting. Met with EA Engineering to listen to their service proposal
- Our Division received two new Engineers

## NET METERING

October 2022

	<u>Quantity</u>	<u>Connected kVA</u>
Completed	2,396	30,266
Pending	1	7
Grand Total	2,397	30,274

Rate Class and Technology			
Technology	Schedule	Customer Count	Total kW
Solar Energy	R - Residential	2,215	21,609.05
	J - Gen Service Dmd	70	4,441.45
	K - Small Gov Dmd	16	663.66
	L - Large Government	2	122.80
	P - Large Power	14	1,254.70
	G - Gen Serv Non-Dmd	70	2,092.29
	S - Sm Gov Non-Dmd	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		2,396	30,266.35

Projection Date Ending 12/31/2022				
Customer Rate Class	Sum of Size (kW)	*Annual Projected kWh Generated	Non-Fuel Yield \$/kWh	Estimated Annual Revenue Loss
R	21,612.65	34,298,471	0.087492	\$ 3,000,842.82
J	4,441.45	6,999,151	0.125682	\$ 879,667.51
K	663.66	883,453	0.133883	\$ 118,279.32
L	122.80	200,522	0.129809	\$ 26,029.59
P	1,254.70	2,023,065	0.109950	\$ 222,436.06
G	2,092.29	3,334,666	0.145397	\$ 484,850.47
S	78.80	123,265	0.147902	\$ 18,231.16
Grand Total	30,266.35	47,862,593		\$ 4,750,336.95

\*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
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

October 2022

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	394.87	35	22.9%	46.0%
	P-046	323.09	38	7.6%	11.6%
	P-088	923.38	86	15.3%	24.3%
	P-089	763.45	85	17.1%	41.1%
	P-111	341.00	7	6.3%	11.1%
	P-203	848.09	47	11.3%	32.1%
	P-204	164.18	18	3.5%	7.2%
	P-205	163.00	8	3.4%	5.8%
	P-210	888.13	72	17.4%	23.6%
	P-212	1,132.00	108	27.4%	70.8%
	P-213	555.69	19	21.2%	28.5%
	P-220	241.25	25	39.6%	124.4%
	P-221	662.96	66	15.1%	30.0%
	P-223	763.67	71	32.1%	45.8%
	P-240	178.55	5	2.7%	24.0%
	P-245	459.60	9	9.2%	19.6%
	P-250	1,589.53	142	24.4%	42.9%
	P-251	257.30	14	10.3%	16.0%
	P-253	1,049.65	101	23.3%	36.9%
	P-262	1,344.48	132	35.3%	84.7%
	P-270	562.21	44	11.0%	22.3%
	P-271	433.37	20	7.4%	15.6%
	P-272	350.05	25	13.7%	31.1%
	P-280	704.45	39	39.2%	72.8%
	P-281	204.90	5	7.3%	20.4%
	P-282	231.75	6	6.2%	18.7%
	P-283	829.95	66	22.9%	39.3%
	P-294	1,471.14	137	34.0%	67.3%
	P-301	271.36	27	19.2%	34.1%
	P-311	1,393.84	73	34.9%	59.8%
	P-322	2,294.17	127	30.2%	60.0%
	P-323	316.52	21	6.7%	20.8%
	P-330	782.35	94	14.4%	28.9%
	P-331	867.67	96	13.8%	22.3%
	P-332	949.10	87	16.8%	24.6%
	P-340	656.49	56	36.2%	79.7%
	P-087	1,647.34	161	41.9%	65.7%
	P-252	720.05	40	17.1%	34.8%
	P-321	488.98	40	8.7%	9.8%
	P-260	117.76	11	17.1%	58.9%
	P-067	86.20	10	1.0%	1.3%
	P-312	167.44	8	10.0%	11.7%
	P-206	136.08	7	13.9%	25.2%
	P-242	23.75	2	0.4%	1.1%
	P-310	196.57	9	7.1%	13.1%
	P-261	522.06	55	18.9%	32.4%
	P-201	115.86	10	3.3%	5.8%
	P-007	85.86	8	11.9%	25.3%
	P-244	86.56	3	4.9%	5.0%
	P-202	240.10	8	7.4%	17.8%
	P-341	33.95	3	2.9%	12.9%
	P-401	117.00	2	10.3%	17.3%
	P-400	83.88	6	8.8%	8.9%
	P-241	19.72	1	0.5%	0.7%
	P-290	14.04	1	2.0%	8.7%
Completed Total		30,266.35	2,396		
pending	Pending	7.31	1	0.0%	0.0%
pending Total		7.31	1	0.0%	0.0%
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.					

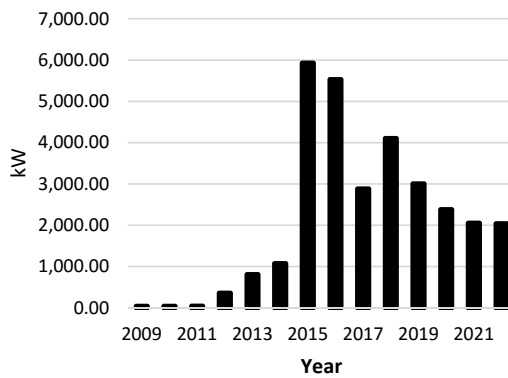
## NET METERING

October 2022

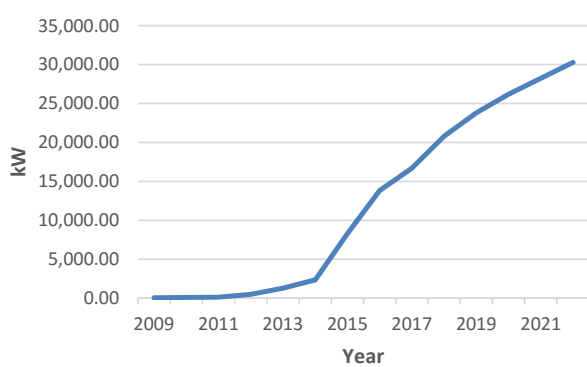
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	354.61	474.88
2013	808.15	1,283.03
2014	1,072.04	2,355.07
2015	5,926.44	8,281.51
2016	5,527.93	13,809.43
2017	2,881.10	16,690.53
2018	4,103.13	20,793.66
2019	3,002.17	23,795.83
2020	2,380.16	26,175.99
2021	2,053.29	28,229.28
2022	2,037.07	30,266.35
<b>Grand Total</b>	<b>30,266.35</b>	

Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	6	15
2012	27	42
2013	66	108
2014	94	202
2015	562	764
2016	530	1,294
2017	297	1,591
2018	292	1,883
2019	190	2,073
2020	97	2,170
2021	125	2,295
2022	101	2,396
<b>Grand Total</b>	<b>2,396</b>	

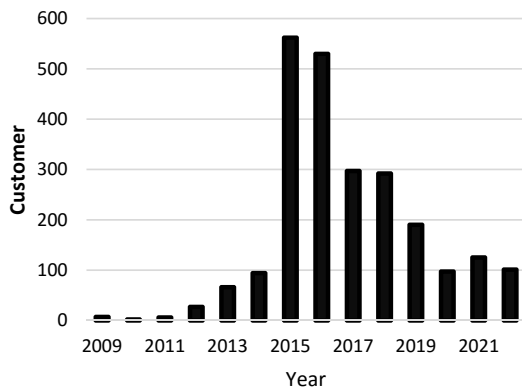
Yearly Installed kW



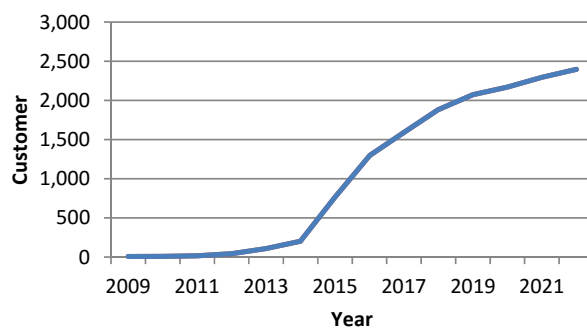
Cumulative Installed kW



Yearly Connected Customer Count



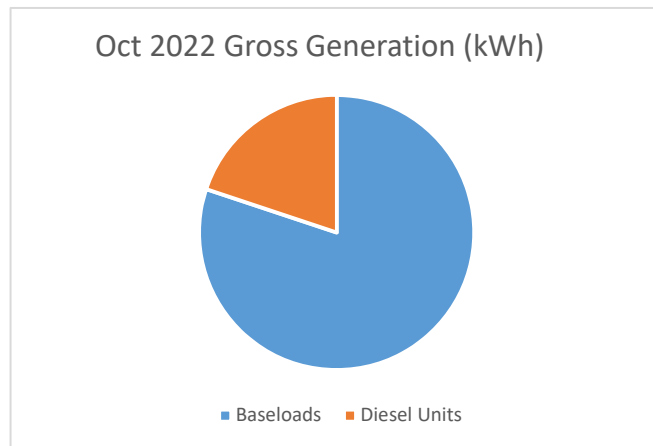
Cumulative Connected Customer Count



## Production Data October 2022

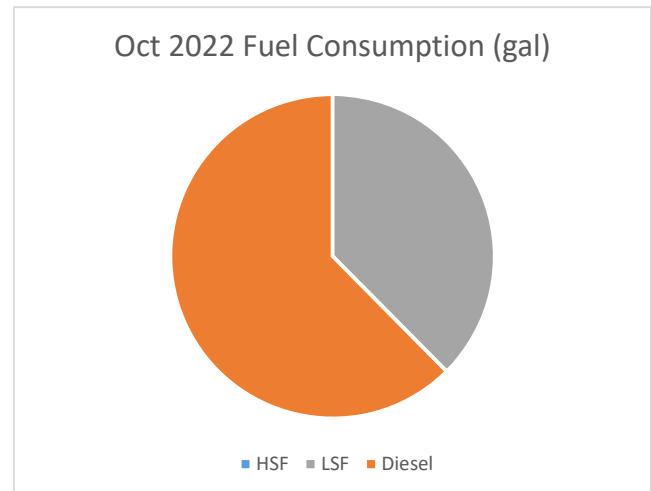
### 2022 Gross Generation (kWh)

Month	Baseloads	Diesel Units
January	109,627,200	23,364,899
February	76,592,500	44,923,315
March	81,918,260	57,565,504
April	87,787,300	49,213,804
May	81,920,700	60,791,103
June	95,344,100	35,377,172
July	91,785,300	36,064,854
August	77,501,200	51,030,336
September	100,831,700	26,969,357
October	101,549,900	25,205,061
November		
December		



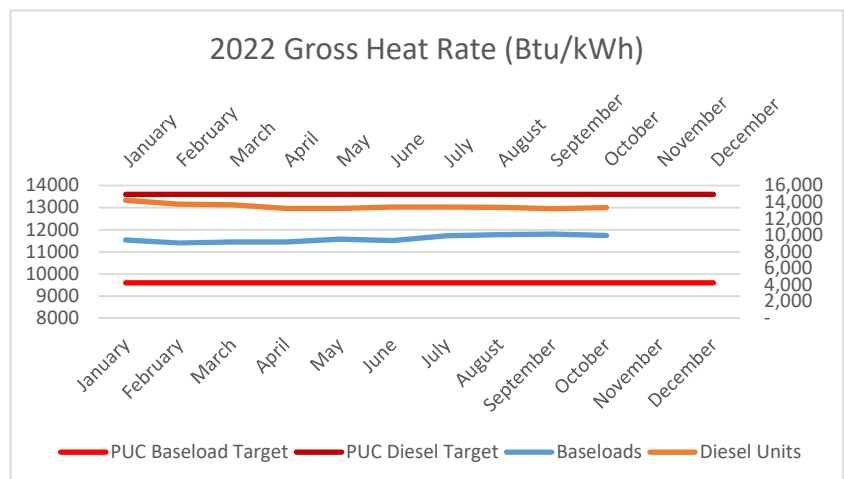
### 2022 Fuel Consumption (gal)

Month	Baseloads		Diesel Units
	HSF	LSF	Diesel
January	6,039,882	1,088,908	2,450,365
February	2,046,610	2,742,653	4,552,020
March	2,047,536	3,149,528	5,799,290
April	1,287,548	4,081,042	4,798,917
May	1,641,327	3,727,480	5,934,125
June	2,352,232	3,798,465	3,495,126
July	2,556,119	3,507,059	3,562,470
August	-	3,915,269	6,498,564
September	-	4,630,550	5,036,965
October	-	3,552,153	5,902,004
November			
December			

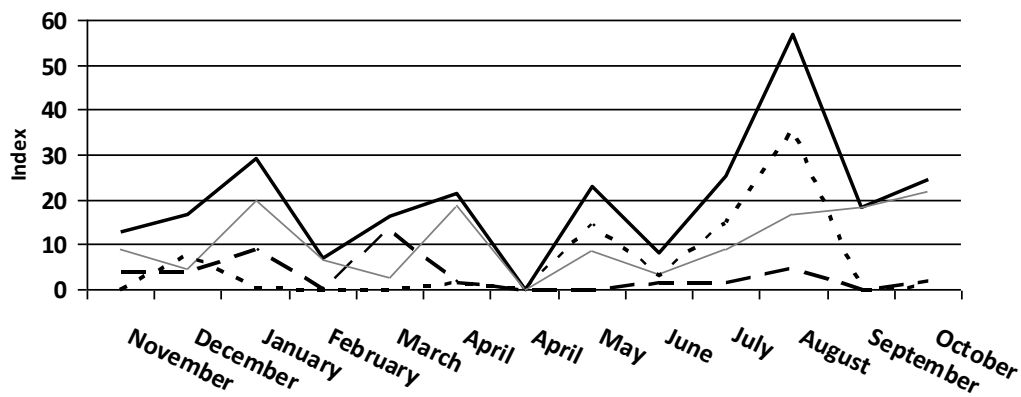


### 2022 Gross Heat Rate (Btu/kWh)

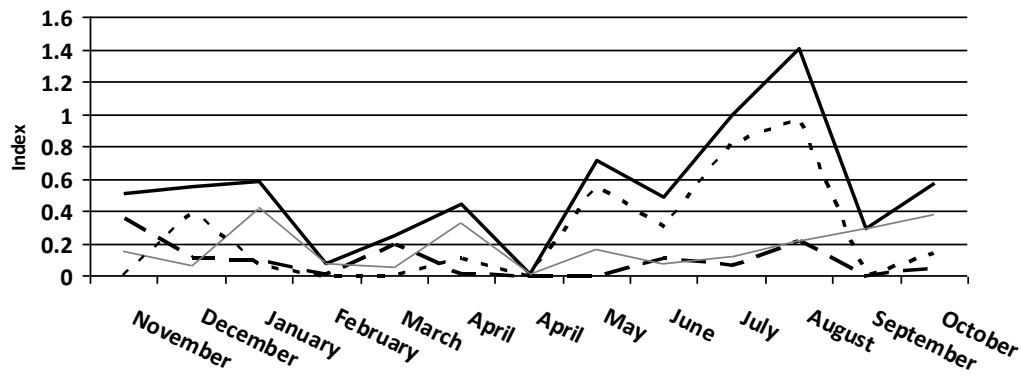
Month	Baseloads	Diesel Units
January	9,448	14,233
February	9,082	13,752
March	9,216	13,672
April	9,196	13,234
May	9,527	13,248
June	9,369	13,408
July	9,947	13,406
August	10,089	13,378
September	10,147	13,201
October	9,980	13,333
November		
December		



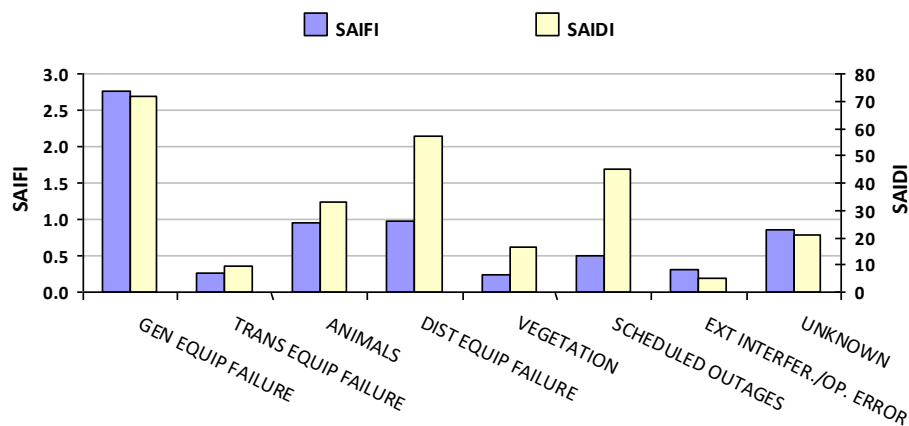
(Item 1.1,1.2,1.5) October 2022 SAIDI = 259.16 ↑ (258.95)



(Item 1.1,1.2,1.5) October 2022 SAIFI = 6.88 ↑ (6.76)



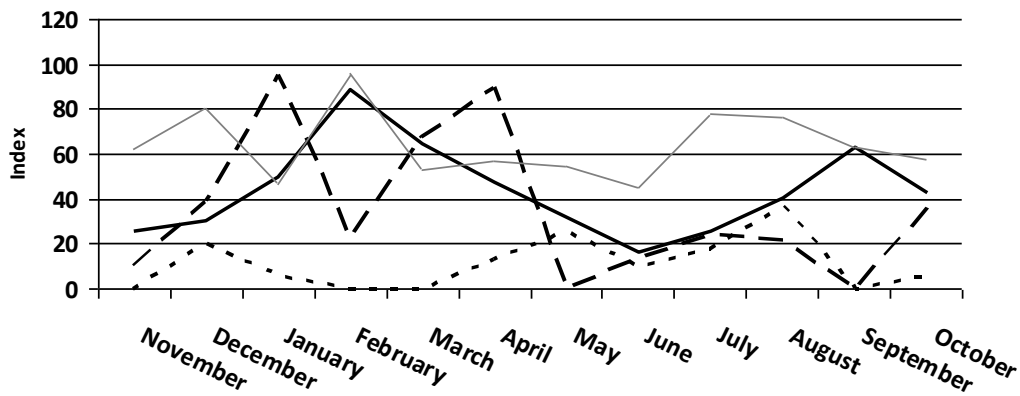
(Item 1.9) 12 Month Cause Contributions to Reliability



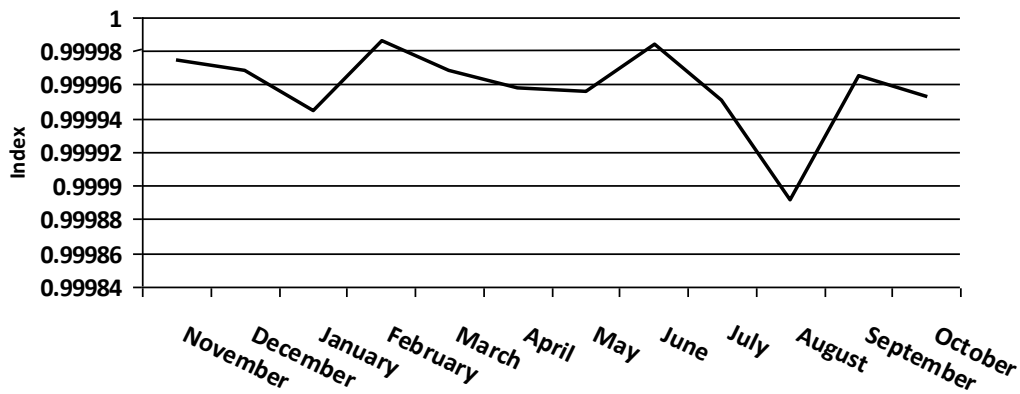
GEN EQUIP FAILURE  
F:36.2% D:27.7%  
TRANS EQUIP FAILURE  
F:5.0% D:3.6%  
ANIMALS  
F:11.8% D:12.8%  
DIST EQUIP FAILURE  
F:14.7% D:22.1%  
VEGETATION  
F:3.8% D:6.3%  
SCHEDULED OUTAGES  
F:10.4% D:17.4%  
EXT INTERFER./OP.  
ERROR  
F:4.5% D:1.9%  
UNKNOWN  
F:13.7% D:8.1%

As of October 31, 2022

(Item 1.1,1.2,1.5) October 2022 CAIDI = 37.66 ↓ (38.3)



(Item 1.1,1.2,1.5) October 2022 ASAI = 0.9995 UNC\* (0.9995)



**(Item 1.4) Top 5 Worst Feeders Distribution Causes**

#	Feeder	Outage Count
1	P340	8
2	P294	7
3	P046	6
4	P341	5
5	P321	4

**(Item 1.3) Outage Count**

TOTAL	UFLS	Non-UFLS
423	159	264

**(Item 1.4) Top 5 Distribution Outage Causes**

#	Outage Cause	Count
1	Overhead Equipment	41
2	Vegetation	16
3	Underground Equipment	12
4	Snakes	12
5	Substation Equipment	9

**(Item 1.3) UFLS Contribution to Reliability**

SAIDI	SAIFI	CAIDI
39.59	2.68	14.79

As of October 31, 2022

**UNC\* - Unchanged**

# GPA Work Session - November 17, 2022 - GM REPORT UPDATES

GUAM POWER AUTHORITY  
GOVERNMENT ACCOUNTS RECEIVABLE  
Billing up to October 31, 2022 and payments as of 11/11/2022

Current (10/31/2022 Billing due 11/01/2022)  
31 days Arrears 09/30/2022 due 10/01/2022  
61 days and over Arrears (08/31/22 billing due 09/01/2022)

CC&B New Acct Numer		DEPARTMENT	CC&B BALANCE 09/30/2022	CANCEL/REBILL/ SPEC CHARGE 11/11/2022	BILLING 10/31/2022	PAYMENT UP TO 11/11/2022	CC&B BALANCE 11/11/2022
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## Line Agencies

3404311949	LINE AGENCIES	Guam Environmental Protect	28,605.62	-	9,252.45	-	37,858.07
4554808900	LINE AGENCIES	Nieves Flores Library	31,160.61	-	16,124.13	(31,160.61)	16,124.13
6069461950	LINE AGENCIES	Dept of Youth Affairs (Federal)	2,227.96	-	803.18	(1,332.56)	1,698.58
6293410000	LINE AGENCIES	Office of the Governor	64,403.41	-	32,527.05	(64,403.41)	32,527.05
6841080463	LINE AGENCIES	Guam Behavioral Health & Wellness	18,246.49	-	5,983.84	(18,246.49)	5,983.84
7928924534	LINE AGENCIES	Guam Visitors Bureau	7,165.47	4,512.45	6,948.88	-	18,626.80
3227759982	LINE AGENCIES	Mental Health/Subst.	220,208.85	-	77,635.04	(220,208.85)	77,635.04
7813165805	LINE AGENCIES	Pacific Energy Resource Center	1,575.69	-	593.64	(758.62)	1,410.71
2913461537	LINE AGENCIES	Dept. of Youth Affair* (Local)	61,949.17	-	21,397.08	(39,944.02)	43,402.23
1073430238	LINE AGENCIES	Dept. of Corrections	326,010.96	-	114,433.39	-	440,444.35
3558733700	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village (NET	28.32	-	14.16	(28.32)	14.16
1099514147	LINE AGENCIES	Dept of Chamorro Affairs/Repository	655.74	-	298.93	-	954.67
9541109130	LINE AGENCIES	General Services Agency	627.76	(1,327.90)	315.86	(303.24)	(687.52)
7663706771	LINE AGENCIES	Yona Senior Citizen Center	3,177.77	-	1,083.16	(1,036.71)	3,224.22
8564647941	LINE AGENCIES	DOA Supply Mgmt (NET METERED)	2,862.14	-	2,003.80	-	4,865.94
0070861777	LINE AGENCIES	Veteran Affairs	9,234.85	-	3,268.10	(5,832.79)	6,670.16
5247210000	LINE AGENCIES	Mayors Council	25,988.10	264.94	4,328.83	-	30,581.87
4129948191	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village	8,000.06	-	4,241.18	(8,000.06)	4,241.18
4211873236	LINE AGENCIES	Dept. of Administration	35,713.34	-	15,849.94	(15,370.70)	36,192.58
1621790133	LINE AGENCIES	DOA-Data Processing	29,067.41	-	16,033.87	-	45,101.28
1595188609	LINE AGENCIES	Dept. of Agriculture	59,106.71	-	18,693.56	(51,970.09)	25,830.18
8300435373	LINE AGENCIES	Civil Defense (Military Affairs)	29,285.37	-	14,664.34	-	43,949.71
0453170939	LINE AGENCIES	Guam Fire Department	66,850.54	-	22,654.35	(66,850.54)	22,654.35
8555858369	LINE AGENCIES	Dept of Chamorro Affairs (Guam Museum)	120,398.25	-	47,389.96	-	167,788.21
1896187753	LINE AGENCIES	Dept. of PH&SS	202,580.73	-	53,359.13	-	255,939.86
0040515913	LINE AGENCIES	Dept. of Parks & Rec.	32,807.86	-	16,709.39	-	49,517.25
2535590089	LINE AGENCIES	DPW-FAC Adm Account	92,631.83	140.27	25,357.22	-	118,129.32
6504086567	LINE AGENCIES	DPW-FAC Adm Account (NET METERED)	60,720.98	-	16,271.52	-	76,992.50
7252821074	LINE AGENCIES	Dept. of Education	4,201,514.59	-	1,539,100.65	(1,277,635.40)	4,462,979.84
0266069082	LINE AGENCIES	Guam Police Department	169,323.01	-	65,267.88	(61,417.52)	173,173.37
Sub-total			5,912,129.59	3,589.76	2,152,604.51	(1,864,499.93)	6,203,823.93

## Mayors

6393530237	MAYORS	Hagatna Mayor	2,589.00	-	872.07	-	3,461.07
4469579998	MAYORS	Merizo Mayor	5,307.77	-	1,917.91	-	7,225.68
1880297633	MAYORS	Talofoto Mayor	5,880.39	-	2,200.10	-	8,080.49
0492244686	MAYORS	Asan/Maina/Adelup Mayor	5,715.30	-	1,879.55	-	7,594.85
3293808984	MAYORS	Piti Mayor	5,301.82	-	1,090.11	-	6,391.93
7202265287	MAYORS	Umatat Mayor	3,679.45	-	1,353.96	-	5,033.41
1837525565	MAYORS	Yona Mayor	11,233.33	-	3,415.58	(4,187.66)	10,461.25
5763167341	MAYORS	Barrigada Mayors Office	13,965.07	-	4,414.19	(9,619.41)	8,759.85
8715052935	MAYORS	Mongmong/Toto/Maite Mayor	4,632.09	-	1,589.87	-	6,221.96
7037924246	MAYORS	Vigo Mayor	16,018.63	-	5,345.47	(10,587.39)	10,776.71
8433959204	MAYORS	Sinajana Mayor	18,509.29	-	6,007.63	(12,824.56)	11,692.36
8472200165	MAYORS	Agana Hts. Mayor	12,572.55	-	4,857.23	(4,262.14)	13,167.64
3832327736	MAYORS	Santa Rita Mayor	14,513.38	-	5,024.95	(9,560.49)	9,977.84
3631627996	MAYORS	Mangilao Mayor	10,049.35	-	3,151.29	(3,174.24)	10,026.40
8041715847	MAYORS	Dededo Mayor	27,489.07	(38.86)	8,185.58	(15,105.23)	20,530.56
6957205325	MAYORS	Tamuning Mayor	21,853.45	-	7,410.79	(14,491.19)	14,773.05
6078244037	MAYORS	Inarajan Mayor	12,088.03	50.00	3,795.17	-	15,933.20
7247791682	MAYORS	Agat Mayor	11,762.72	-	4,120.99	-	15,883.71
9351070242	MAYORS	Ordof/Chalan Pago Mayor	4,245.43	134.48	2,279.29	-	6,659.20
Sub-total			207,406.12	145.62	68,911.73	(83,812.31)	192,651.16

## DPW Accounts

083268062	DPW ACCOUNTS	DPW-Signal Lights	51,259.96	-	12,963.08	-	64,223.04
0930959866	DPW ACCOUNTS	DPW-Primary St. Lights	502,157.43	32,301.90	85,360.23	-	619,819.56
3045433600	DPW ACCOUNTS	DPW-Village St. Lights	1,757,023.02	12,993.32	366,508.25	(582,084.56)	1,554,440.03
3088040552	DPW ACCOUNTS	DPW-Sec/Coil St. Lights	90,116.75	-	21,837.40	(20,532.06)	91,422.09
Sub-total			2,400,557.16	45,295.22	486,668.96	(602,616.62)	2,329,904.72

## Autonomous/Public Corp

## AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
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9,252.45	9,693.21	9,322.91	9,589.50	-	37,858.07
16,124.13	-	-	-	0.00	16,124.13
803.18	895.40	-	-	-	1,698.58
32,527.05	-	-	-	-	32,527.05
5,983.84	-	-	-	-	5,983.84
6,948.88	11,677.92	-	-	-	18,626.80
77,635.04	-	-	-	0.00	77,635.04
593.64	817.07	-	-	-	1,410.71
21,397.08	22,005.15	-	-	0.00	43,402.23
114,433.39	114,374.00	105,504.84	106,132.12	0.00	440,444.35
14.16	-	-	-	-	14.16
298.93	366.63	289.11	-	-	954.67
(687.52)	-	-	-	-	(687.52)
1,083.16	1,160.33	980.73	-	-	3,224.22
2,003.80	1,534.24	1,327.90	-	-	4,865.94
3,268.10	3,402.06	-	-	0.00	6,670.16
4,328.83	4,739.01	3,897.66	3,610.13	14,006.24	30,581.87
4,241.18	-	-	-	0.00	4,241.18
15,849.94	17,231.29	3,111.35	-	0.00	36,192.58
16,033.87	15,439.08	13,628.33	-	-	45,101.28
18,693.56	7,136.62	-	-	0.00	25,830.18
14,664.34	13,443.87	15,841.50	-	-	43,949.71
22,654.35	-	-	-	0.00	22,654.35
47,389.96	41,283.82	37,984.82	41,129.61	-	167,788.21
53,359.13	55,141.94	53,294.01	53,029.40	41,115.38	255,939.86
16,709.39	16,517.28	16,290.58	-	0.00	49,517.25
25,497.49	14,466.61	23,110.08	23,024.70	32,030.44	118,129.32
16,271.52	16,187.87	15,075.45	15,664.18	13,793.48	76,992.50
1,539,100.65	1,562,086.16	1,361,793.03	-	0.00	4,462,979.84
65,267.88	67,469.19	40,436.30	-	0.00	173,173.37
2,151,741.40	1,997,068.75	1,701,888.60	252,179.64	100,945.54	6,203,823.93

	872.07	861.18	749.54	978.28	-	3,461.07
	1,917.91	2,043.75	1,635.80	1,628.22	0.00	7,225.68
	2,200.10	2,092.60	1,870.81	1,888.66	28.32	8,080.49
	1,879.55	1,945.69	1,747.57	2,021.94	0.10	7,594.85
	1,090.11	1,734.63	1,675.12	1,892.07	0.00	6,391.93
	1,353.96	1,237.38	1,104.46	1,337.61	-	5,033.41
	3,415.58	3,290.32	3,755.35	-	0.00	10,461.25
	4,414.19	4,345.66	-	-	-	8,759.85
	1,589.87	1,549.37	1,601.49	1,481.23	0.00	6,221.96
	5,345.47	5,431.24	-	-	-	10,776.71
	6,007.63	5,684.73	-	-	-	11,692.36
	4,857.23	4,649.72	3,660.69	-	0.00	13,167.64
	5,024.95	4,952.89	-	-	-	9,977.84
	3,151.29	3,696.50	3,178.61	-	0.00	10,026.40
	8,146.72	12,383.84	-	-	0.00	20,530.56
	7,410.79	7,362.26	-	-	-	14,773.05
	3,845.17	4,157.14	3,995.47	3,935.42	-	15,933.20
	4,120.99	4,001.97	3,808.78	3,820.28	131.69	15,883.71
	2,279.29	1,720.56	1,290.24	909.78	459.33	6,659.20
	68,922.87	73,141.43	30,073.93	19,893.49	619.44	192,651.16

12,963.08	12,425.57	11,708.50	11,866.48	15,259.41	64,223.04
97,114.11	108,920.05	82,026.58	77,393.21	254,365.61	619,819.56
379,501.57	395,284.27	337,346.76	327,848.92	114,458.51	1,554,440.03
21,837.40	22,264.20	21,104.73	20,532.06	5,683.70	91,422.09
511,416.16	538,894.09	452,186.57	437,640.67	389,767.23	2,329,904.72

# GPA Work Session - November 17, 2022 - GM REPORT UPDATES

GUAM POWER AUTHORITY  
GOVERNMENT ACCOUNTS RECEIVABLE  
Billing up to October 31, 2022 and payments as of 11/11/2022

Current (10/31/2022 Billing due 11/01/2022)  
31 days Arrears 09/30/2022 due 10/01/2022  
61 days and over Arrears (08/31/22 billing due 09/01/2022)

CC&B New Acct Numer		DEPARTMENT	CC&B BALANCE 09/30/2022	CANCEL/REBILL/ SPEC CHARGE 11/11/2022	BILLING 10/31/2022	PAYMENT UP TO 11/11/2022	CC&B BALANCE 11/11/2022
0838495949	AUTONOMOUS/R	Guam Waterworks Authority	2,216,820.06	8,851.54	2,316,676.09	(2,217,004.09)	2,325,343.60
1540692986	AUTONOMOUS/R	Retirement Fund	8,156.38	-	8,138.91	(8,156.38)	8,138.91
4075914809	AUTONOMOUS/R	GPA	-	(136,688.84)	136,688.84	-	-
5357510000	AUTONOMOUS/R	University of Guam (NET METERED)	110,530.16	-	110,192.48	(110,530.16)	110,192.48
6518220019	AUTONOMOUS/R	Guam Community College	62,826.15	-	62,117.62	(62,826.15)	62,117.62
7736362694	AUTONOMOUS/R	Guam Airport Authority	746,805.34	(17,437.00)	793,353.05	(746,805.34)	775,916.05
8302337726	AUTONOMOUS/R	Guam Memorial Hospital	140,123.89	-	50,415.14	-	190,539.03
8426836906	AUTONOMOUS/R	Guam Memorial Hospital (NET METERED)	731,271.04	-	248,924.31	-	980,195.35
9157510000	AUTONOMOUS/R	Guam Community College (NET METERED)	63,754.96	-	62,459.49	(63,754.96)	62,459.49
0563872892	AUTONOMOUS/R	Guam Housing Corp Rental Division	1,606.40	25.00	1,706.26	(1,606.40)	1,731.26
9173210000	AUTONOMOUS/R	Guam Solid Waste Authority	23,147.62	-	12,864.56	(10,544.84)	25,467.34
5434075703	AUTONOMOUS/R	University of Guam	272,465.35	-	273,775.58	(272,465.35)	273,775.58
1699407298	AUTONOMOUS/R	G H U R A	37,330.39	(3,418.13)	36,205.78	(34,592.01)	35,526.03
4474308144	AUTONOMOUS/R	Port Authority of Guam	149,213.14	(1,587.64)	144,224.24	(149,213.14)	142,636.60
Sub-total			4,564,050.88	(150,255.07)	4,257,742.35	(3,677,498.82)	4,994,039.34

## Others

3209463043	OTHERS	Dept. of Military Affairs (NET METERED)	95,978.75	-	69,260.97	-	165,239.72
4530787043	OTHERS	U.S. Post Office	66,336.17	-	65,105.21	(66,336.17)	65,105.21
6000770566	OTHERS	KGTF	27,738.04	-	5,562.67	(8,359.78)	24,940.93
6602566745	OTHERS	Tamuning Post Office	8,648.27	-	6,512.11	(8,648.27)	6,512.11
7541928173	OTHERS	Guam Legislature	462.14	-	433.95	(462.14)	433.95
8108458168	OTHERS	Guam Post Office (Agana)	9,097.51	-	7,848.51	(9,097.51)	7,848.51
8353274954	OTHERS	Superior Court of Guam	84,014.03	-	85,253.66	(84,014.03)	85,253.66
8607446612	OTHERS	Dept. of Military Affairs	240,694.03	-	86,391.83	-	327,085.86
8972267005	OTHERS	Customs & Quarantine Agency	4,915.39	50.00	1,129.91	(3,400.37)	2,694.93
9503154359	OTHERS	Guam Legislature (NET METERED)	12,251.25	-	12,209.64	(12,251.25)	12,209.64
Sub-total			550,135.58	50.00	339,708.46	(192,569.52)	697,324.52

Grand Total 13,634,441.20 (101,174.47) 7,305,474.14 (6,420,997.20) 14,417,743.67

## AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
2,325,343.60	-	-	-	-	2,325,343.60
8,138.91	-	-	-	-	8,138.91
-	-	-	-	-	-
110,192.48	-	-	-	-	110,192.48
62,117.62	-	-	-	-	62,117.62
775,916.05	-	-	-	-	775,916.05
50,415.14	49,294.53	44,900.81	45,928.55	0.00	190,539.03
248,924.31	260,868.85	239,473.05	230,929.14	-	980,195.35
62,459.49	-	-	-	-	62,459.49
1,731.26	-	-	-	-	1,731.26
12,864.56	12,602.78	-	-	0.00	25,467.34
273,775.58	-	-	-	-	273,775.58
34,125.12	1,400.91	-	-	-	35,526.03
142,636.60	-	-	-	-	142,636.60
4,108,640.72	324,167.07	284,373.86	276,857.69	0.00	4,994,039.34

69,260.97	68,485.57	27,493.18	-	-	165,239.72
65,105.21	-	-	-	-	65,105.21
5,562.67	5,821.11	5,162.07	6,923.58	1,471.50	24,940.93
6,512.11	-	-	-	-	6,512.11
433.95	-	-	-	-	433.95
7,848.51	-	-	-	-	7,848.51
85,253.66	-	-	-	-	85,253.66
86,391.83	82,310.25	108,571.15	49,812.63	0.00	327,085.86
1,179.91	905.41	609.61	-	-	2,694.93
12,209.64	-	-	-	-	12,209.64
339,758.46	157,522.34	141,836.01	56,736.21	1,471.50	697,324.52

7,180,479.61 3,090,793.68 2,610,358.97 1,043,307.70 492,803.71 14,417,743.67