



## CONSOLIDATED COMMISSION ON UTILITIES

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

### GUAM POWER AUTHORITY WORK SESSION

*CCU Conference Room*

*4:30 p.m., July 22, 2021*

### AGENDA

**1. CALL TO ORDER**

**2. ISSUES FOR DECISION**

- 2.1 [Approval to Open a New Checking Account with Bank of Guam for GPA's Energy Sense \(DSM\) Program / Resolution 2021-16](#)
- 2.2 [Approval for Change Order on Tank 1935 Out of Service Inspection and Recertification / Resolution 2021-17](#)
- 2.3 [ULSD Storage Agreement – Amendment 2 \(Tank 1907 lease\) / Resolution 2021-18](#)
- 2.4 [RFO Supply Contract – Amendment 1 \(0.2%ULSFO\) / Resolution 2021-19](#)
- 2.5 [Proposed Amendment of Consent Decree between GPA and USEPA / Resolution 2021-20](#)

**3. GM REPORT**

- 3.1 [Updates](#)

**4. ISSUES FOR DISCUSSION**

- 4.1 [GPA Assistance to GDOE as Owner/Engineer](#)

**5. OTHER DISCUSSION**

- 5.1 [CCU Rules Update](#)

**6. DIVISION REPORTS**

- 6.1 [Administration: Customer Service, HR, Procurement, Safety](#)
- 6.2 [Communications](#)
- 6.3 [Engineering & Technical: Engineering, IT, Planning & Regulatory, SPORD](#)
- 6.4 [Finance](#)
- 6.5 [Operations: Facilities, Generation, PSCC, T&D, Transportation](#)

**7. ANNOUNCEMENT**

- 7.1 [Next Meeting: CCU Mtg: July 22nd](#)

**8. ADJOURNMENT**



## GUAM POWER AUTHORITY

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

### Issues for Decision

#### Resolution No. 2021-16

### **Authorizing Guam Power Authority to Open a New Bank Account for the Energy Sense Fund Program**

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

Several attempts to pass fraudulent checks under the checking account for the Energy Sense Fund were intercepted and identified. These fraudulent checks totaled more than \$56,000. The applications for the Energy Sense Rebate Program has averaged 600 submissions per month in fiscal year 2021.

The Bank of Guam is now manually reviewing all checks clearing through this account on a daily basis. In light of the seriousness of this fraudulent activity and the number of rebates applications received, the Bank of Guam has recommended that GPA close the current account and open a new checking account in order to prevent the current perpetrators from continuing their fraudulent activities against this account.

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

As a result of this fraudulent activity, GPA has enrolled the two disbursement accounts with Bank of Guam's Positive Pay program. The initial fee was \$100 for both of the accounts and a recurring fee of \$25 per month per account for the service. Once the new account is established, it will be covered by this program.



**CONSOLIDATED COMMISSION ON UTILITIES**

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

**RESOLUTION NO: 2021-16**

**RELATIVE TO THE AUTHORIZATION FOR THE GUAM POWER AUTHORITY TO  
OPEN A BANK ACCOUNT FOR THE ENERGY SENSE FUND WITH THE BANK OF  
GUAM TO REPLACE THE EXISTING ACCOUNT DUE TO FRAUDULENT ACTIVITY**

**WHEREAS**, the Guam Power Authority (GPA) currently has a checking account with the Bank of Guam (BOG) used solely for the Energy Sense Fund; and

**WHEREAS**, during the months of May and June, staff from the Accounting division detected several fraudulent checks posted on this account; and

**WHEREAS**, due to this fraudulent activity, BOG has strongly advised to close the existing account, open a new checking account and enroll this account with the bank's Positive Pay program in order to monitor fraudulent activity on a daily basis; and

**WHEREAS**, this checking account will be subject to the Bank of Guam fee schedule covering this type of account and services and GPA will maintain appropriate balances to minimize or avoid such fees; and

**NOW, THEREFORE BE IT RESOLVED**, by the Consolidated Commission on Utilities, as follows;

1. The General Manager of the Guam Power Authority is authorized to open a checking account with the Bank of Guam to replace the existing account for the Energy Sense Fund; and

- 1        2.        The following GPA personnel are authorized to sign financial instruments including  
2                checks, bank transfers and other transaction documents and to authorize other types of  
3                payments on behalf of the Guam Power Authority:  
4                JOHN M. BENAVENTE, P.E., General Manager  
5                MELINDA R. CAMACHO, P.E., Assistant General Manager of Operations  
6                JOHN J.E. KIM, Chief Financial Officer  
7                MARIPAZ N. PEREZ, Assistant Chief Financial Officer  
8                LENORA M. SANZ, Controller  
9        3.        Transaction amounts of \$10,000.00 or less will require a single signatory. All other  
10               transactions will require two (2) signatories.  
11        4.        The Chairman and Secretary of the Consolidated Commission on Utilities are authorized  
12               to sign specific banking resolutions for individual banks from time to time which are  
13               generally consistent with this authorization.  
14

15               **RESOLVED**, that the Chairman certifies and the Board Secretary attests to the adoption  
16 of this Resolution.  
17

18               **DULY AND REGULARLY ADOPTED AND APPROVED THIS 27TH DAY OF**  
19 **JULY 2021.**  
20

21 Certified by:

Attested by:

22  
23  
24 \_\_\_\_\_  
25 **JOSEPH T. DUENAS**

26 **Chairperson**  
27  
28  
29  
30  
31  
32  
33  
34

\_\_\_\_\_  
**MICHAEL T. LIMTIACO**

**Secretary**

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34

**SECRETARY’S CERTIFICATE**

**I, Michael T. Limtiaco**, Secretary for the Consolidated Commission on Utilities, as evidenced by my signature above do certify as follows: The foregoing is a full, true, and accurate copy of the resolution duly adopted at a regular meeting of the members of the Guam Consolidated Commission on Utilities, duly and legally held at the place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

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

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

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

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



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

## Issues for Decision

### Resolution No. 2021-17:

#### Relative to Authorizing Expenditure for Out of Service Inspection and Refurbishment of GPA Bulk Storage Fuel Tanks

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

The project involves the internal inspection and refurbishment of the bulk storage fuel tanks and appurtenances. The tanks need to undergo the required internal inspection to comply with regulatory requirements and refurbish as necessary to ensure the structural integrity and safe operations of the tanks. The project also includes upgrading of the facility's auxiliary system to assure uninterrupted supply of fuel for the power plants. The last inspection was conducted in 2007. Inspections are required to be performed every ten (10) years. During the tank draining more sludge than anticipated was discovered.

##### Where is it at?

This change order is for Tank 1935, which originally was used to store HSFO. The tank is located at GPA's Fuel Tank Farm in Piti.

##### How much will it cost?

A	1935 Current Tank Content	3,148	barrels
B	Assumed 70.05% of Tank Content is Sludge	2,220	barrels
C	Previously Approved Contract for Sludge Disposal	701	barrels
	B - C	1,519	barrels
	Disposal Costs @ \$790/barrel	X \$790.00	
	<b>Change Order Cost</b>	<b>\$1,200,010.00</b>	
	Previously Approved Contract Cost	\$9,542,710.06	
		<b>\$10,742,720.56</b>	

##### When will it be completed?

Tank 1935 Sludge Removal, Inspection, Repairs, Sandblasting and Painting is anticipated to be completed by December 2021.

##### What is its funding source?

Revenue funds will be utilized for this change order amount.



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

**GPA RESOLUTION NO. 2021 -17**

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

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

**WHEREAS**, the bulk storage fuel tanks last underwent internal inspection and refurbishment in 2007; and

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

**WHEREAS**, upon completion of the out of service/internal inspection and refurbishment of the bulk storage fuel tanks, they will be utilized to store ULSD fuel to supply Piti Power Plant 7 and upon ULSD conversion for Piti Power Plants 8 and 9 and the proposed 180 MW power plant; and

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

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

**WHEREAS**, the Construction Change Order is for the incremental volume of the sludge to be removed from Tank 1935 and disposed of as per EPA regulations; and

**WHEREAS**, the actual incremental volume of the sludge is approximately 1,519 barrels in excess of what was covered in the previously approved Scope of Work and Contract Amount totaling \$9,542,710.56; and

**WHEREAS**, the proposed Construction Change Order total cost is \$1,200,010.00 which reflects a discounted amount of \$790 per barrel to dispose of sludge; and

**WHEREAS**, completing the additional work is required in order to perform the next sequence of project activities and meet the USEPA compliance schedule.

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

4  
5           **NOW, THEREFORE, BE IT RESOLVED**, by the Consolidated Commission on Utilities as  
6 follows:

- 7  
8           1. After careful review of the attached documents, the Consolidated Commission on  
9 Utilities finds the expenditure for the Out of Service Inspection and Refurbishment of  
10 GPA Bulk Storage Fuel Tank Construction Change Order to be reasonable, prudent and  
11 necessary for the use of Insurance Proceeds.  
12           2. The General Manager is hereby authorized increased obligating authority from  
13 \$9,542,710.56 to \$10,742,720.56 for the Out of Service Inspection and Refurbishment  
14 Services for the GPA Bulk Storage Fuel Tanks Construction Change Order utilizing  
15 Revenue Funds.

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

19  
20           **DULY AND REGULARLY ADOPTED AND APPROVED THIS 27<sup>th</sup> DAY OF JULY, 2021.**

21  
22 Certified by:

Attested by:

23  
24 \_\_\_\_\_  
25 JOSEPH T. DUENAS  
26 Chairperson  
27 Consolidated Commission on Utilities

28 \_\_\_\_\_  
29 MICHAEL T. LIMTIACO  
30 Secretary  
31 Consolidated Commission on Utilities  
32  
33



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

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

7

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

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

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

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



**GUAM POWER AUTHORITY**  
**ATURIDÁT ILEKTRESEDÁT GUAHAN**  
**P.O. BOX 2977, HÅGATÑA, GUAM 96932-2977**

## **Issues for Decision**

**Resolution No.: 2021-18**

**Relative to Authorizing GPA to Lease an Additional Storage Tank from Tristar Terminals, Guam, Inc.**

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

For the purpose of ensuring adequate inventory of ULSD to meet the supply requirements of the Piti 8 & 9 and the Ukudu plants, GPA intends to lease an additional storage tank of 196,000-barrels capacity from Tristar Terminals Guam, Inc (hereinafter referred to as "TTGI").

**Where is the location?**

Tristar, Agat

**How much will it cost?**

GPA is seeking the approval of the CCU for the lease of the additional 196,000-barrel capacity storage tank, for an annual cost of **approximately \$1,764,000 for the first year, and \$1,176,000 annually for the extension years, excluding handling and throughput fees.**

**What is its funding source?**

Revenue Funded



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

**RESOLUTION NO. 2021-18**

**AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO LEASE AN ADDITIONAL STORAGE TANK FROM TRISTAR TERMINALS, GUAM, INC.**

**WHEREAS**, GPA currently lease a ULSD storage tank from Tristar Terminals Guam, Inc (hereinafter referred to as "TTGI"); and

**WHEREAS**, for the purpose of ensuring adequate inventory of ULSD to meet the supply requirements of the Piti 8 & 9 and the Ukudu plants, GPA intends to lease an additional storage tank of 196,000-barrels capacity from TTGI; and

**WHEREAS**, TTGI would need at least six (6) months' notice to prepare the tank for ULSD storage; and

**WHEREAS**, GPA is seeking the approval of the CCU for the lease of the additional 196,000-barrel capacity storage tank, for an annual cost of approximately \$1,764,000 for the first year, and \$1,176,000 annually for the extension years, excluding handling and throughput fees.

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

1. GPA's request to lease additional ULSD storage tank to ensure adequacy of supply to the power plants is reasonable and prudent.
2. GPA is authorized to enter into an agreement with Tristar Terminals Guam, Inc. for the lease of an additional 196,000-barrel capacity ULSD storage tank, at an annual cost of approximately \$1,764,000 for the first year, and \$1,176,000 annually for the extension years, excluding handling and throughput fees.
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 of the Commission certifies and the Secretary of the Commission attests the adoption of this Resolution.

**DULY AND REGULARLY ADOPTED AND APPROVED THIS 27<sup>th</sup> DAY OF JULY 2021.**

Certified by:

Attested by:

\_\_\_\_\_  
JOSEPH T. DUENAS  
Chairperson  
Consolidated Commission on Utilities

\_\_\_\_\_  
MICHAEL T. LIMTIACO  
Secretary  
Consolidated Commission on Utilities

**SECRETARY'S CERTIFICATE**

I, Michael T. Limtiaco, Secretary for the Consolidated Commission on Utilities (CCU), as evidenced by my signature above do certify as follows: The foregoing is a full, true, and accurate copy of the resolution duly adopted at a regular meeting of the members of 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: \_\_\_\_\_

Resolution No. 2021-18

Tank Estimated Shell Capacity in Barrels	200,000		
Tank Estimated Safe Capacity in Barrels	196,000		
<b>Contract Term in Years</b>	<b>1</b>	<b>2</b>	<b>3</b>
Proposed Storage Rate Per Barrel Tank Capacity	\$9.00	\$7.50	\$6.00
Estimated Annual Contract Value	\$1,764,000	\$1,470,000	\$1,176,000
Proposed Storage Rate Per Barrel During Extended Years	\$6.00	\$6.00	\$6.00
Estimated Annual Contract Value - Extended Years	\$1,176,000	\$1,176,000	\$1,176,000



**GUAM POWER AUTHORITY**  
**ATURIDÁT ILEKTRESEDÁT GUAHAN**  
**P.O. BOX 2977, HÅGATÑA, GUAM 96932-2977**

**Issues for Decision**

**Resolution No.: 2021-19**

**RELATIVE TO AUTHORIZING GPA TO AMEND THE CONTRACT FOR THE  
SUPPLY RESIDUAL FUEL OIL NO.6**

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

GPA entered into a contract under GPA-050-20, for the Supply of Residual Fuel Oil No.6 with Hyundai Corporation (hereinafter referred to as the "Contractor"). The term of the contract is for an initial period of three (3) consecutive years to commence on September 01, 2020 and to expire in August 31, 2023, with option to extend for 2 additional years. The fuel grades to be supplied under the contract consist of the Low Sulfur Fuel Oil ("LSFO") with a sulfur limit of 1.19% by weight and High Sulfur Fuel Oil ("HSFO") with a sulfur content limit of 2.00% by weight, respectively.

The Consent Decree between GPA and USEPA requires GPA to substitute the LSFO and HSFO and transition to Ultra-Low Sulfur Fuel Oil ("ULSFO") with a sulfur limit of 0.2% by weight, no later than December 31, 2022.

**How much will it cost?**

The **estimated Fixed Premium Fee** cost for the 0.2% ULSFO based on the estimated commodity price and annual supply quantity of 1,500,000 barrels (235,849 metric tons) has a **value of approximately \$18,632,075 per year**.

The estimated contract unit cost for the 0.2% ULSFO based on the **estimated commodity price of \$80.710 per barrel (or \$601.290 per metric ton @ 7.45 bbl/MT) plus the Fixed Premium Fee of \$79.000 per metric ton is equivalent to \$680.290 per metric ton**.

The estimated annual contract cost based on the estimated annual supply quantity has a value of **approximately \$160,445,636 per year**.



**GUAM POWER AUTHORITY**  
**ATURIDÅT ILEKTRESEDÅT GUAHAN**  
**P.O. BOX 2977, HÅGATÑA, GUAM 96932-2977**

**EXHIBIT A**

**HYUNDAI PROPOSAL FOR ULSFO (0.20% sulfur)**

**Fixed Premium Fee = \$79.000/MT**

**ESTIMATED EXPENSES:**

A. Estimated Quantity:		
<u>bbls/yr</u>	<u>Conversion (bbl/MT)</u>	<u>MT/yr</u>
1,500,000	6.36	<b>235,849</b>
B. Reference Price (MOPS, Gasoil 10 ppm commodity): (Sample date: July 01, 2021)		
<u>MOPS (\$/bbl)</u>	<u>Conversion (bbl/MT)</u>	<u>\$/MT</u>
80.710	7.45	<b>\$601.290</b>
C. Fixed Premium Fee (per contract), \$/MT		<b><u>\$79.000</u></b>
D. Unit Cost (B+C), \$/MT		<b>\$680.290</b>
E. PREMIUM FEE COST (A x C), \$/yr		\$18,632,075.47
F. CONTRACT COST (A x D), \$/yr		<b>\$160,445,636.79</b>

**What is its funding source?**

[Revenue Funded](#)



**CONSOLIDATED COMMISSION ON UTILITIES**

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

**RESOLUTION NO. 2021- 19**

**AUTHORIZING MANAGEMENT OF THE GUAM POWER AUTHORITY TO AMEND THE CONTRACT FOR THE  
SUPPLY RESIDUAL FUEL OIL NO.6**

**WHEREAS**, GPA entered into a contract under GPA-050-20, for the Supply of Residual Fuel Oil No.6  
with Hyundai Corporation (hereinafter referred to as the “Contractor”); and

**WHEREAS**, the term of the contract is for an initial period of three (3) consecutive years to  
commence on September 01, 2020 and to expire in August 31, 2023, with option to extend for 2 additional  
years; and

**WHEREAS**, the fuel grades to be supplied under the contract consist of the Low Sulfur Fuel Oil  
(“LSFO”) with a sulfur limit of 1.19% by weight and High Sulfur Fuel Oil (“HSFO”) with a sulfur content limit  
of 2.00% by weight, respectively; and

**WHEREAS**, the Consent Decree between GPA and USEPA requires GPA to substitute the LSFO and  
HSFO and transition to Ultra-Low Sulfur Fuel Oil (“ULSFO”) with a sulfur limit of 0.2% by weight, no later than  
December 31, 2022; and

**WHEREAS**, pursuant to Section 14 (Government Laws and Regulations) of the contract, GPA and  
the Contractor have negotiated for the price of the substitute fuel; and

**WHEREAS**, evaluation of the price proposal submitted by Hyundai for the Fixed Premium Fee of the  
ULSFO (0.2% sulfur) is provided in **Exhibit A**; and

**WHEREAS**, the Fixed Premium Fee for the 0.2% ULSFO is \$79.000 per metric ton, linked to the Gasoil  
10pm commodity posted on the Platts APAG Marketscan Report; and



31           **WHEREAS**, the estimated Fixed Premium Fee cost for the 0.2% ULSFO based on the estimated  
32 commodity price and annual supply quantity of 1,500,000 barrels (235,849 metric tons) has a value of  
33 approximately \$18,632,075 per year; and  
34

35           **WHEREAS**, GPA has determined that the Fixed Premium Fee for the 0.2% ULSFO is reasonable and  
36 provides the lowest cost for the Authority; and  
37

38           **WHEREAS**, the estimated contract unit cost for the 0.2% ULSFO based on the estimated commodity  
39 price of \$80.710 per barrel (or \$601.290 per metric ton @ 7.45 bbl/MT) plus the Fixed Premium Fee of  
40 \$79.000 per metric ton is equivalent to \$680.290 per metric ton. The estimated annual contract cost based  
41 on the estimated annual supply quantity has a value of approximately **\$160,445,636 per year**; and  
42

43           **WHEREAS**, the supply of the 0.2% ULSFO is anticipated to commence in January 01, 2022; and  
44

45           **NOW THEREFORE, BE IT RESOLVED**, by the CONSOLIDATED COMMISSION ON UTILITIES as the  
46 governing body of GPA, and subject to the review and approval of the Public Utilities Commission as follows:  
47

- 48       1.     The General Manager of the Guam Power Authority is hereby authorized to enter into a contract  
49           amendment with **HYUNDAI CORPORATION** for the supply of 0.2% ULSFO commencing on or about  
50           January 01, 2022.  
51
- 52       2.     The General Manager of the Guam Power Authority is hereby authorized an increase in obligating  
53           authority to the annual value of the contract estimated at **\$160,445,636 per year** and execute such  
54           agreements and documents necessary for a contract with **HYUNDAI CORPORATION**.  
55

56           **RESOLVED**, that the Chairman of the Commission certifies and the Board Secretary attests the  
57 adoption of this Resolution.  
58  
59  
60  
61  
62  
63  
64

65

66

**DULY and REGULARY ADOPTED AND APPROVED THIS 27TH DAY of JULY 2021.**

67

**Certified by:**

**Attested by:**

---

**JOSEPH T. DUENAS**

Chairperson

Consolidated Commission on Utilities

---

**MICHAEL LIMTIACO**

Secretary

Consolidated Commission on Utilities

68

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

71

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

76

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

78

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

80

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

82

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

83

84

**EXHIBIT A****HYUNDAI PROPOSAL FOR ULSFO (0.20% sulfur)****Fixed Premium Fee = \$79.000/MT****ESTIMATED EXPENSES:**

A. Estimated Quantity:		
<u>bbls/yr</u>	<u>Conversion (bbl/MT)</u>	<u>MT/yr</u>
1,500,000	6.36	<b>235,849</b>
B. Reference Price (MOPS, Gasoil 10 ppm commodity): (Sample date: July 01, 2021)		
<u>MOPS (\$/bbl)</u>	<u>Conversion (bbl/MT)</u>	<u>\$/MT</u>
80.710	7.45	<b>\$601.290</b>
C. Fixed Premium Fee (per contract), \$/MT		<b><u>\$79.000</u></b>
D. Unit Cost (B+C), \$/MT		<b>\$680.290</b>
E. PREMIUM FEE COST (A x C), \$/yr		\$18,632,075.47
F. CONTRACT COST (A x D), \$/yr		<b>\$160,445,636.79</b>

**EXHIBIT B****HYUNDAI CONTRACT  
FIXED PREMIUM FEE & ESTIMATED UNIT COST COMPARISON**

Fuel Grade	Sulfur % (max.)	Reference Commodity	Commodity Price* \$/MT	Fixed Premium Fee \$/MT	Unit Cost \$/MT	Differential Cost	
						\$/MT	%
A. HSFO	2.00	HSFO 180 cst	\$428.810	\$71.690	\$500.500		
B. LSFO	1.19	HSFO 180 cst	\$428.810	\$124.690	\$553.500	\$53.000	11%
C. ULSFO	0.20	Gasoil 10 ppm	\$601.290	\$79.000	\$680.290	\$126.790	23%

B vs. A

C vs. B

\*Sample date: 07/01/21

Fuel Grade	Sulfur % (max.)	Reference Commodity	Commodity Price* \$/bbl	Fixed Premium Fee \$/bbl	Unit Cost \$/bbl	Differential Cost	
						\$/MT	%
A. HSFO	2.00	HSFO 180 cst	\$67.423	\$11.272	\$78.695		
B. LSFO	1.19	HSFO 180 cst	\$67.423	\$19.605	\$87.028	\$8.333	11%
C. ULSFO	0.20	Gasoil 10 ppm	\$80.710	\$26.254	\$106.964	\$19.935	23%

B vs. A

C vs. B

**HYUNDAI CONTRACT****FIXED PREMIUM FEE & ESTIMATED UNIT COST COMPARISON**

Fuel Grade	Sulfur % (max.)	Reference Commodity	Commodity Price* \$/MT	Fixed Premium Fee \$/MT	Unit Cost \$/MT	Differential Cost	
						\$/MT	%
A. HSFO	2.00	HSFO 180 cst	\$428.810	\$71.690	\$500.500		
B. LSFO	1.19	HSFO 180 cst	\$428.810	\$124.690	\$553.500	\$53.000	11%
C. ULSFO	0.20	Gasoil 10 ppm	\$601.290	\$79.000	\$680.290	\$126.790	23%

B vs. A

C vs. B

\*Sample date: 07/01/21

Fuel Grade	Sulfur % (max.)	Reference Commodity	Commodity Price* \$/bbl	Fixed Premium Fee \$/bbl	Unit Cost** \$/bbl	Differential Cost	
						\$/MT	%
A. HSFO	2.00	HSFO 180 cst	\$67.42	\$11.272	\$78.695		
B. LSFO	1.19	HSFO 180 cst	\$67.423	\$19.605	\$87.028	\$8.333	11%
C. ULSFO	0.20	Gasoil 10 ppm	\$80.710	\$26.254	\$106.964	\$19.935	23%

B vs. A

C vs. B

Fuel Grade	Sulfur % (max.)	Reference Commodity	Conversion Factor	
			*Commodity	**Unit Cost
			bbl/MT	bbl/MT
A. HSFO	2.00	HSFO 180 cst	\$6.360	\$6.360
B. LSFO	1.19	HSFO 180 cst	\$6.360	\$6.360
C. ULSFO	0.20	Gasoil 10 ppm	\$7.450	\$6.360



## GUAM POWER AUTHORITY

ATURIDĀT ILEKTRESEDĀT GUAHAN  
P.O.BOX 2977 • HAGĀTŊA, GUAM U.S.A. 96932-2977

### Issues for Decision

#### Resolution No. 2021-20

#### Proposed Amendment of Consent Decree between GPA and USEPA

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

The U.S. Environmental Protection Agency (USEPA) filed a complaint against GPA alleging violations of the Clean Air Act ("CAA"), and on April 20, 2020, the Court entered the Consent Decree to resolve the alleged violations of the CAA. The COVID-19 pandemic has adversely impacted GPA's ability to timely fulfill some of the Consent Decree compliance requirements. The pandemic's impacts, which include the government of Guam's quarantine requirements and travel restrictions, have also impacted GPA's energy partners in Asia and hindered Guam's administrative operations, including the permitting and historic preservation work needed to fulfill the Consent Decree requirements.

The State Implementation Plan ("SIP") requires GPA to be in compliance by April 2023 by switching to a lower sulfur fuel, and in order to reach attainment with federal standards for sulfur dioxide emissions, GPA has agreed to transition to a fuel that is "cleaner" than the fuel required under the existing Consent Decree. Specifically, GPA has agreed to transition to a fuel with sulfur content of no greater than 0.2% to power Cabras Units 1 and 2 until their retirement. This will substantially reduce emissions as compared to the low sulfur residual fuel oil ("RFO") allowed by the Consent Decree.

The parties have agreed to certain modifications of the Consent Decree, most of which pertain to the schedules for implementing the injunctive relief required by the Decree.

##### How long will it take?

In addition to CCU approval, the amendment to the Consent Decree must be authorized by the Assistant Attorney General for the Environment and Natural Resources Division of the Department of Justice. Once the Department of Justice (DOJ) files the amendment to the consent decree with the United States District Court of Guam, a public notice will be published in the Federal Register, after which the public will have 30 days in which to submit comments. After the close of the public comment period, the DOJ, in coordination with EPA, will respond to any comments submitted and request that the Court approve the amendment to the Consent Decree as an order of the court.



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

1 **RESOLUTION NO. 2021-20**

2 **Relative to Approving the Proposed Amendment to the Consent Decree with the United**  
3 **States Environmental Protection Agency (USEPA)**  
4

5 **WHEREAS**, the U.S. Environmental Protection Agency (USEPA) filed a complaint against  
6 GPA alleging violations of the Clean Air Act ("CAA"), and on April 20, 2020, the Court entered  
7 the Consent Decree to resolve the alleged violations of the CAA; and

8 **WHEREAS**, the COVID-19 pandemic has adversely impacted GPA's ability to timely fulfill  
9 some of the Consent Decree compliance requirements. The pandemic's impacts, which  
10 include the government of Guam's quarantine requirements and travel restrictions, have also  
11 impacted GPA's energy partners in Asia and hindered Guam's administrative operations,  
12 including the permitting and historic preservation work needed to fulfill the Consent Decree  
13 requirements; and

14 **WHEREAS**, the military buildup on Guam also has impacted GPA's schedule for fulfilling  
15 certain Consent Decree compliance requirements. This buildup has resulted in competition  
16 for materials and resources, labor shortages, and more stringent government oversight and  
17 approval processes, and other factors – including fuel storage limitations, permitting delays,  
18 and significant adverse weather conditions – have impacted GPA's ability to timely comply  
19 with certain Consent Decree provisions as well; and

20 **WHEREAS**, the State Implementation Plan ("SIP") requires GPA to be in compliance by  
21 April 2023 by switching to a lower sulfur fuel, and in order to reach attainment with federal  
22 standards for sulfur dioxide emissions, GPA has agreed to transition to a fuel that is  
23 "cleaner" than the fuel required under the existing Consent Decree. Specifically, GPA has  
24 agreed to transition to a fuel with sulfur content of no greater than 0.2% to power Cabras  
25 Units 1 and 2 until their retirement. This will substantially reduce emissions as compared to  
26 the low sulfur residual fuel oil ("RFO") allowed by the Consent Decree; and

27 **WHEREAS**, the parties have agreed to certain modifications of the Consent Decree,  
28 most of which pertain to the schedules for implementing the injunctive relief required by  
29 the Decree.

The following is a redline and strikeout summary of the proposed modifications:

- a. Paragraph 18: By ~~May 1, 2021~~ December 31, 2021, construction of the new ULSD pipelines described in Paragraph 16 shall be completed.
- b. Paragraph 22: By ~~December 31, 2021~~ July 31, 2022, and continuing thereafter, GPA shall: (1) complete the installation of oxidation catalysts at Piti Units 8 and 9; (2) use only ULSD as a fuel to power Piti Units 8 and 9; and (3) otherwise comply with all requirements of the RICE NESHAP at those Units.
- c. Paragraph 23: Beginning ~~December 31, 2021~~ July 31, 2022, and continuing thereafter, GPA shall test the sulfur content of all fuels used at Piti Units 8 and 9. GPA shall arrange for such tests by sampling and analyzing each shipment of fuel to be used at these Units, both before it leaves its location of origin (e.g., Singapore) and after it arrives at the Apra Harbor unloading dock on Guam. GPA shall use the test methods contained in ASTM D2880 in ascertaining the sulfur content of these fuels, and shall maintain records of the fuel sulfur content as part of the recordkeeping obligations established in Paragraphs 24 and 25.
- d. Paragraph 24: By ~~December 31, 2021~~ July 31, 2022, and continuing thereafter, as long as MEC operates Piti Units 8 and 9 and the requirements of Paragraph 22 have not yet been met, MEC shall create and maintain for at least five years, in a form suitable for inspections, a daily record showing the amount(s) (e.g., gallons) and type(s) of fuel (e.g., ULSD or RFO) used to power Piti Units 8 and 9.
- e. Paragraph 25: By ~~December 31, 2021~~ July 31, 2022, and continuing thereafter, if at any time GPA operates, directly or through a third party, Piti Units 8 and 9, and the requirements of Paragraph 22 have not yet been met, GPA shall create and maintain for at least five years, in a form suitable for inspections, a daily record showing the amount(s) (e.g., gallons) and type(s) of fuel (e.g., ULSD or RFO) used to power Piti Units 8 and 9.



- 59 f. Paragraph 27: On-site construction activities for the new power plant  
60 described in Paragraph 26 shall meet the following interim milestones: (1) all  
61 concrete foundations and pads shall be poured and completed by July 31,  
62 ~~2021~~ 2022; (2) a complete engineering report for the entire project shall be  
63 completed by January 31, 2021; and (3) installation of the new generating  
64 units shall commence by ~~April 1, 2022~~ November 1, 2022.
- 65 g. Paragraph 28: By ~~October 31, 2022~~ April 30, 2024, GPA shall operate 180  
66 MW of new generation utilizing only ULSD, at least initially, but capable of  
67 burning natural gas.
- 68 h. Paragraph 29: At the time one of the two main tanks at the Peterra Tank  
69 Farm is removed from service so that it can be refurbished to handle ULSD,  
70 GPA shall submit a notification to EPA setting forth the identification of the  
71 tank removed from service (#1934 or #1935) and the date it was emptied  
72 and removed from service (~~"Tank Refurbishment Date"~~). ~~Beginning no later~~  
73 ~~than the Tank Refurbishment Date and continuing thereafter, GPA shall use~~  
74 ~~only Low Sulfur Residual Fuel Oil as a fuel to power Cabras Units 1 and 2.~~  
75 Once the other, second tank has been emptied of high sulfur RFO, including  
76 all sludge from the high sulfur RFO, but in no event later than December 31,  
77 2022, and continuing thereafter, GPA shall use a blended fuel with no greater  
78 than 0.2% sulfur by weight to power Cabras Units 1 and 2.
- 79 i. Paragraph 30: Beginning on ~~the Tank Refurbishment Date~~ December 31,  
80 2022 and continuing thereafter until GPA, or a third party on behalf of GPA,  
81 no longer operates Cabras Units 1 and 2, GPA shall test the sulfur content of  
82 all fuels used at Cabras Units 1 and 2. GPA shall arrange for such tests by  
83 sampling and analyzing each shipment of fuel to be used at these Units, both  
84 before it leaves its location of origin (e.g., Singapore) and after it arrives at  
85 the Apra Harbor unloading dock on Guam.
- 86  
87

- 88 GPA shall use the test methods contained in ASTM D2880 in ascertaining the  
89 sulfur content of these fuels and shall maintain records of the fuel sulfur  
90 content as part of the recordkeeping obligations established in Paragraph 31.
- 91 j. Paragraph 31: Beginning on ~~the Tank Refurbishment Date~~ December 31,  
92 2022, and continuing thereafter until GPA, or a third party on behalf of GPA,  
93 no longer operates Cabras Units 1 and 2, GPA shall create and maintain for at  
94 least five years, in a form suitable for inspections, a daily record showing the  
95 amount(s) (e.g., gallons) and type(s) of fuel (e.g., Low Sulfur Residual Fuel Oil  
96 or RFO) used to power Cabras Units 1 and 2.
- 97 k. Paragraph 32: By October 31, ~~2022~~ 2024, GPA shall permanently Retire  
98 Cabras Units 1 and 2.
- 99 l. Paragraph 42: Within 30 Days of the Effective Date, GPA shall award a  
100 contract for at least 100 MW of solar power, with construction to be  
101 completed by December 31, ~~2021~~ 2023. This 100 MW of power is in addition  
102 to 25 MW of solar power that GPA has already installed at the Dandan  
103 facility.
- 104 m. Paragraph 43: ~~Within 30 Days of the Effective Date~~ By March 1, 2021, GPA  
105 shall complete installation and operation of a 40 MW energy storage system.  
106 The energy storage system shall consist of: (1) a renewable integration  
107 system at the Talofofo Substation with an instantaneous delivery capacity of  
108 16 MW and a storage capacity of 16 MW hours; and (2) a frequency  
109 regulating system at the Agana Substation with an instantaneous delivery  
110 capacity of 24 MW and a storage capacity of 6 MW hours.
- 111 n. Paragraph 55.e: Failure to use only ULSD at Piti Units 8 and 9 after ~~December~~  
112 ~~31, 2021~~ July 31, 2022, pursuant to Paragraph 22, \$1,500 per Day for the first  
113 30 Days of noncompliance, \$4,500 per Day for the 31st through 60th Day of  
114 noncompliance, and \$7,500 per Day thereafter for either Unit or both Units.
- 115  
116

- 117 o. Paragraph 55.g: Failure to commence operation of 180 MW of new  
118 generating power at the new power plant by ~~October 31, 2022~~ April 30,  
119 2024, pursuant to Paragraph 28, \$1,000 per Day for the first 30 Days of  
120 noncompliance, \$1,500 per Day for the 31st through 60th Day of  
121 noncompliance, and \$2,000 per Day thereafter.
- 122 p. Paragraph 55.h: Failure to use only Low Sulfur Residual Fuel Oil at Cabras  
123 Units 1 and 2 after ~~the Tank Refurbishment Date~~ December 31, 2022  
124 pursuant to Paragraph 29, \$1,000 per Day for the first 30 Days of  
125 noncompliance, \$2,000 per Day for the 31st through 60th Day of  
126 noncompliance, and \$5,000 per Day thereafter for either Unit or both Units.
- 127 q. Paragraph 55.i: Failure to Retire Cabras Units 1 and 2 by October 31, ~~2022~~  
128 2024, pursuant to Paragraph 32, \$1,000 per Day for the first 30 Days of  
129 noncompliance, \$3,000 per Day for 31<sup>st</sup> through 60<sup>th</sup> Day of noncompliance,  
130 and \$5,000 per Day thereafter for either Unit of both Units.

131  
132 **WHEREAS**, in addition to CCU approval, the amendment to the Consent Decree must be  
133 authorized by the Assistant Attorney General for the Environment and Natural Resources  
134 Division of the Department of Justice. Once the Department of Justice (DOJ) files the  
135 amendment to the consent decree with the United States District Court of Guam, a public  
136 notice will be published in the Federal Register, after which the public will have 30 days in  
137 which to submit comments. After the close of the public comment period, the DOJ, in  
138 coordination with EPA, will respond to any comments submitted and request that the Court  
139 approve the amendment to the Consent Decree as an order of the court.

140  
141 **NOW THEREFORE, BE IT RESOLVED**, by the Consolidated Commission on Utilities, as follows:

- 142 1. For all the reasons listed herein, and based on all the additional information  
143 provided by GPA over the course of the extensive negotiation process with the  
144 USEPA and the US Department of Justice (DOJ), the CCU determines that is in the  
145 best interest of the ratepayers of Guam to proceed with the proposed amendment  
146 to the Consent Decree with USEPA and DOJ.

147           **RESOLVED**, that the Chairman of the Commission certifies and the Secretary of the  
148 Commission attests the adoption of this Resolution.

149

150           **DULY and REGULARLY ADOPTED this 27<sup>th</sup> day of July, 2021.**

151

**Certified by:**

**Attested by:**

---

**JOSEPH T. DUENAS**

Chairperson

Consolidated Commission on Utilities

---

**MICHAEL LIMTIACO**

Secretary

Consolidated Commission on  
Utilities

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

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

158

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

160

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

162

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

164

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

# Negotiated Consent Decree Changes

## JULY 2021



## USEPA and GPA have agreed on the following changes to the consent decree subject to required approvals:

### 1. The following is a redline and strikeout summary of the proposed modifications:

- Paragraph 18: By ~~May 1, 2021~~ December 31, 2021, construction of the new ULSD pipelines described in Paragraph 16 shall be completed.
- Paragraph 22: By ~~December 31, 2021~~ July 31, 2022, and continuing thereafter, GPA shall: (1) complete the installation of oxidation catalysts at Piti Units 8 and 9; (2) use only ULSD as a fuel to power Piti Units 8 and 9; and (3) otherwise comply with all requirements of the RICE NESHAP at those Units.
- Paragraph 28: By ~~October 31, 2022~~ April 30, 2024, GPA shall operate 180 MW of new generation utilizing only ULSD, at least initially, but capable of burning natural gas.



- No event later than **December 31, 2022**, and continuing thereafter, GPA shall use a blended fuel with no greater than 0.2% sulfur by weight to power Cabras Units 1 and 2.
- Paragraph 32: By **October 31, 2022 2024**, GPA shall permanently Retire Cabras Units 1 and 2.
- Paragraph 42: Within 30 Days of the Effective Date, GPA shall award a contract for at least 100 MW of solar power, with construction to be completed by **December 31, 2021 2023**. This 100 MW of power is in addition to 25 MW of solar power that GPA has already installed at the Dandan facility.
- Paragraph 43: ~~Within 30 Days of the Effective Date~~ **By March 1, 2021**, GPA shall complete installation and operation of a 40 MW energy storage system.



## Revised Stipulated Penalties for non-compliance:

- Failure to use only ULSD at Piti Units 8 and 9 after July 31, 2022, pursuant to Paragraph 22, \$1,500 per Day for the first 30 Days of noncompliance, \$4,500 per Day for the 31st through 60th Day of noncompliance, and \$7,500 per Day thereafter for either Unit or both Units.
- Failure to commence operation of 180 MW of new generating power at the new power plant by April 30, 2024, pursuant to Paragraph 28, \$1,000 per Day for the first 30 Days of noncompliance, \$1,500 per Day for the 31st through 60th Day of noncompliance, and \$2,000 per Day thereafter.
- Failure to use only Low Sulfur Residual Fuel Oil at Cabras Units 1 and 2 after December 31, 2022 pursuant to Paragraph 29, \$1,000 per Day for the first 30 Days of noncompliance, \$2,000 per Day for the 31st through 60th Day of noncompliance, and \$5,000 per Day thereafter for either Unit or both Units.
- Failure to Retire Cabras Units 1 and 2 by October 31, 2024, pursuant to Paragraph 32, \$1,000 per Day for the first 30 Days of noncompliance, \$3,000 per Day for the 31st through 60th Day of noncompliance, and \$5,000 per Day thereafter for either Unit or both Units.





- The Consent Decree provides that it “may be modified only by a subsequent written agreement signed by all the Parties. Where the modification constitutes a material change to this Decree, it shall be effective only upon approval by the Court.”
- All Parties have obtained the necessary approvals for the proposed modification to the Consent Decree.
- GPA agrees to the changes and through the proposed resolution seeks CCU approval to revised the Consent Decree.

<b>Annual Energy Fuel related cost:</b>									
0.2% LSRFO \$/BBL	\$100.00			\$100.00		\$100.00		\$100.00	
ULSD \$/BBL	\$100.00			\$100.00		\$100.00		\$100.00	
LNG Equivalent						\$60.00		\$75.00	
<b>Fuel Type</b>	<b>LSRFO/ULSD/SolarPV</b>			<b>ULSD/SolarPV</b>		<b>ULSD/SolarPV</b>		<b>ULSD/SolarPV/LNG</b>	
<b>Calender Year:</b>	<b>2023</b>		<b>Annual Cost</b>	<b>2024</b>	<b>Annual Cost</b>	<b>2025</b>	<b>Annual Cost</b>	<b>2026</b>	<b>Annual Cost</b>
<b>Plant:</b>	<b>Net Production</b>	<b>% Production</b>		<b>Net Production</b>		<b>Net Production</b>		<b>Net Production</b>	
<b>New 180MW</b>									
Cabras 1&2 0.2% LSRFO	644,466,000	35.8%	\$109,603,061	602,900,134	\$71,773,825	1,260,789,331	\$150,093,968	1,297,863,518	\$115,880,671
Piti 8&9 ULSD	625,632,000	34.8%	\$96,103,226	312,816,000	\$37,240,000	0	\$0	0	\$0
<b>Total Baseload</b>	1,270,098,000		\$205,706,287	312,816,000	\$48,051,613	20,000,000	\$3,072,197	20,000,000	\$3,072,197
<b>Total Non-Baseload Units</b>	333,463,600	18.5%	\$72,178,268	1,228,532,134	\$157,065,438	1,280,789,331	\$153,166,165	1,317,863,518	\$118,952,868
<b>GPA Renewables:</b>									
GlidePath Solar PV \$0.215/Kwh	54,000,000		\$11,610,000	54,000,000	\$11,610,000	54,000,000	\$11,610,000	54,000,000	\$11,610,000
GlidePath Amendment									
Hanwah PV \$0.079/Kwh				141,912,000	\$11,211,048	141,912,000	\$11,423,916	141,912,000	\$11,423,916
KEPCO PV \$0.085/Kwh	141,912,000		\$12,062,520	141,912,000	\$12,183,145	141,912,000	\$12,303,770	141,912,000	\$12,303,770
Engie PV \$0.11/Kwh				84,096,000	\$9,250,560	84,096,000	\$9,435,571	84,096,000	\$9,435,571
Phase IV-A 60 MW \$0.11/Kwh						141,000,000	\$15,510,000	141,000,000	\$15,510,000
Phase IV-B 60 MW \$0.12/Kwh									
Phase IV-C 120 MW \$0.12/Kwh									
<b>Total GPA Renewables</b>	195,912,000	10.9%	\$23,672,520	421,920,000	\$44,254,753	562,920,000	\$60,283,258	562,920,000	\$60,283,258
<b>Total Conventional</b>	1,603,561,600		\$277,884,555	1,395,263,934	\$193,154,573	1,290,789,331	\$155,150,292	1,327,863,518	\$120,936,995
<b>System Production Cost</b>			\$301,557,075		\$237,409,326		\$215,433,549		\$181,220,252
<b>System \$/kWh</b>			<b>\$0.1676</b>		<b>\$0.1306</b>		<b>\$0.1162</b>		<b>\$0.0958</b>
<b>Total Net Kwh</b>	1,799,473,600			1,817,183,934		1,853,709,331		1,890,783,518	
<b>ULSD @ \$85/BBL</b>							<b>\$0.104</b>		
<b>LNG @ \$65/BBL</b>									<b>\$0.088</b>

## Transition to Clean Fuel Challenge:

- **Currently burn three types of fuel:**
  - HSRFO (2.0% S)
  - LSRFO (1.19%S)
  - ULSD (0.0015%S)
- **Five types of fuel to be burned between July 22 & Dec 2022:**
  - HSRFO (2.0% S)
  - LSRFO (1.19%S)
  - LSRFO (0.2%S)
  - ULSD (0.0015%S)
  - ULSD (0.0015%S special)
- **Two types of fuel between Jan 2023 thru April 2024:**
  - LSRFO (0.2%S)
  - ULSD (0.0015%S)
  - ULSD (0.0015%S special)
- **Single Fuel Source Beginning May 2024:**
  - ULSD (0.0015%S special)



# GM REPORT

## JULY 2021



# Generation Status

2

## 1. Reserve Margin Forecast for JULY 2021:

Projected Available Capacity: 338 MW

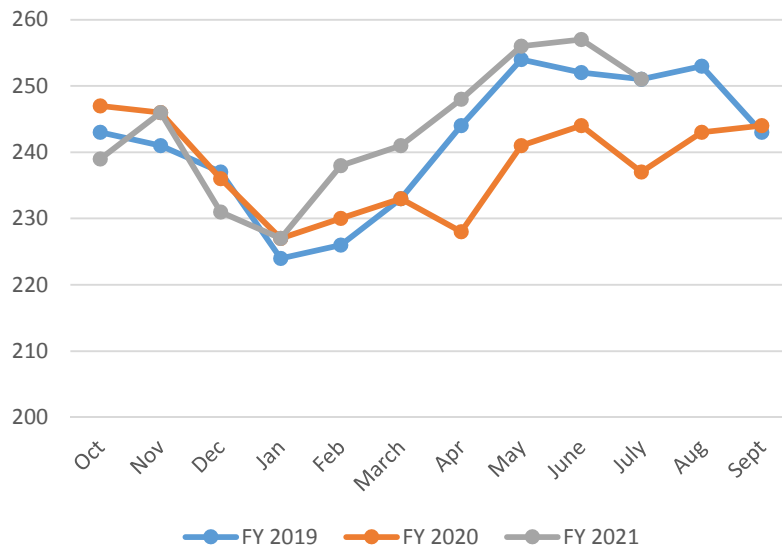
Projected Demand: 255 MW

Anticipated Reserve Margin: 83 MW

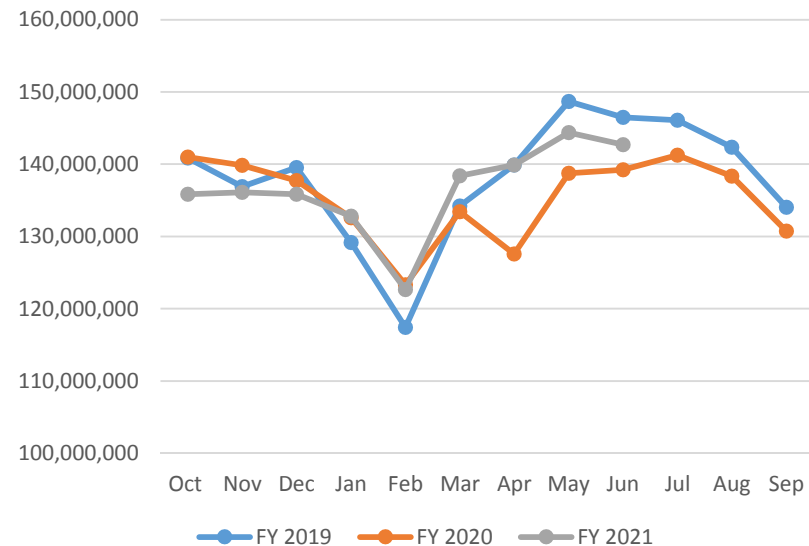
- Cabras 1 (55 MW) Returned to service on June 27<sup>th</sup>
- Yigo CT (20 MW) Scheduled to return to service August 5<sup>th</sup>

## 2. FY 2021 Production Characteristics :

PEAK MW DEMAND  
thru July 14, 2021



Net Generation Kwh  
thru June 2021

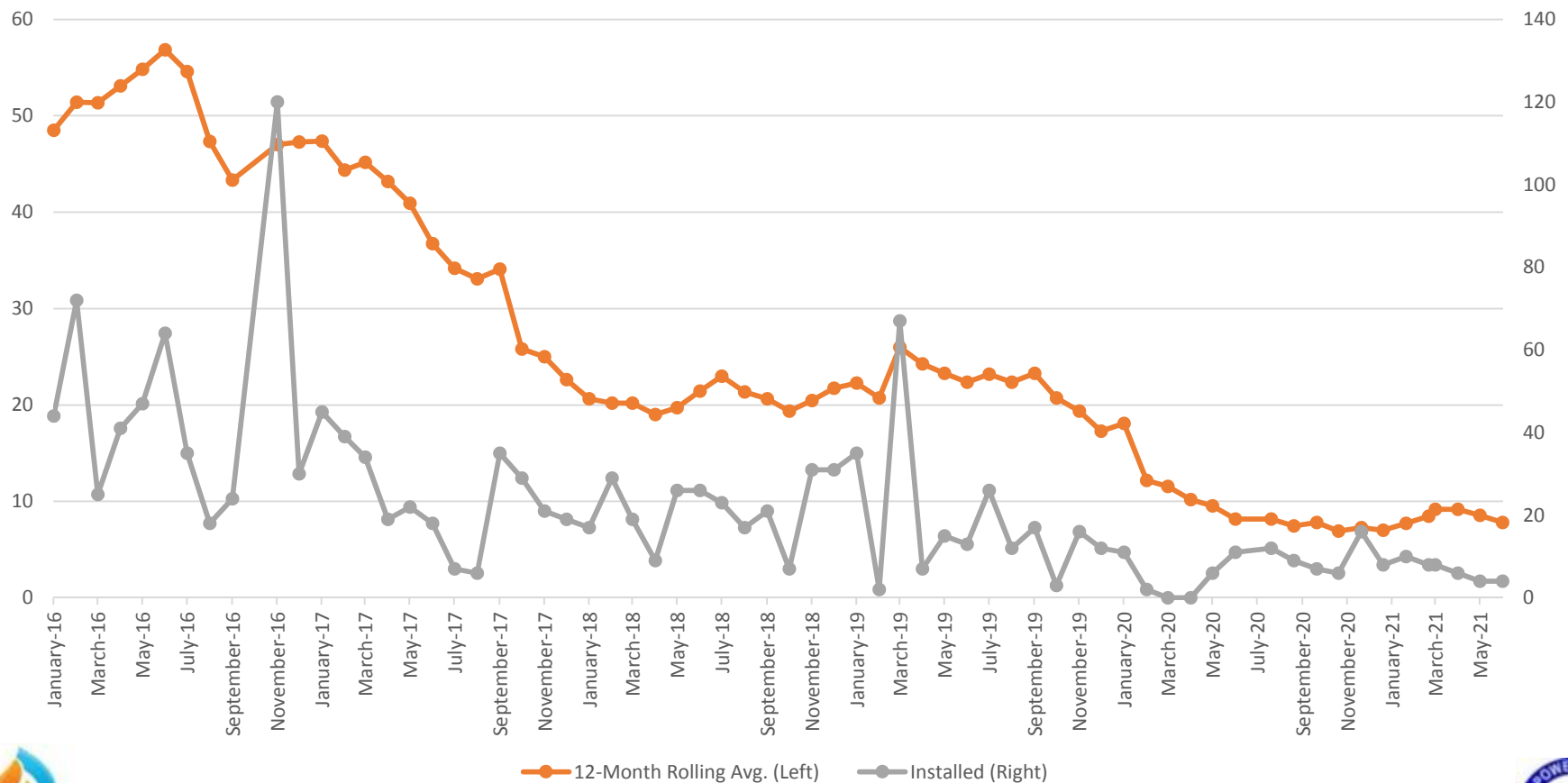


# Net Metering

3

## 3. Net Metering (NEM) Growth Thru June 2021:

Monthly NEM Growth  
June 2021: 2,196 Customers (4 New) ; 26,758 KW



# Renewable Energy Projects

4

## 4. Updates on Renewable Energy Projects and Integrated Resource Plan (IRP):

- GPA has contracted for 120 MW of additional solar PV by 2023 with additional 40 MW pending.
  - **Phase II - KEPCO 60 MW Solar PV Project:** Project Commercial Operational Date (COD) is early 2022.
  - **Phase II - HANWHA 60 MW Solar PV Project:** Project Commercial Operational Date is December 2023. Project includes 115kv line upgrade from Dandan to Piti.
  - **Phase III - ENGIE 40 MW Solar PV Project:** This is 40 MW of solar PV on Navy Land equipped with full load shifting energy storage batteries. GlidePath filed an appeal in the Superior Court of the OPA's decision which favored a GPA award to Engie. A status conference will be held on Aug 11, 2021, after briefs have been filed, with a hearing on the briefs scheduled for August 23, 2021.
- **Integrated Resource Plan (IRP) & NEM Studies**
  - The IRP & NEM Studies are coming along and expected to be completed in the next couple of months if not sooner. The following slide outlines the main scope of work and the status of each items listed.



# Renewable Energy - *Phase II (A) online Early 2022*

5



## Project Profile

### CAPACITY

- 60 MW Solar PV (KEPCO)

### SYSTEM

- 32 MW/32 MWh Integrated ESS
- Ramp Rate Control
- Smooth out the solar plant fluctuation output

### LOCATION

- Mangilao

### CONTRACT TYPE

- 25 Year PPA

### STATUS

- Construction ongoing
- 148,960 (of 219,352) Solar Panels Installed as of June 25, 2021

### COMMISSIONING DATE

- Early 2022

### ENERGY PURCHASE PRICE

- Energy purchase price \$0.085/kWh





# Renewable Energy - *Phase II (B) online December 2023*

6

## Project Profile

### CAPACITY

- 60 MW Solar PV (Hanwha)

### SYSTEM

- 32 MW/32 MWh Integrated ESS
- Ramp Rate Control
- Smooth out the solar plant fluctuation output

### LOCATION

- Dandan

### CONTRACT TYPE

- 25 Year PPA

### STATUS

- Contract Signed
- Design On-going
- Includes upgrade of transmission lines to 115kV

### COMMISSIONING DATE

- December 2023

### ENERGY PURCHASE PRICE

- Energy purchase price \$0.085/kWh



# Renewable Energy - *Phase III*

7

## Project Profile

### CAPACITY

- 40 MW Solar PV (Engie)

### SYSTEM

- 60 MW / 300 MWh Integrated ESS
- Full Load Shifting ESS

### LOCATION

- 164 acres of LEASED Navy Properties on Naval Base Guam & Camp Blaz

### CONTRACT TYPE

- 25 Year PPA

### STATUS

- Protest Appeal - in Guam Superior Court
  - OPA previously ruled in favor of GPA

### ENERGY PURCHASE PRICE

- Energy purchase price \$0.11/kWh



# Renewable Energy - *Integrated Resource Plan (IRP) & NEM Studies*

## INTERIM UPDATE

### DSM Update:

- ✓ Commercial Roll-out Rebates - Established
- Existing Program Rebate Level Reset - July 28, 2021
- EV Plan - July 30, 2021

### Generation System Reliability & Adequacy:

- ✓ Power Plant and System Capacity State Models - Done
- ✓ Analysis without ESS - Draft Completed
- Analysis with ESS - Ongoing
- RPS to 50% by 2029 Plan - In Write-up, July 23, 2021

### Strategic Plan: 90% Completed

- Environmental Strategic Plan Update - Modification being made, July 23, 2021
- ✓ IT Strategic Plan - Completed
- ✓ IT Consolidation Plan - Completed
- Stakeholder Review - To be scheduled, Aug 3, 2021

### Capacity Plan:

- ✓ Candidate Resources - Completed
- ✓ Peak Load and Energy Forecast - Completed
- ✓ Generation Hourly Load Forecast - Completed
- Capacity Expansion Runs - Ongoing, Aug 31, 2021
- Final Draft Report - Ongoing, Sept 30, 2021

### Frontier Project:

- ✓ Project Summary - Completed

### Distribution Plan:

- Distribution Models Verification
- Transformer Overloads, Capacity Contribution, Voltage Imbalance and System Voltage Analysis
- Automated Switching & Fault Circuit Indicator Comm Study- Submitted by L+G, GPA Internal Review completed, L+G to resubmit, July 30, 2021
- - Ongoing; L+G to advise
  - *Load Flow Studies*
  - *NEM Growth Impacts*
  - *Conservation Voltage Reduction*
  - *Demand Response*
  - *GWA Facilities Voltage Imbalance Analysis*
  - *Solar Irradiance Sensor Network Plan*
  - *Pre-Final Draft Report*

### Long Range Transmission Plan Study:

- Summaries of Renewal Integration Study & System Impact Studies - Ongoing
- Grid Controller - Incorporated into Generation Reliability & Adequacy Volume- July 30, 2021

### UFS NEM Rate Study:

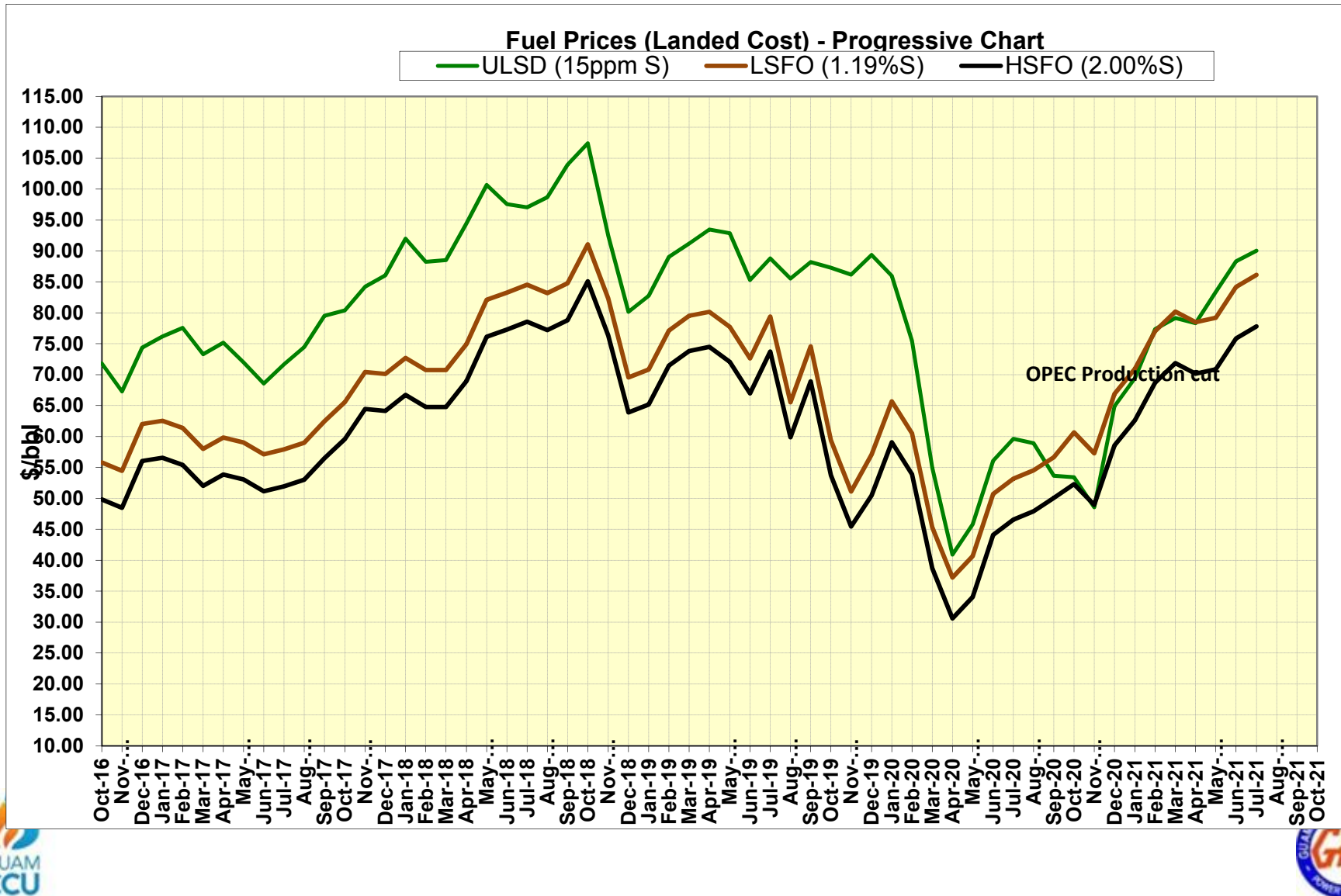
- Net Metering Rate - Ongoing - Awaiting L+G NEM Penetration & CVR Analysis, July 30, 2021



# GPA Fuel Landed Cost (Per Barrel) July 13, 2021

9

5. HSRFO \$77.98; LSRFO \$86.13; ULSD \$90.04



# Demand Side Management (DSM)

10

## 6. DSM Funding as of June 30, 2021:

Description	FY16	FY17	FY18	FY19	FY20	FY21	Total to Date
						Posting Thru 6/30/21	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$114,960.49	\$272,804.49
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	-		\$233,831.05
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	\$1,009,175.00	\$5,913,626.00
Paid Rebates-Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$1,300.00	\$26,200.00
Paid Rebates-Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$60,197.00	\$329,425.00
<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>\$1,185,632.49</b>	<b>\$6,784,886.54</b>
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$231.99	\$6,022.61
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$375.00	\$5,597.32

DSM Ending Balance – LEAC Funds: \$1,019,222





# Active DSM Application Processing Report

11

## 6. DSM Rebate Application Report 2019 to 2021:

ACTIVE DSM APPLICATION REPORT*				
Status	2019	2020	2021	Total
Total Received	882	5,856	3,949	10,687
Total Processed**	879	5,819	3,942	10,640
Total Pending***	3	37	7	47

*Notes:*

\* Data is from 1/1/2019 through 7/19/2021 and uses the Customer Services Received Dates.

\*\* All rebates that are paid, denied, or assigned an ESRP batch number.

\*\*\* Total pending includes all rebates that are not assigned a paid, batched, or denied status.



# General Manager's Report (cont'd)

12

## 7. Energy Storage System (ESS) Update:

- Commercial Operation of both the Hagåtña (24 MW) and the Talofofo (16 MW) Energy Storage System Batteries began on **March 1, 2021**. The ESS has been providing substantial benefits including an improved and stable system and reduced under-frequency outages.
- The ESS ribbon cutting ceremony at the GPA Hagåtña Substation was held on **Friday, May 14<sup>th</sup> at 10:00am**. This allowed the Governor, Lt. Governor, Senator Ridgell, CCU, PUC and others in attendance to view the Hagåtña Energy Storage Facility, GPA's first battery storage system.
- A video explaining the ESS is available on Facebook (@guampowerauthority) & Guam CCU YouTube channel.



# General Manager's Report (cont'd)

13

## 8. New Power Plant Update: GPA Activities

### Completed:

- ECA Amendment: Signed on March 17, 2021.
- Archaeological & Cultural Requirements:
  - ✓ Revised Research Design for pipeline and transmission line routes submitted to GHPO (Approved 7/1/21)
  - ✓ Revised Archaeological Inventory Survey
- Water & Wastewater Requirements:
  - ✓ Water Supply and Discharge Agreement Review
- Environmental Requirements:
  - ✓ Baseline noise study for Piti 41 MW diesel generator plant site.

### Ongoing / Pending:

- Archaeological & Cultural Requirements:
  - ✓ Section 106 process for cultural survey on Navy properties (bull cart trails along pipeline route and Harmon Substation)
  - ✓ Cultural Survey for boring scope for all project areas outside the plant site boundary
  - ✓ Cultural Survey for construction area. Pending Section 106 process resolution
  - ✓ Cultural survey and boring for proposed site in Piti for reserve diesel generator relocation
- Water & Wastewater Requirements:
  - ✓ Coordinate with GWA on Change of Law issues due to update NPDES permit affecting discharge of wastewater from cooling system
  - ✓ Review of KEPCO-EWP/Doosan on phosphate treatment proposal to address change in law issue.

### Critical Path & Risk Items

#### Cultural Survey

(SHPO Approvals Required)

- Approx. 17 miles of pipeline requires approval for boring and construction excavation.
- Pipeline construction research design development and GHPO approval
- Section 106 process required for Navy properties
  - 3 of 5 bull cart trail properties are in developed (paved) areas

#### Delays on permit approvals

- Construction Permits
- Air Permits
- NPDES Permit

#### Construction Mitigation

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





# General Manager's Report (cont'd)

14

## 9. COVID-19 Vaccination:

As of July 15, 2021, 80% of GPA employees have received COVID-19 vaccination.

- In collaboration with GUNG, a Virtual Town Hall was offered on June 16<sup>th</sup> to address GPWA employee & family questions and concerns about the COVID-19 vaccines.
- GPWA worksite vaccination clinics were held on June 23<sup>rd</sup> & July 3<sup>rd</sup> at GPA T&D and GBN Fadian respectively. Approximately, 52 GPWA employees, family, and contractors were vaccinated at these clinics. 2<sup>nd</sup> doses will be issued at community-based clinics.
- Dangkulu si Yu'os Ma'åse' to the medical community, GUNG, GPWA committee, and all employees for participating in these events!



## 10. Customer Outreach:

- Disconnection Policy for Non-Payment resumed June 2021.
  - Village outreach sessions were conducted in Barrigada, Piti, Dededo, and Yona in May 2021.
  - From June 1<sup>st</sup> - July 15<sup>th</sup>, service was disrupted for approximately 1,020 (2%) customers due to non-payment. Over 90% have been reconnected after receiving payment due and/or making payment arrangements.
- Residential customer qualitative surveys (focus groups) were completed on July 3<sup>rd</sup>. Business customer qualitative surveys will occur in late-July through mid-August. A summary of findings will be presented to the CCU.



# General Manager's Report (cont'd)

15

## 11. PUC Update:

- GPA Docket 21-10, Petition to Approve the Procurement for Supply Diesel Fuel Oil Approved
- GPA Docket 21-12 , Petition to Approve the Request for Yigo Combustion Turbine (CT) Repairs, Approved
- GPA Docket 21-11, Petition to approve printing contract extension, on July 29th agenda
- GPA Docket 21-13, Petition to Approve Request for Proposal (RFP) for Engineering, Procurement Construction Mgmt. (EPCM) for New Power Plant, on July 29th agenda
- GPA Docket 21-14, Petition to Approve the LEAC Adjustment, on July 29th agenda
- GPA Docket 21-15, Petition to approve bond issuance, on July 29th agenda

## 12. FY'2022 Budget Schedule

- GPA's Proposed FY'2022 Budget Timeline Schedule is outlined through September 2021 and provided herein.

## 13. Generation KPIs:

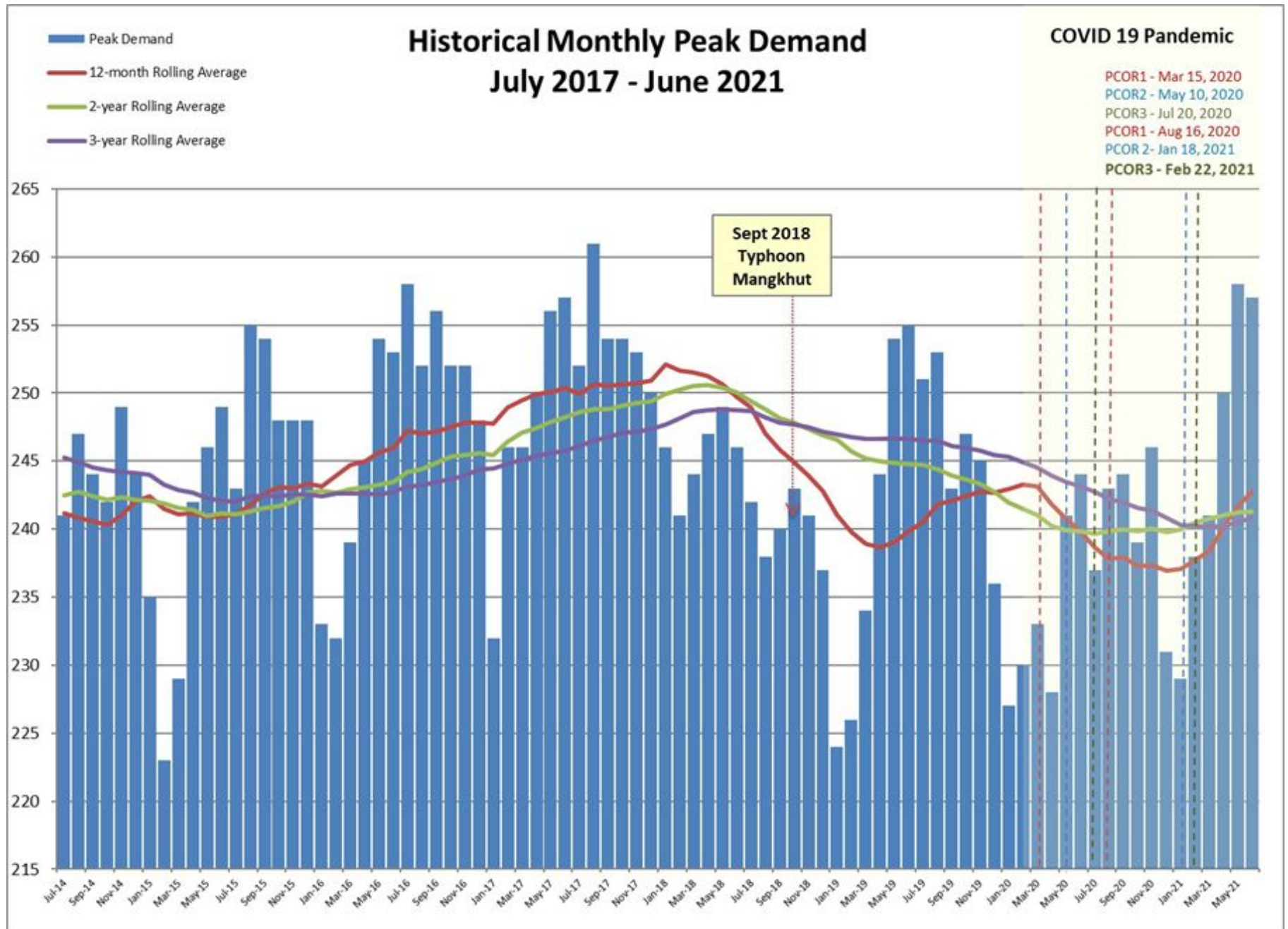
- The following graphs are updated through June 2021:



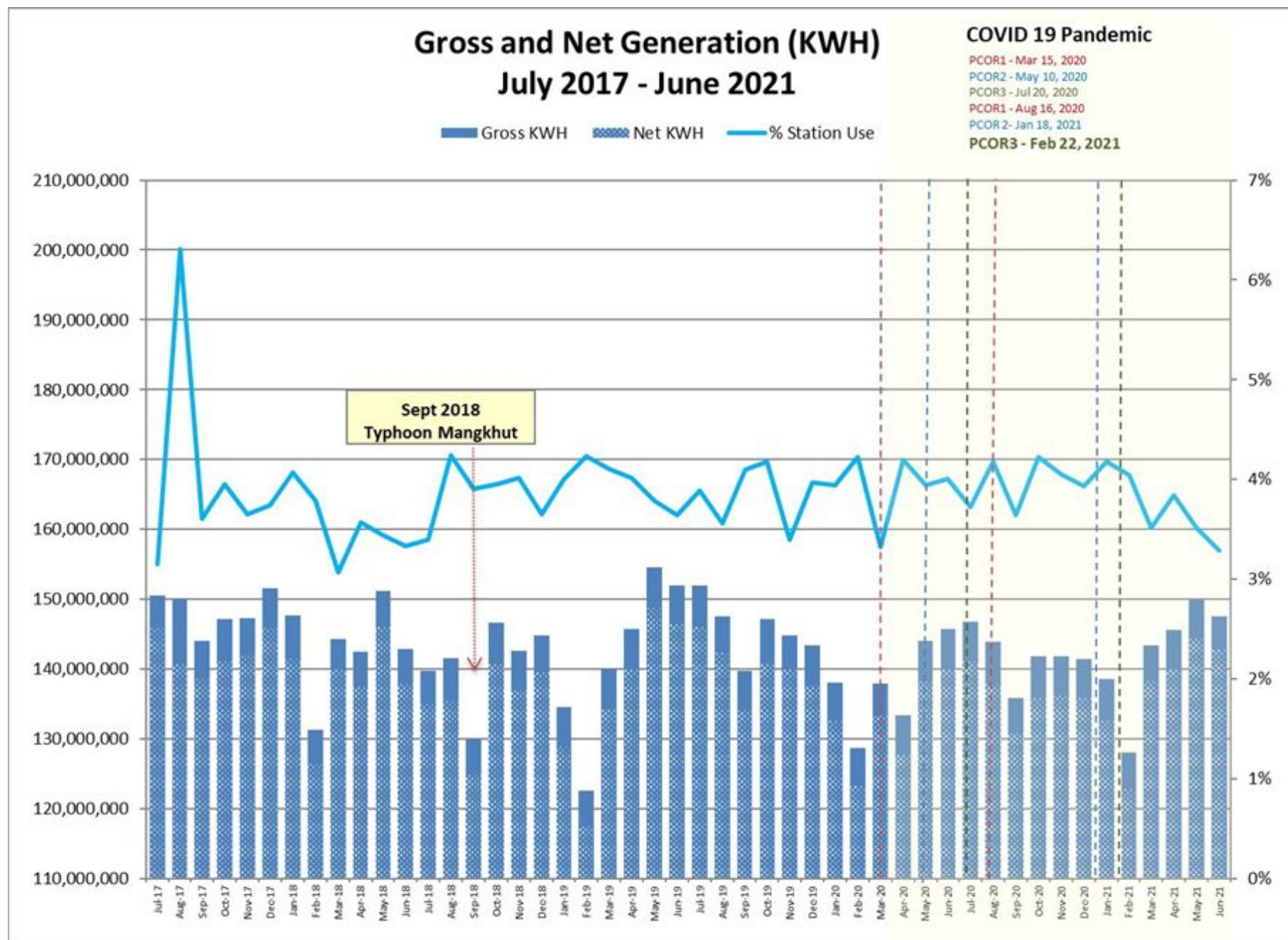
**Guam Power Authority PROPOSED  
FY2022 Budget Call Timeline**

Revised 7/16/2021

Dates:	Description:	April	May	June	July	August	Sept	Oct
4/26/21 - 4/30/21	Budget Call Issuance to Cost Centers							
5/3/21 - 5/7/21	Cost Center Budget Training for Budget Completion							
5/10/21 - 5/21/21	Cost Center Budget Updates							
5/21/21	FY2022 BUDGET SUBMISSION DUE							
5/24/21 - 7/9/21	Budget Office Compilation and Review							
7/12/21 - 7/16/21	Budget Review with CFO							
7/19/21 - 7/23/21	Budget Review with GM							
7/26/21 - 7/30/21	Budget Compilation for CCU Review (Comm Santos)							
8/2/21 - 8/6/21	Budget Review with Comm Santos							
8/9/21 - 8/18/21	Budget Finalization for CCU Meeting							
8/19/21	CCU Working Session							
8/24/21	CCU FY2022 BUDGET APPROVAL (CCU Meeting)							
8/30/21 - 9/3/21	E1 Budget Loading							
9/6/21 - 9/10/21	FY2022 Budget Package PUC, Banks, Bondholders etc. (Deadline 30 Sept each year)							
9/15/21	PUC CIP Ceiling Cap Due							
9/20/21 - 9/30/21	FY2022 Budget Package for Cost Centers							
10/1/21	Start of FY2022 BUDGET!							







## Historical KWH Sales July 2017 - June 2021

### COVID 19 Pandemic

PCOR1 - Mar 15, 2020

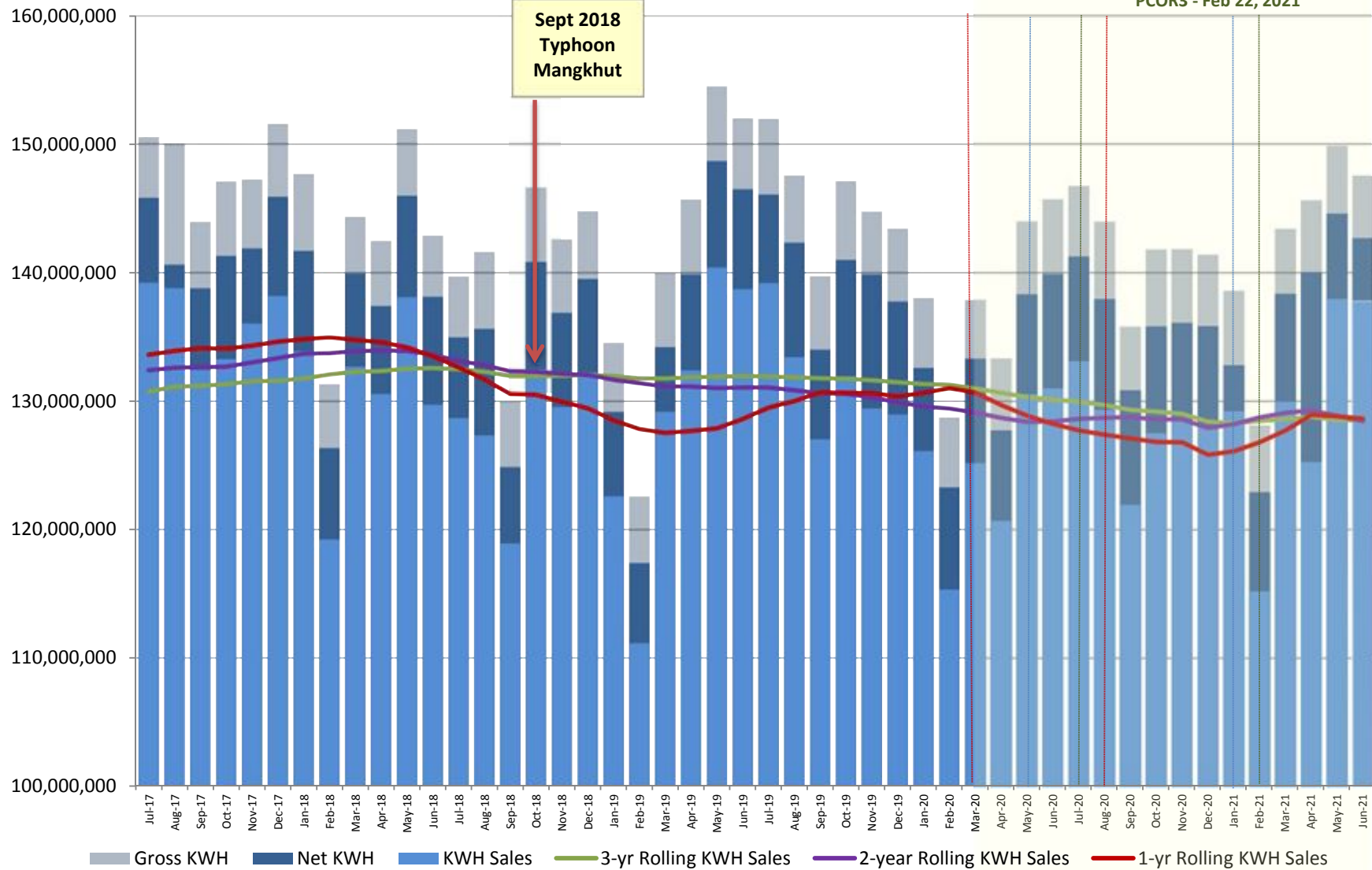
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

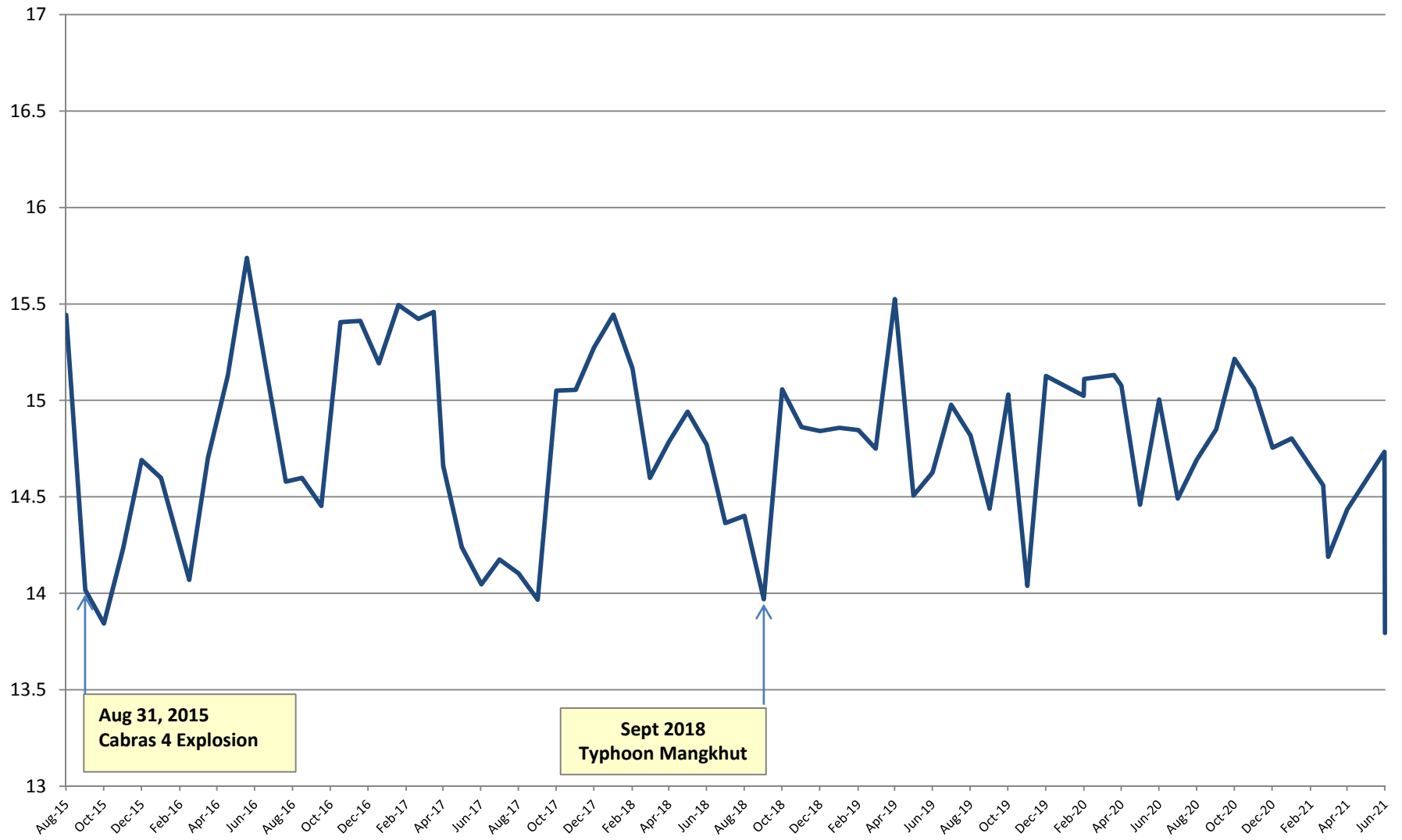
PCOR1 - Aug 16, 2020

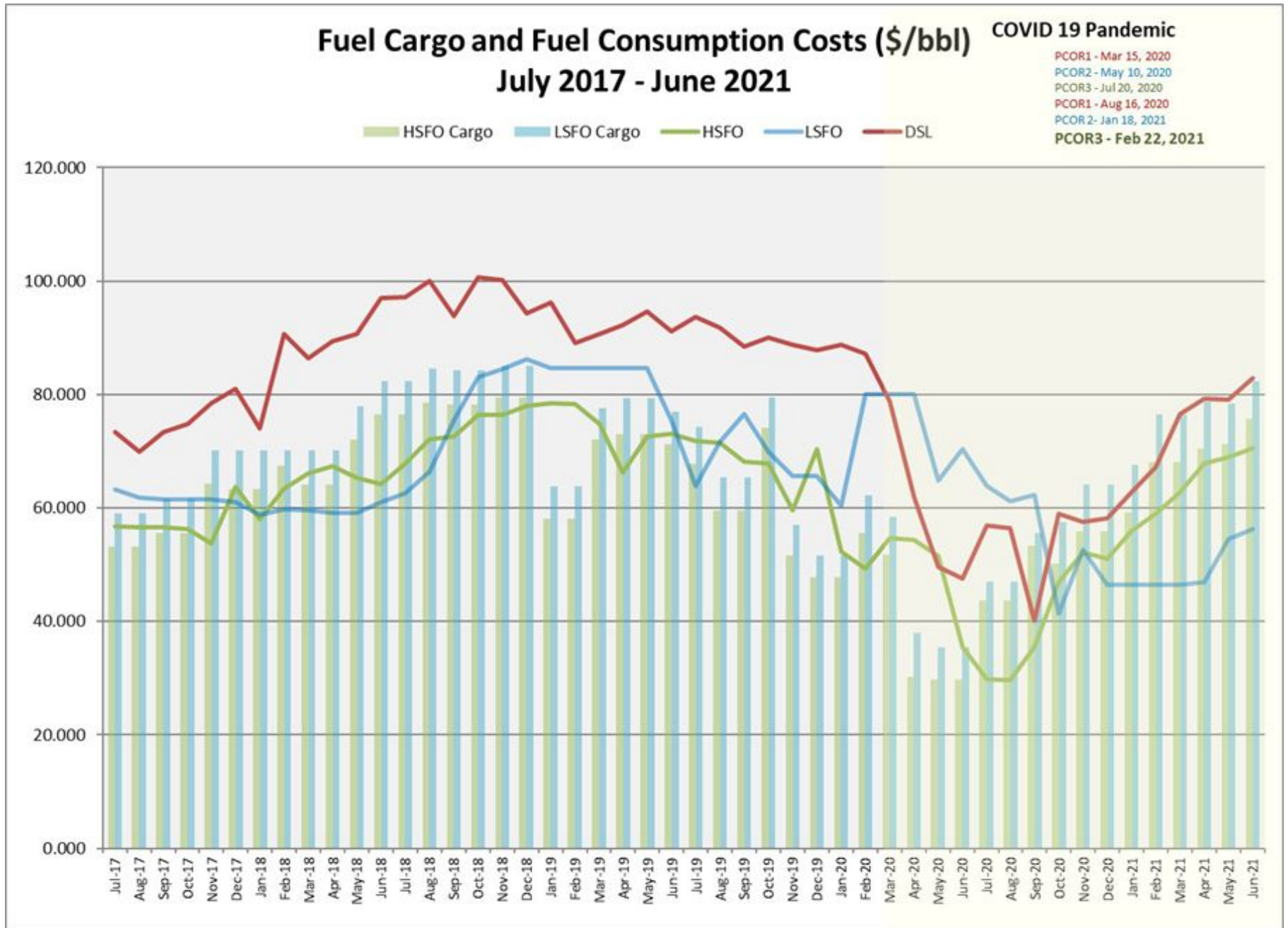
PCOR 2- Jan 18, 2021

PCOR3 - Feb 22, 2021



## SYSTEM GROSS HEAT RATE (KWH/Gal) Aug 2015 - July 2021







# GPA-GDOE Partnership

## JULY 2021



- **GDOE is in need of engineering and management services to implement projects necessary to upgrade the educational infrastructure throughout the island. GDOE has reached out to the utilities for assistance understanding the availability in the utilities of expertise and experience in operations, maintenance and implementing capital improvement programs.**
- **A Utilities/GDOE partnership will provide GDOE the expertise and the experience necessary coupled with the substantial funding available and to be available from the American Rescue plan, to improve the island-wide schools to infrastructure standards necessary and conducive for educating our children.**
- **The utilities have substantial engineering and construction experience to insure the projects are successfully completed. The teams would consist of GDOE, GPA and GWA personnel under the leadership of key professionals within the entities.**



**GPA to assist GDOE with Engineering and Management Services for implementing its maintenance and capital improvement programs Including:**

- **New Simon Sanchez School Project (assist in final design, procurement and management most especially over next 8 months)**
- **Master Plan Participation (participate in current master plan activities led by HHF Planners under US Corp of Engineers – DOI grant)**
- **DOI Grant Projects (work with HHF Planners, US Army Corps of Engineers)**
- **Other Federal Grants – Team would also pursue grants opportunities available to GDOE**
- **American Rescue projected funding of about \$170M for CIP's – Requires, planning and implementing projects which need to be obligated by September 2023 and completed by September 2024**
- **Total funding available and anticipated anywhere from \$250M to \$420M**



**The GDOE/Utilities Partnership will also provide the opportunity to establish for GDOE capacity on a sustainable basis expertise to plan and implement future GDOE needs including:**

- **Performance Management Team**
- **Master Plan**
- **10 to 20 year Infrastructure CIP plan**
- **Energy and water use efficiency programs**
- **Renewable energy projects**
- **Cost reduction programs**
- **Maximized grant pursuit team**
- **Infrastructure financing capability**

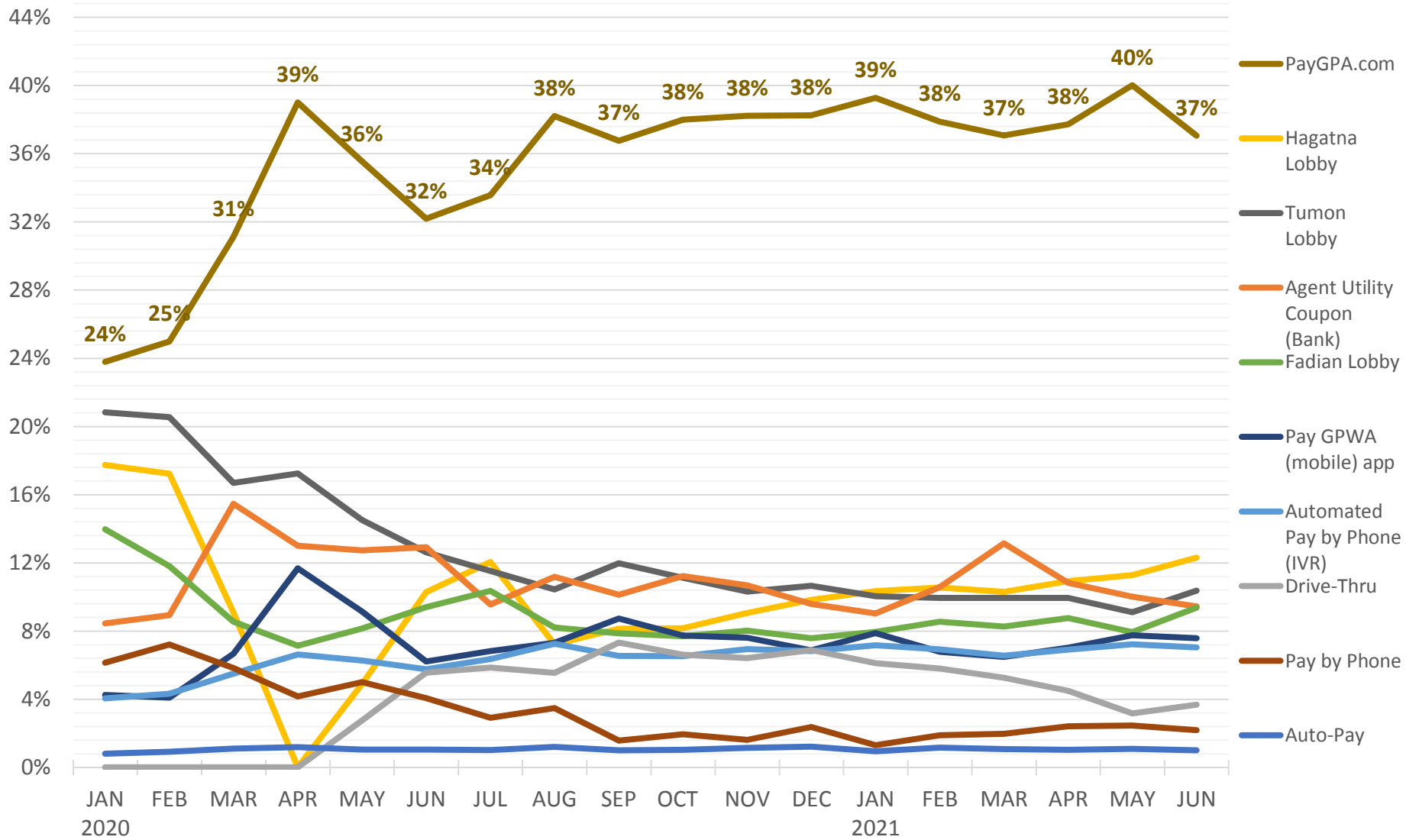


- **The GDOE/Utilities Partnership will establish an Memorandum of Understanding (MOU) to achieve the objective noted herein.**
- **The partnership could begin by Early August 2021**
- **The MOU would be consistent with the utilities efforts in assisting GDOE over the past few years which included:**
  - **Contributing \$500K for an energy and water efficiency study of all schools**
  - **Providing consumption tools to monitor school usage**
  - **Obtaining and implementing several millions in grants for lighting upgrades**



## Customer Service (Administration Division)

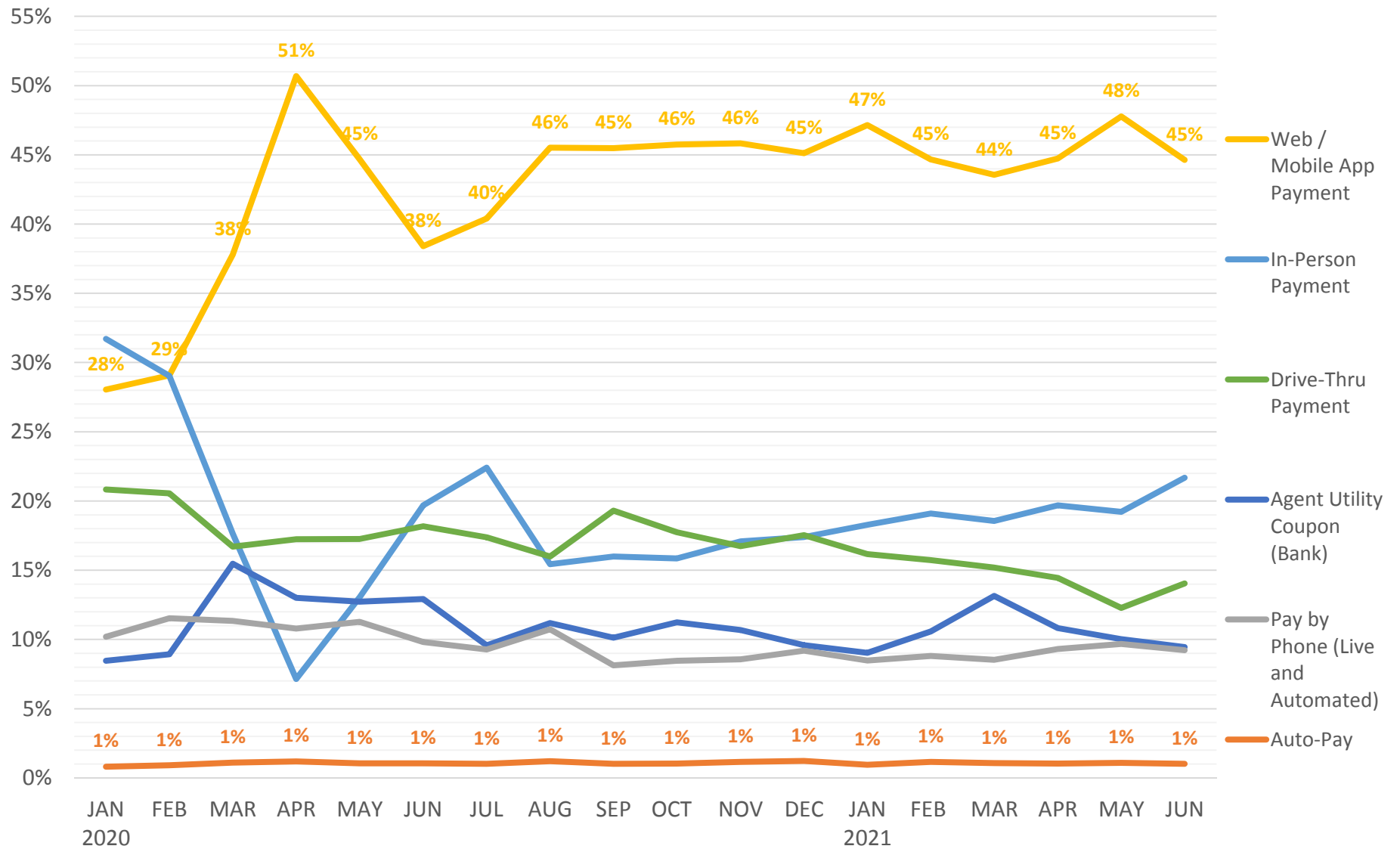
Percentage of transactions by collection point  
January 2020 - June 2021



## Customer Service (Administration Division)

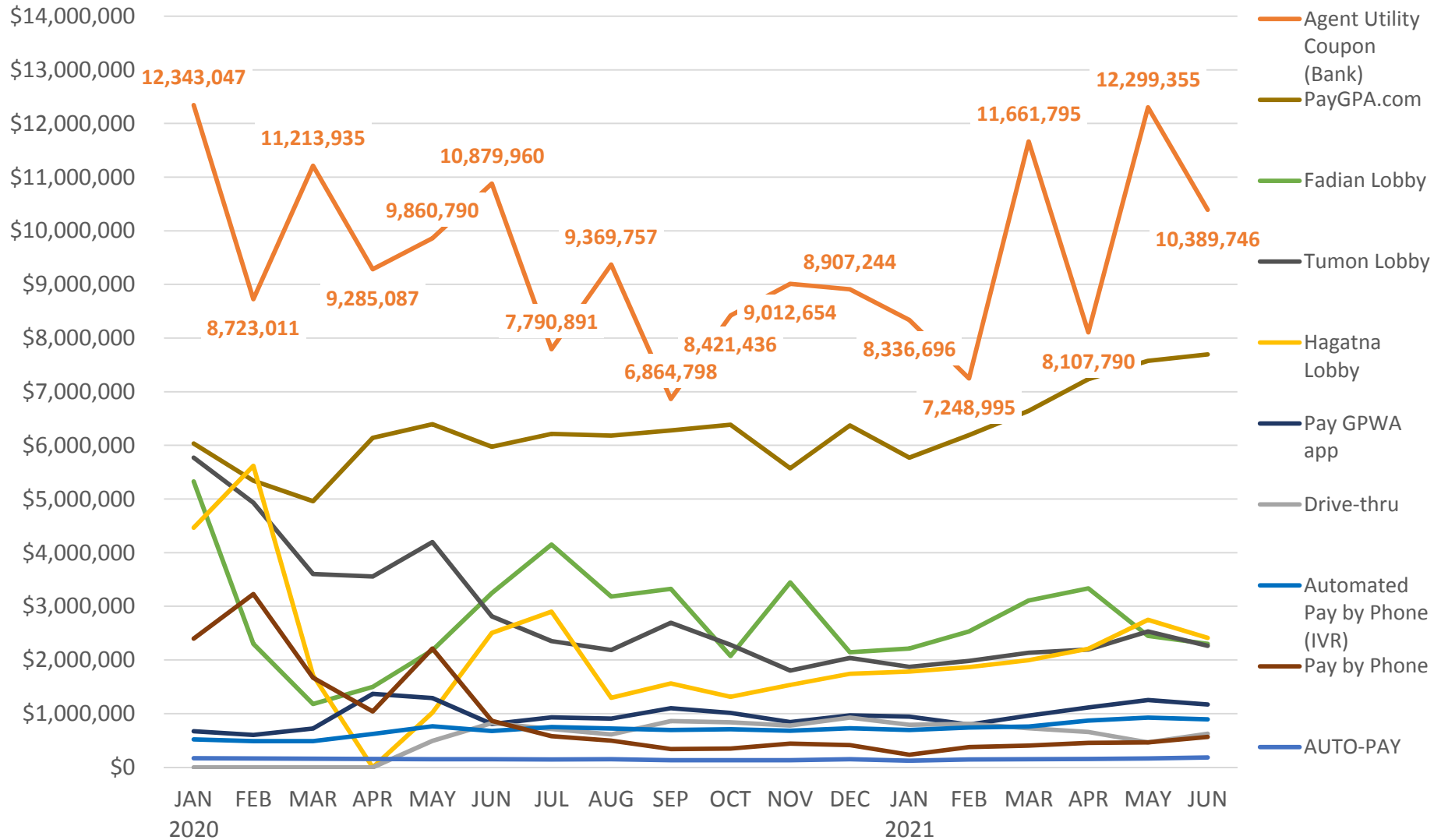
Percentage of transactions by collection platform type (KPI 1.2.4 – Increase web, pay-by-phone, and prepay payments)

January 2020 - June 2021



## Customer Service (Administration Division)

Dollar amount collected per collection point  
January 2020 - June 2021





## Customer Service (Administration Division)

### Reason for Visit by Location

June 2021

■ Hagatna ■ Fadian ■ Tumon

#### Top 3 Reasons for Visit by Location

##### Hagatna

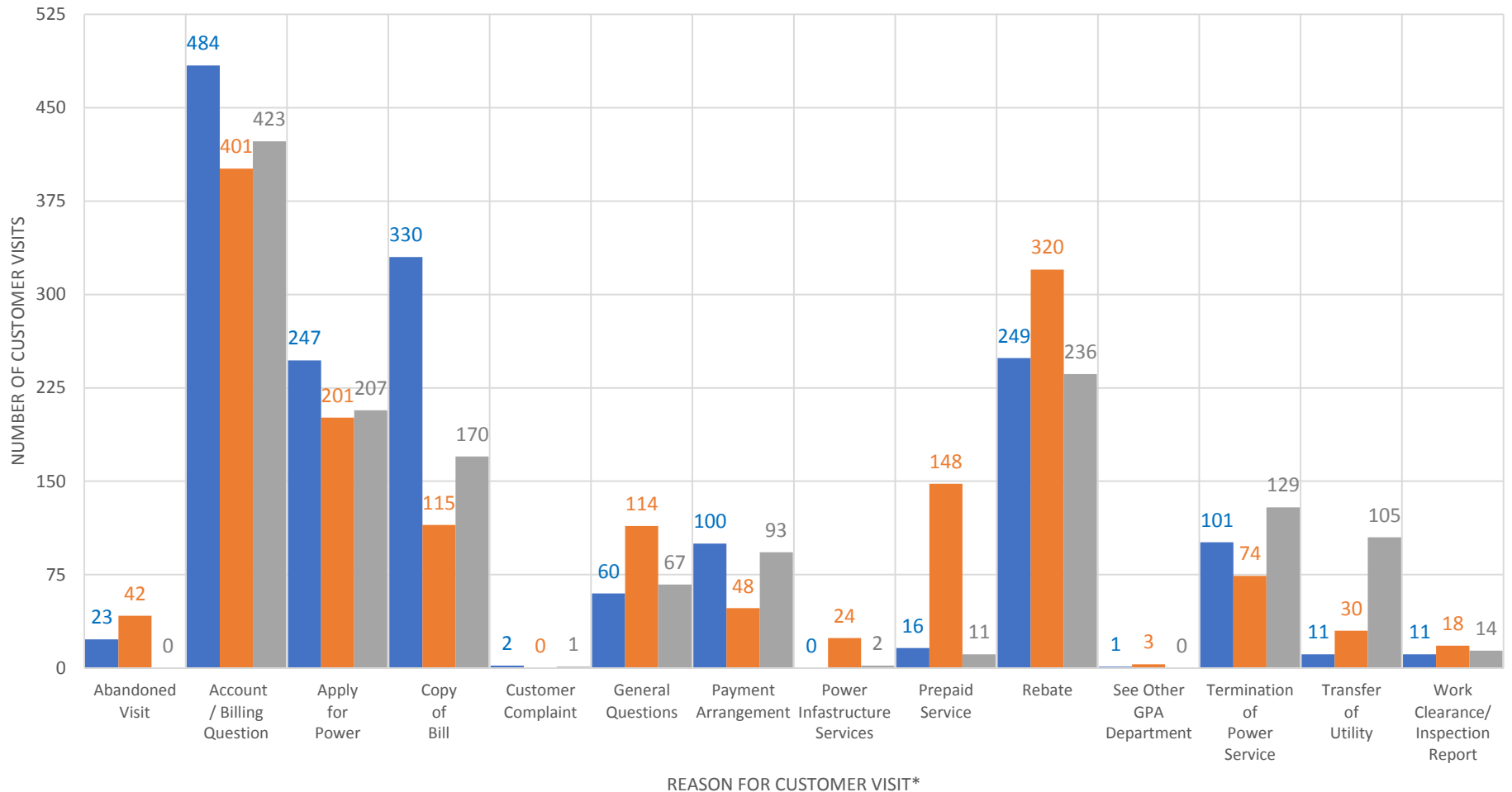
1. Acct/Billing Question
2. Copy of Bill
3. Rebate

##### Fadian

1. Acct/Billing Question
- Rebate
- Apply for Power

##### Tumon

1. Acct / Billing Question
- Rebate
- Apply for Power

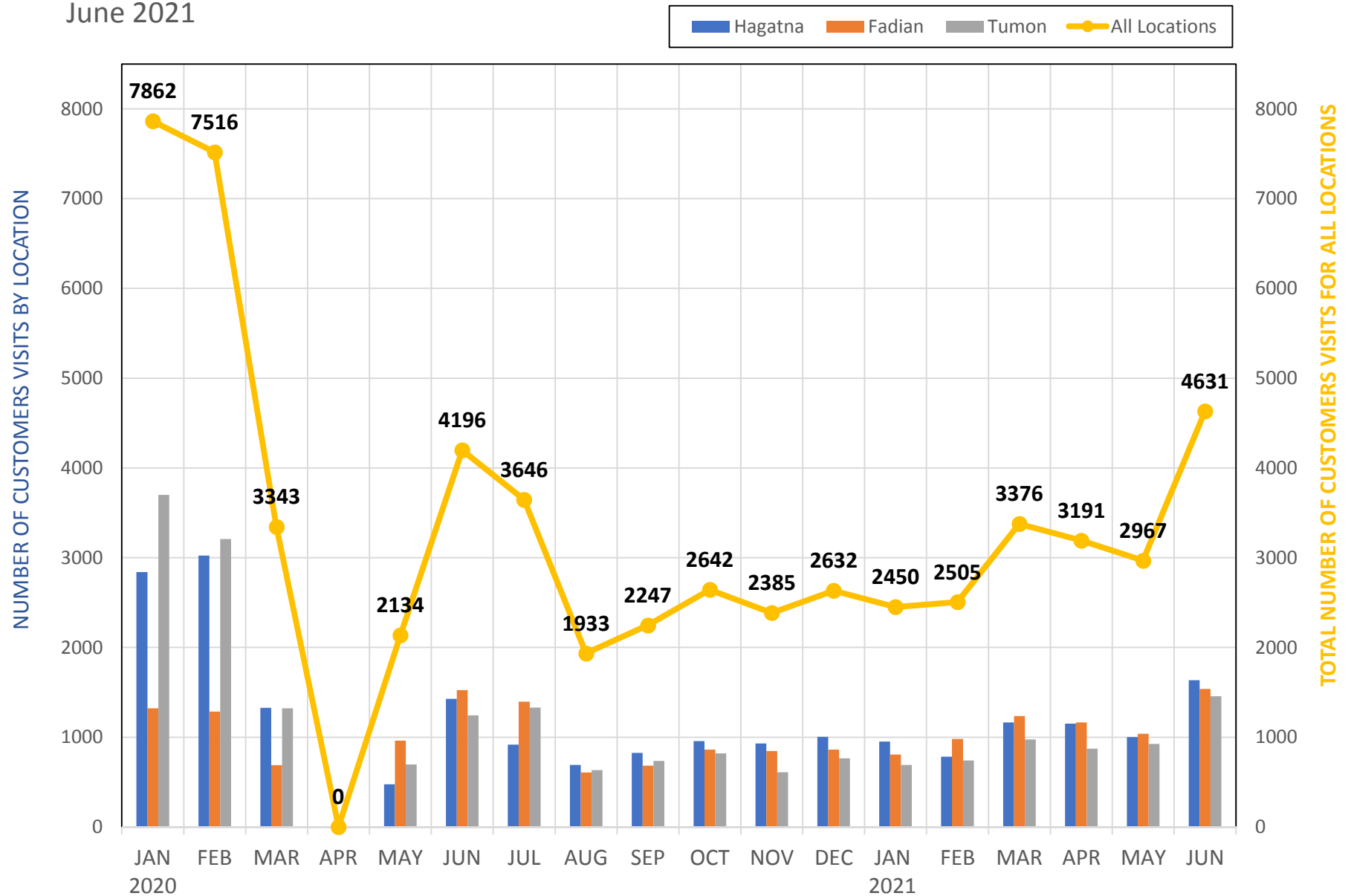


\*Each count per Reason for Customer Visit represents a customer who visits one of our lobbies. During their visit, the customer will only be counted once, regardless of the number of services provided to the customer. Their reason for visit will be coded based on their initial or primary reason for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

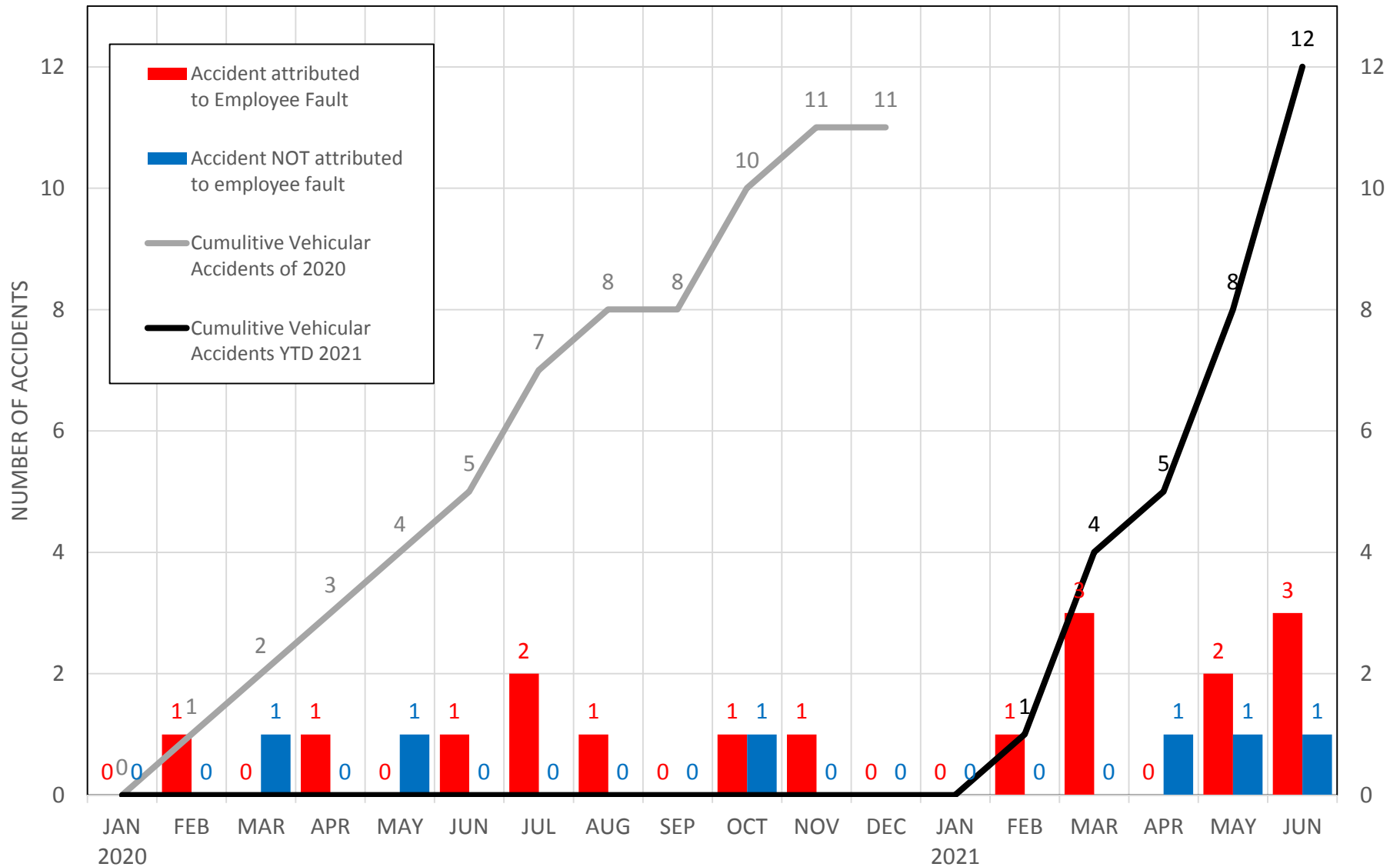
June 2021



## Safety (Administration Division)

### Vehicular Accidents

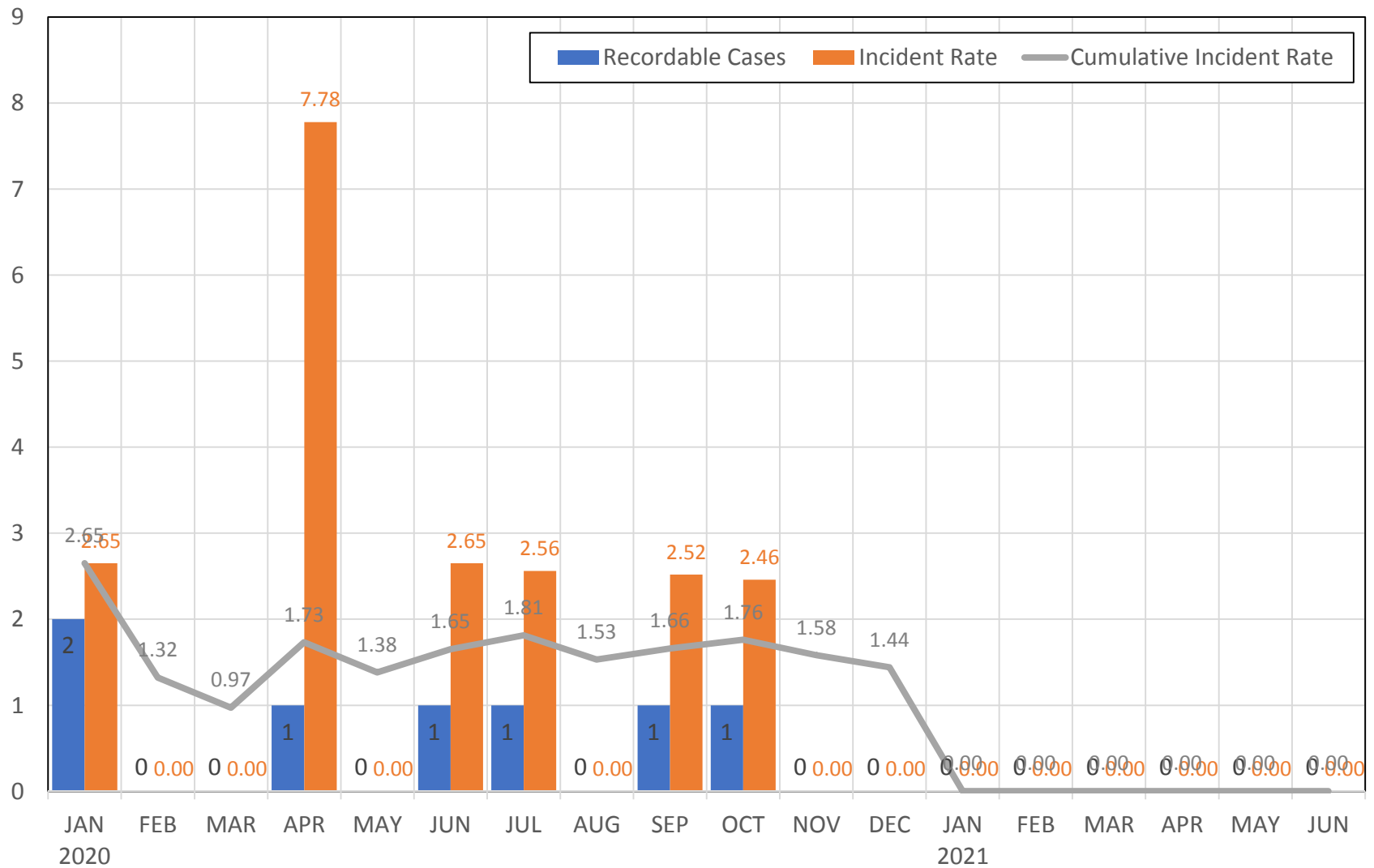
June 2021



# Safety (Administration Division)

## Incident Rate

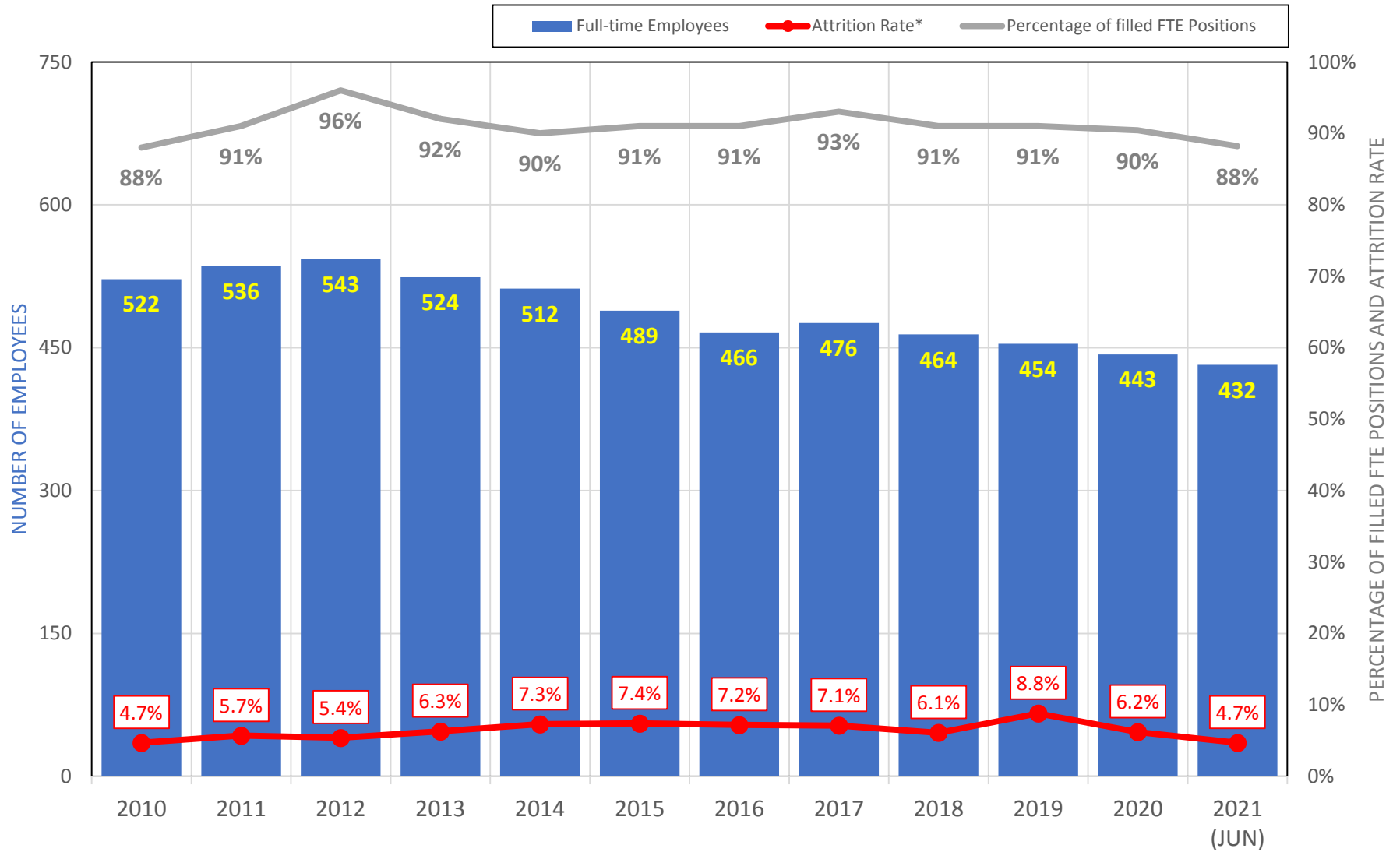
June 2021



## Human Resources (Administration Division)

### Recruitment Analysis

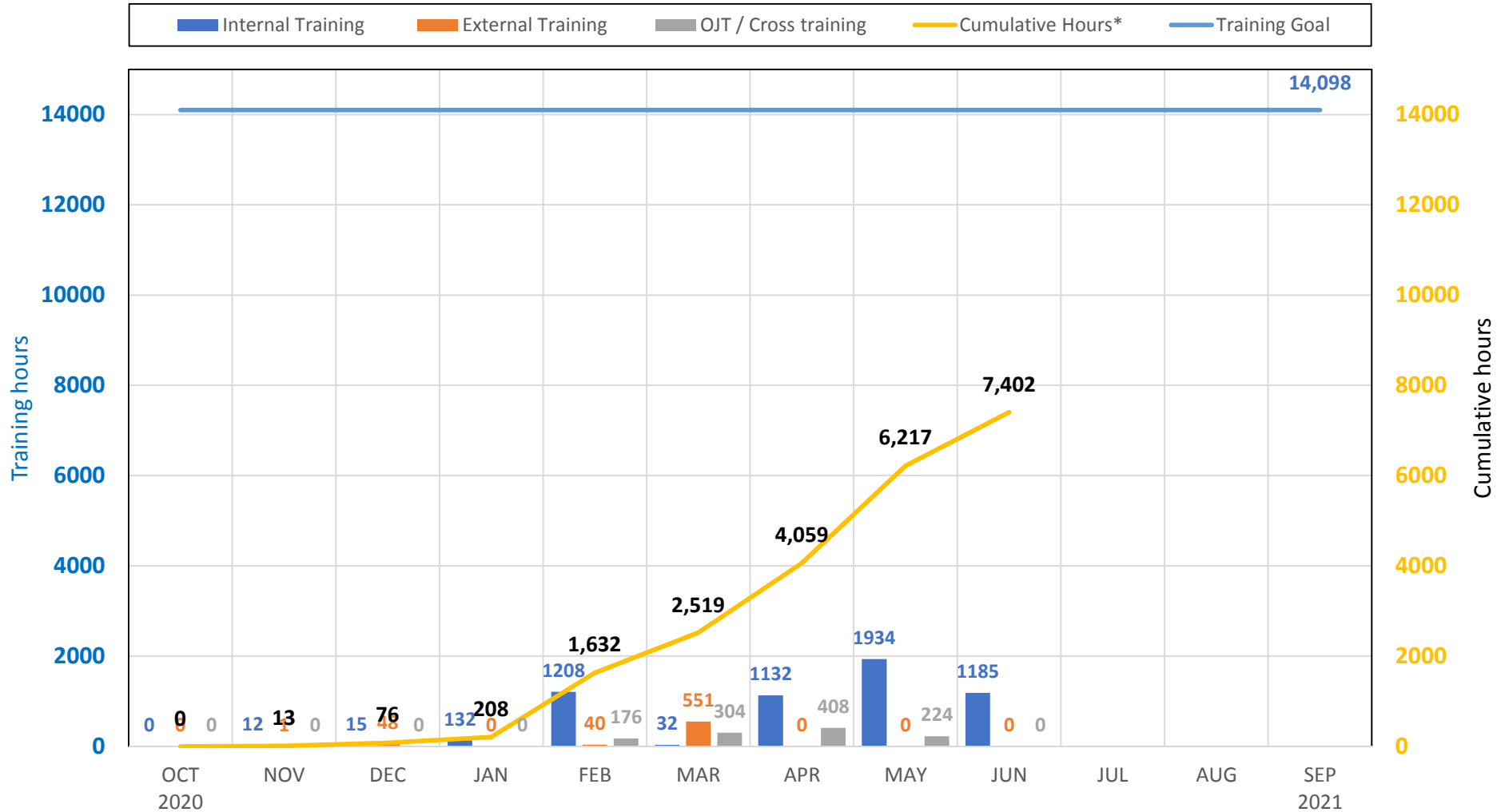
June 2021



\*Attrition rate is calculated by dividing the sum of resignations, retirements, deaths, and terminations by the total filled FTE positions.

## Human Resources (Administration Division)

### Cumulative Training Hours for Fiscal Year 2021 as of June 2021



\*For fiscal year 2021, the training goal has been set at 14,098 hours, 2% of total straight (704,891 hours) worked for FY 2020. As of June 2021, GPA has achieved 52.50% progress towards its cumulative hours training goal.

## Procurement (Administration Division)

### Notable BID (RFP and IFB) monthly status update

June 2021

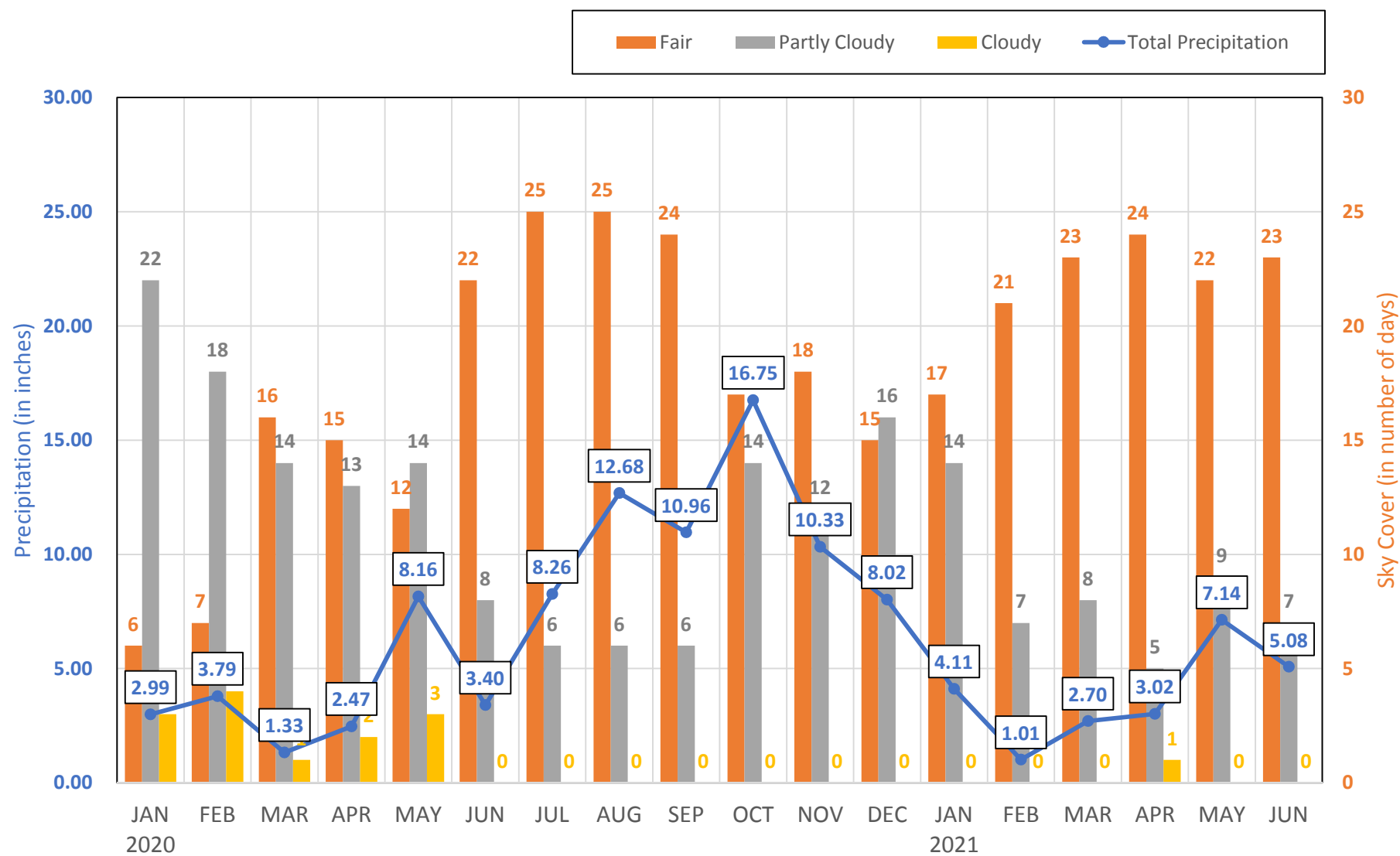
RFP NO.	DESCRIPTION	DATE ADVERTISED	RFP Closing	STATUS (as of 6/30/2021)
GPA-RFP-21-003	Meteorological Tower Quality Assurance Audit	03/04/2021 03/11/2021	03/26/2021 at 2pm	In progress - Pending price proposal from vendor.
GPA-RFP-21-004	Rebate Program Marketing Services	05/04/2021 05/11/2021	06/01/2021 at 3:00pm	In progress - Committee scheduled scoring for 06/17/2021 at 10am.
GPA-RFP-21-005	Merchant Services	5/25/2021 06/01/2021	06/18/2021 at 4pm	In progress - Bid opening date schedule for 06/18/2021.

IFB NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 6/30/2021)
GPA-007-21	Pad Mounted Transformers	03/18/2021 03/25/2021	04/01/2021 at 10am	Re-bid initiated. Bid evaluation committee provided response via Webex.
GPA-036-21	Insulators	04/15/2021 04/22/2021	04/27/2021 at 9am	In progress - Bid recommendation memo received by procurement office and has been forwarded to AGMA and GM for approval.
GPA-038-21	Crossarms and Extention Bracket	05/11/2021 05/18/2021	05/25/2021 at 10am	In progress - bid committee evaluation completed on 6/1/2021.
GPA-039-21	New 2021 50-Ton Trailer	06/03/2021	06/30/2021 at 10am	In progress - Amendment No.1 issued to extend bid opening til 7/22/21 at 10am
GPA-040-21	Pad Mounted Transformers	05/20/2021	6/10/2021 at 11am	In progress - committee evaluation held on 06/17/2021 at 9am, under committee review.
GPA-044-21	Corrective Maintenance for Wind Turbine Power Plant	05/27/2021	07/01/2021 at 10am	In progress - Amendment forthcoming, in communication with vendor.
GPA-045-21	Intergrade Communication Optical Network	06/03/2021 06/10/2021	06/22/2021 at 10am	In progress - bid opened on 06/22/2021, under review by committee
GPA-048-21	New 2021 65 Foot 4x4 Bucket Trucks	06/17/2021	07/07/2021	In progress - bid opening scheduled for 7/23/21 at 11am
GPA-049-21	Desktop Computers	07/08/2021	07/22/2021	In progress - bid opening scheduled for 7/22/21 at 11am
GPA-051-21	Pole Mounted Transformers	06/29/2021	07/13/2021 at 11am	In progress - bid opening scheduled for 7/13/21 at 11am
GPA-052-21	LED Luminaire, 250W equivalent	06/29/2021	07/14/2021 at 10am	In progress - bid opening scheduled for 7/14/21 at 10 am
GPA-055-21	Braket, Mast Arm Streetlight Aluminum	06/29/2021	07/15/2021 at 11am	In progress - bid opening scheduled for 7/15/21 at 10 am
GPA-056-21	Wire	07/08/2021	7/22/2021 at 2pm	In progress - bid opening scheduled for 7/22/21 at 2 pm

## Guam Climate Summary

Sky Cover and Precipitation

January 2020 - June 2021

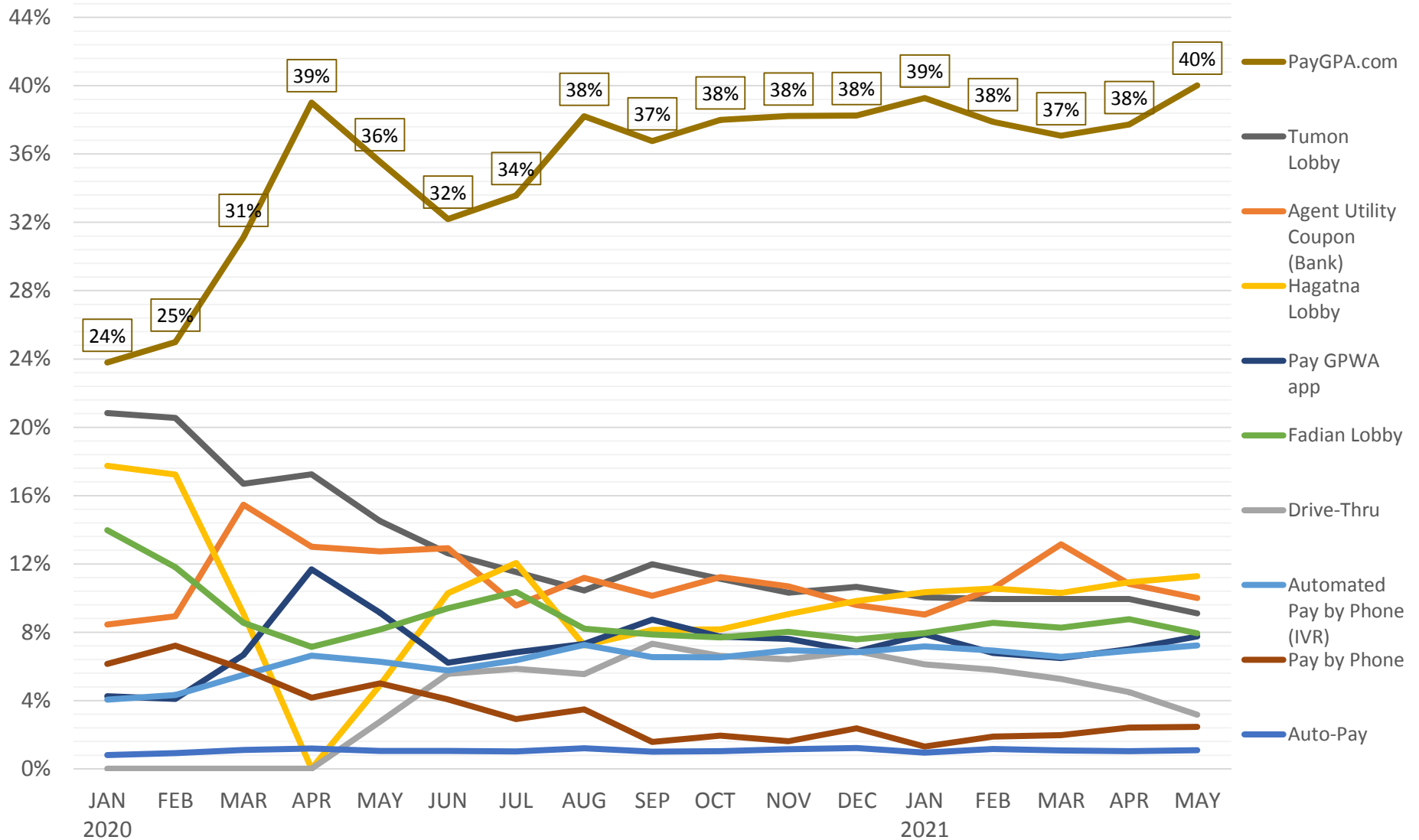




## Customer Service (Administration Division)

Transactions per collection point (by percentage)

January 2020 - May 2021

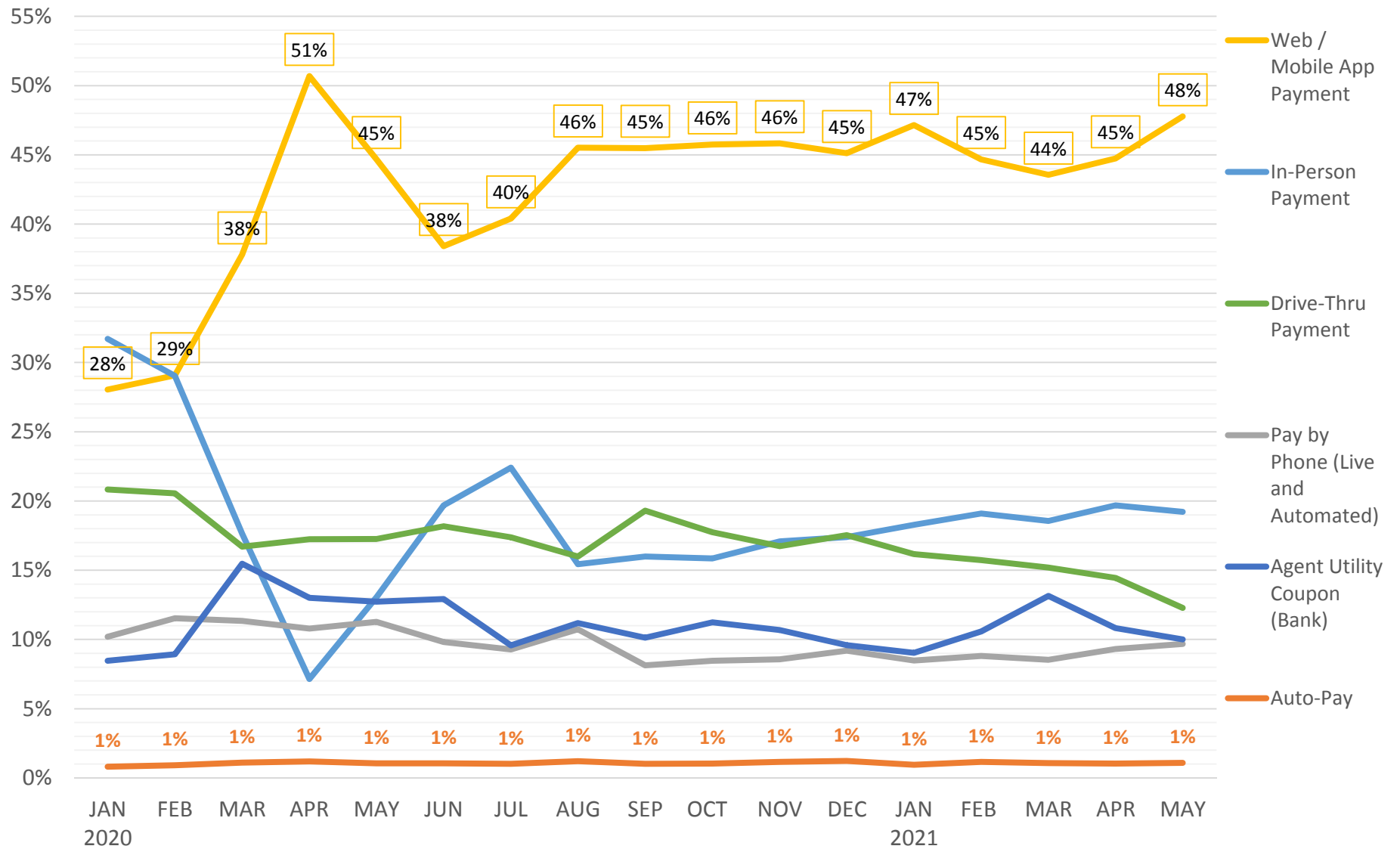


## Customer Service (Administration Division)

### Transactions by collection platform type (by percentage)

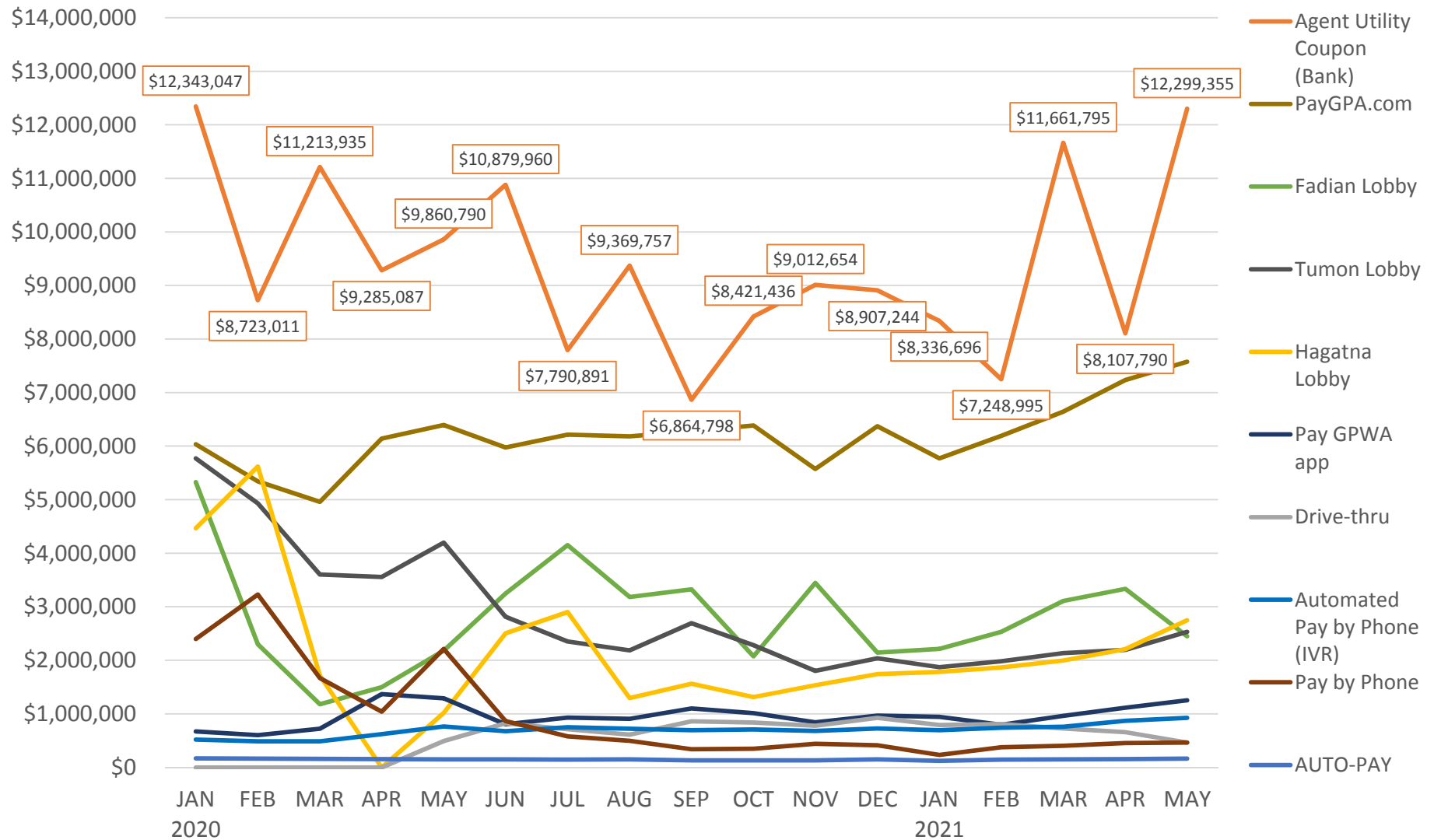
(KPI 1.2.4 – Increase web, pay-by-phone, and prepay payments)

January 2020 - May 2021



## Customer Service (Administration Division)

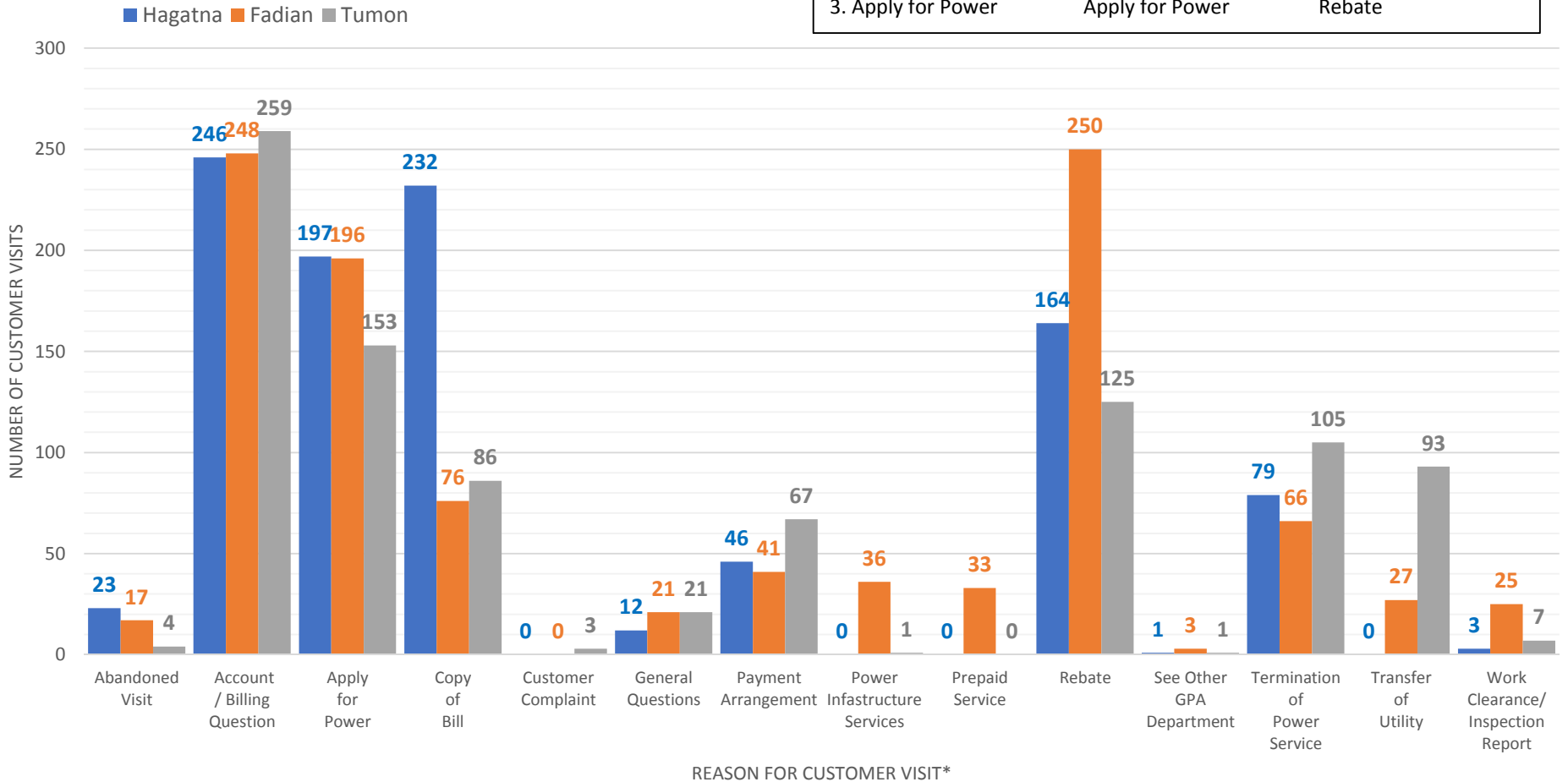
Dollar amount collected per collection point  
January 2020 - May 2021



## Customer Service (Administration Division)

### Reason for Visit by Location

May 2021

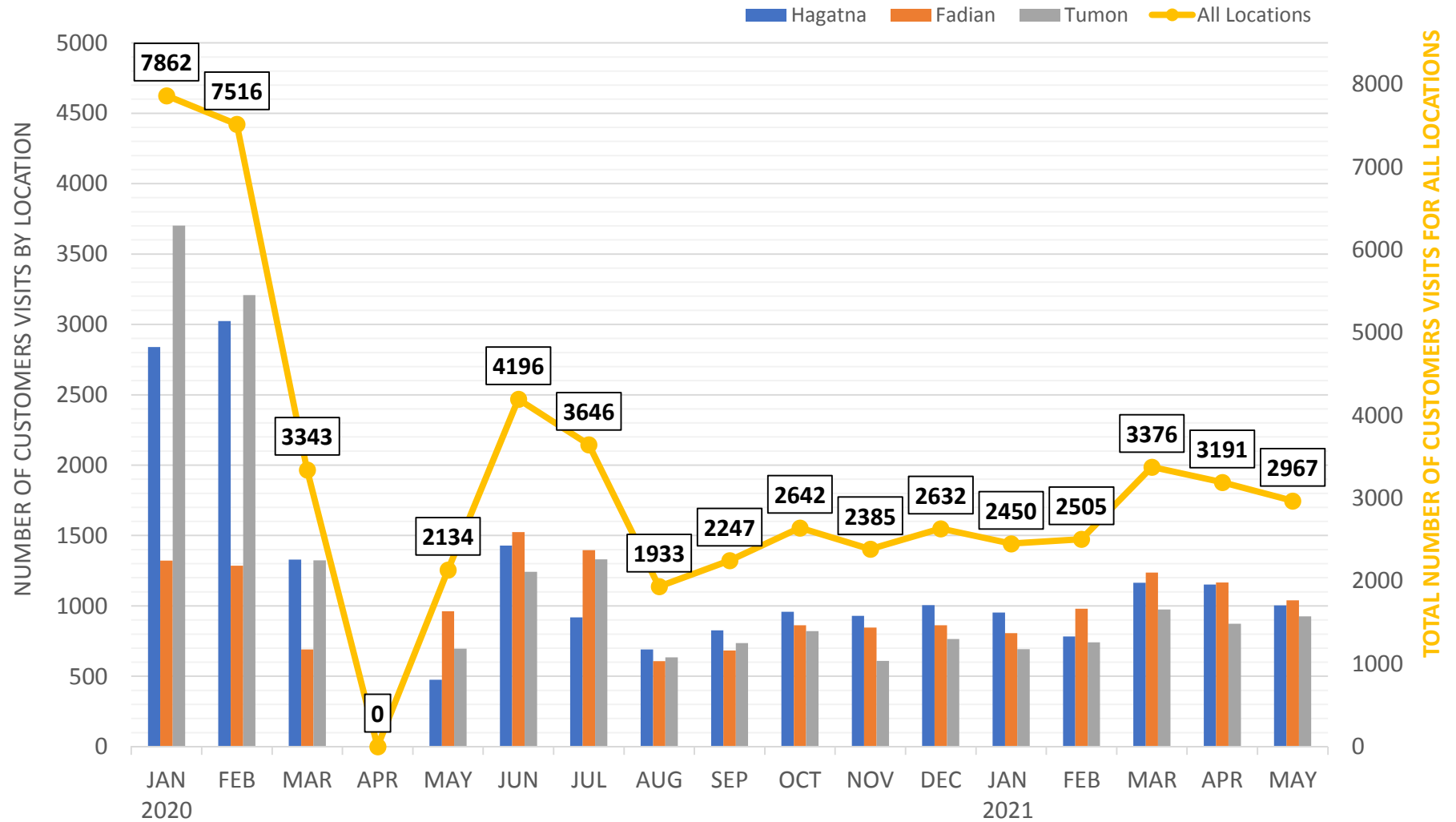


\*Each count per **Reason for Customer Visit** represents a customer who visits one of our lobbies. During their visit, the customer will only be counted once, regardless of the number of services provided to the customer. Their reason for visit will be coded based on their initial or primary reason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

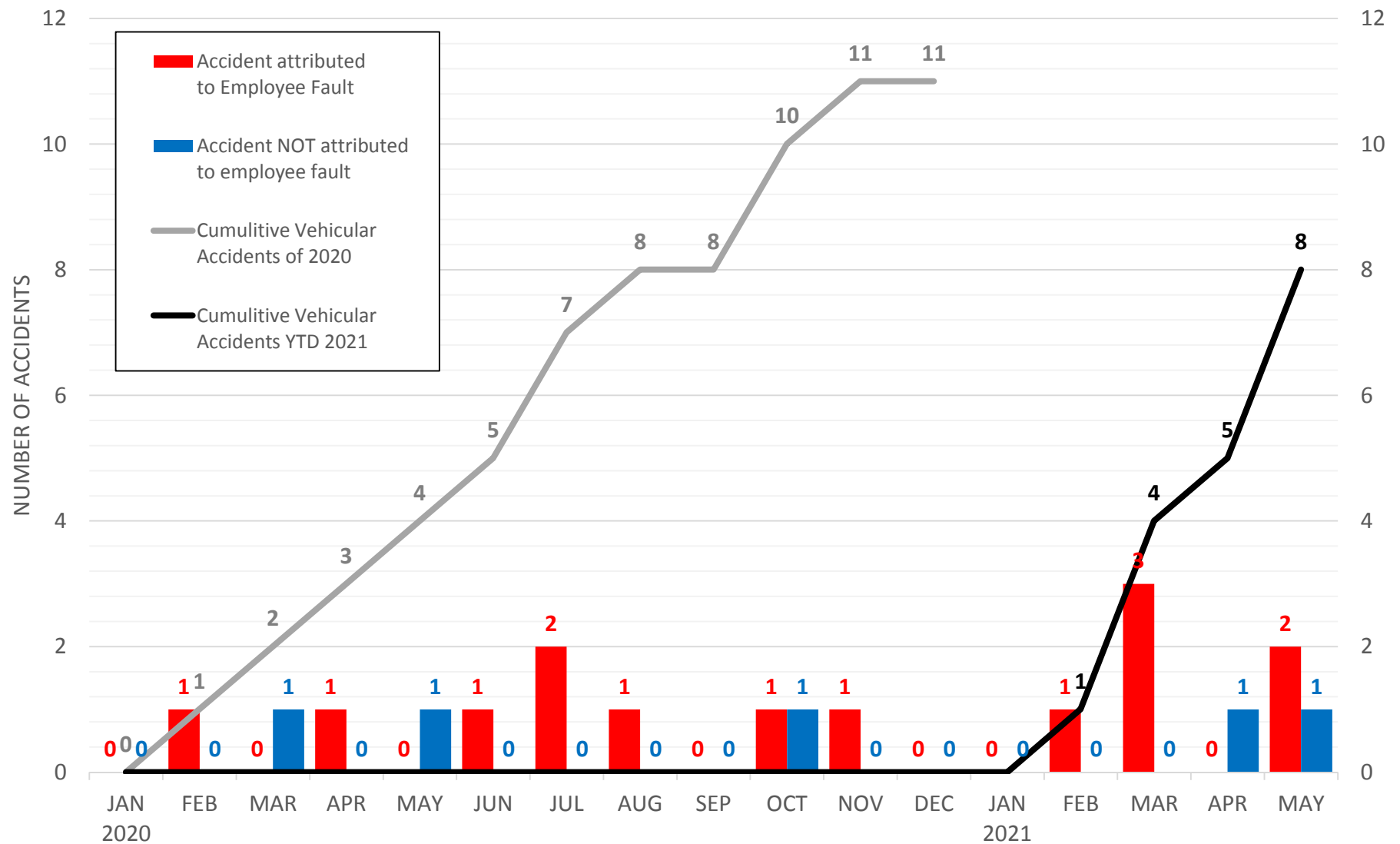
May 2021



# Safety (Administration Division)

## Vehicular Accidents

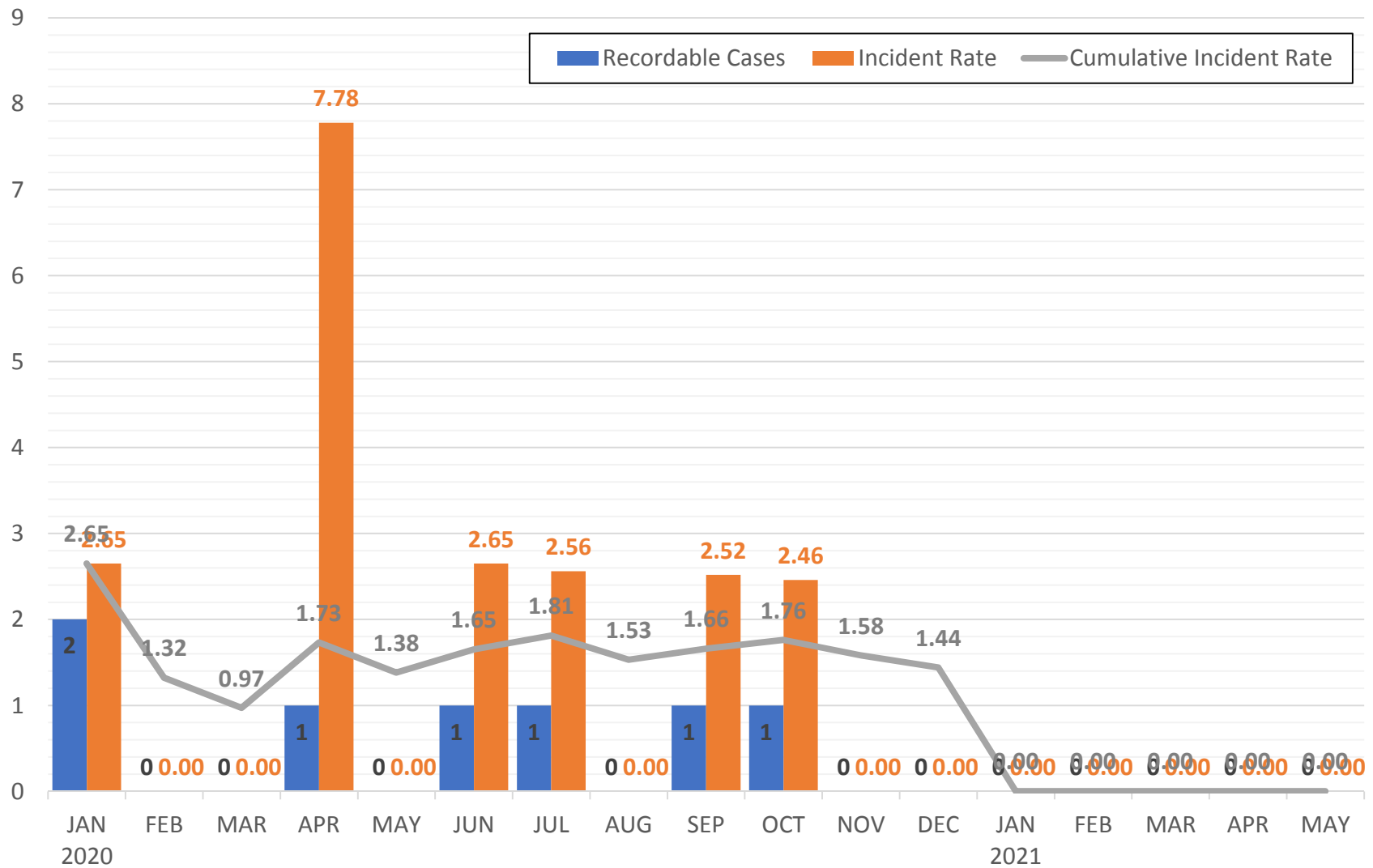
May 2021



# Safety (Administration Division)

## Incident Rate

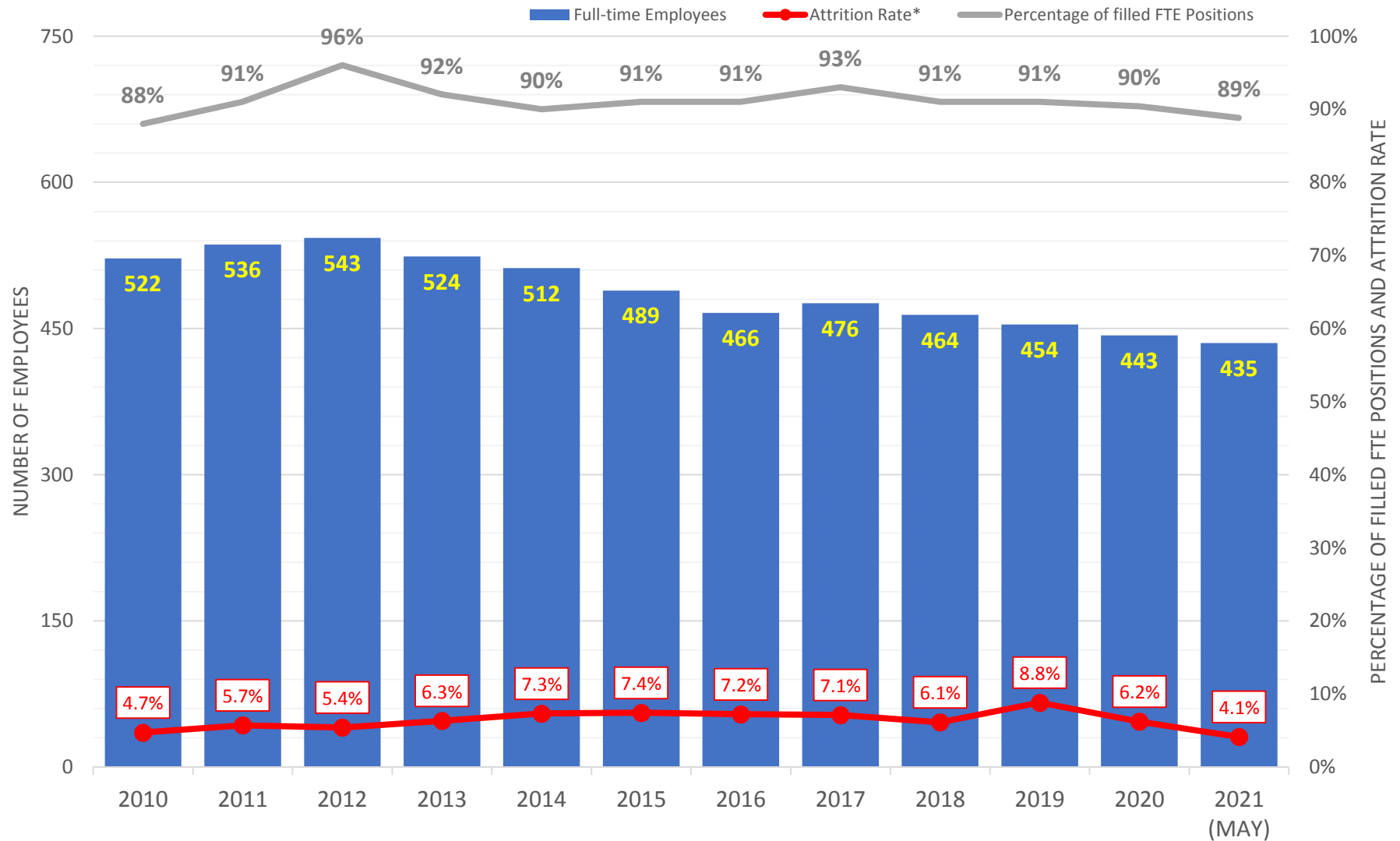
May 2021



## Human Resources (Administration Division)

### Recruitment Analysis

May 2021



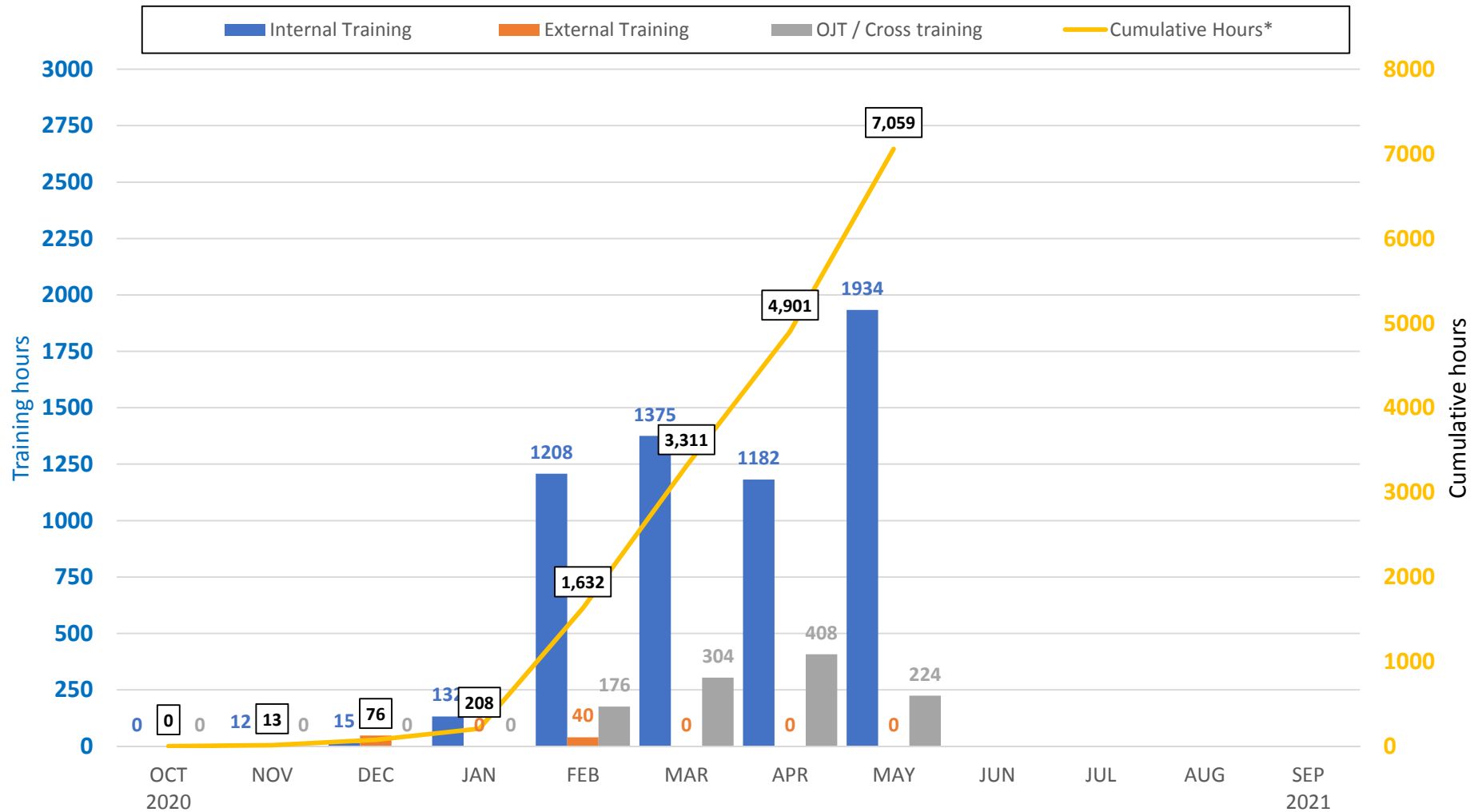
\*Attrition rate is calculated by dividing the sum of resignations, retirements, deaths, and terminations by the total filled FTE positions.



## Human Resources (Administration Division)

### Cumulative Training Hours for Fiscal Year 2021

May 2021



\*For fiscal year 2021, the training goal has been set at 14,098 hours, 2% of total straight (704,891 hours) worked for FY 2020. As of May 2021, GPA has achieved 50.07% progress towards its cumulative hours training goal.

## Procurement (Administration Division)

### Notable BID (RFP and IFB) monthly status update

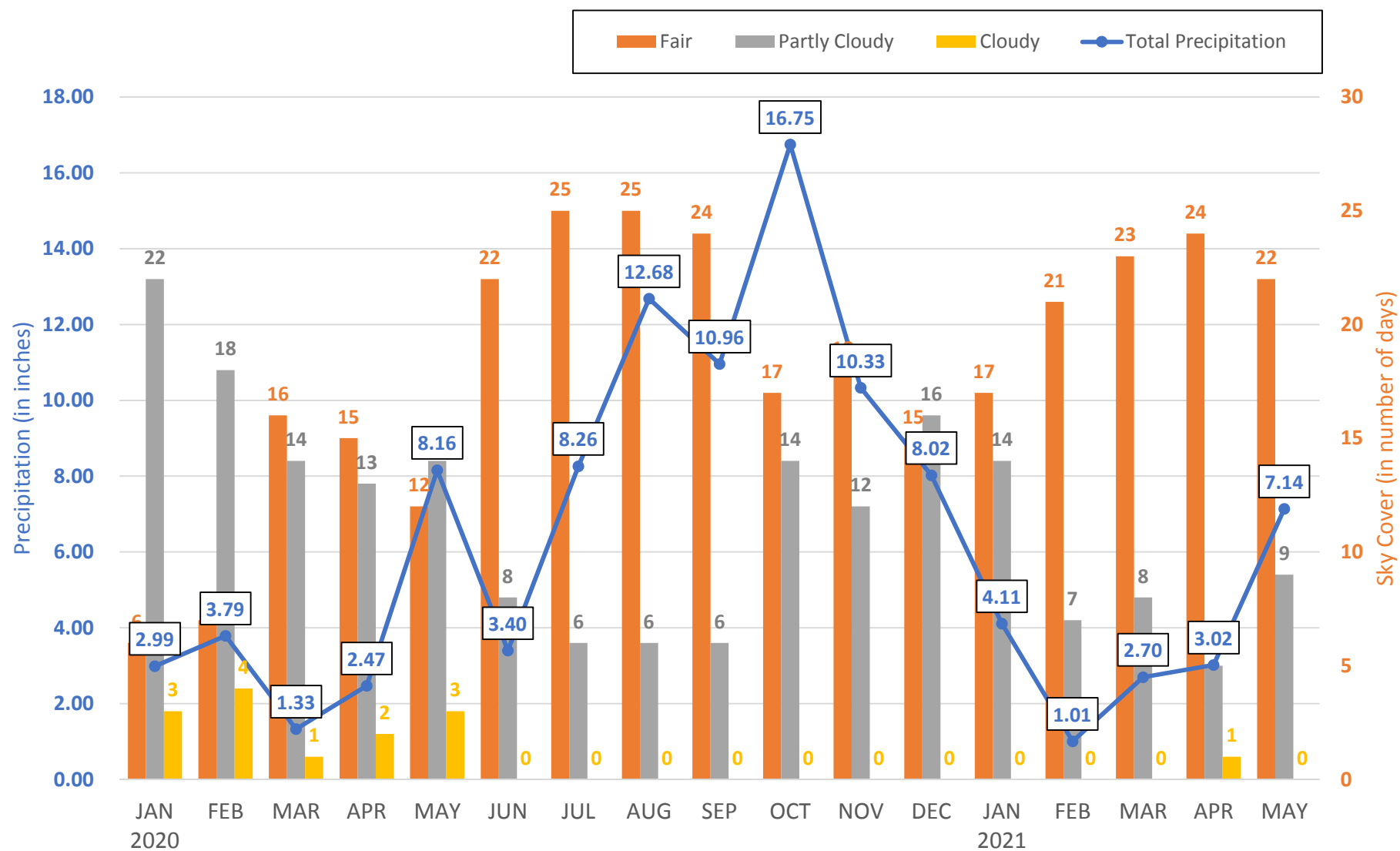
May 2021

RFP NO.	DESCRIPTION	DATE ADVERTISTED	RFP Closing	STATUS (as of 6/15/2021)
GPA-RFP-21-003	Meteorological Tower Quality Assurance Audit	03/04/2021 03/11/2021	03/26/2021 at 2pm	In progress - Pending price proposal from vendor.
GPA-RFP-21-004	Rebate Program Marketing Services	05/04/2021 05/11/2021	06/01/2021 at 3:00pm	In progress - Committee scheduled scoring for 06/17/2021 at 10am.
GPA-RFP-21-005	Merchant Services	5/25/2021 06/01/2021	06/18/2021 at 4pm	In progress - Bid opening date schedule for 06/18/2021.
IFB NO.	DESCRIPTION	DATE ADVERTISTED	BID OPENING	STATUS (as of 6/15/2021)
GPA-007-21	Pad Mounted Transformers	03/18/2021 03/25/2021	04/01/2021 at 10am	In progress - bid evaluation committee to provide vendor clarification response
GPA-019-21	Pole Mounted Transformers	01/12/2021 01/19/2021	01/28/2021 at 10am	In progress - emailed bid letters for vendor's acknowledgement
GPA-029-21	Dielectric Frequency Response (DFR) Test Set	02/18/2021 02/25/2021	03/10/2021 at 10am	In progress - pending approval memo from bid committee.
GPA-031-21	Infrared Camera and Multimeter with Infrared Guided Measurement (IGM)	03/23/2021 03/30/2021	04/06/2021	In progress - Pending bid evaluation committee memo.
GPA-036-21	Insulators	04/15/2021 04/22/2021	04/27/2021 at 9am	In progress - Bid recommendation memo received by procurement office and has been forwarded to AGMA and GM for approval.
GPA-037-21	Radiators	05/04/2021 05/11/2021	05/18/2021 at 10am	In progress - Bid letter has been prepared and PO has been printed for management's review and approval.
GPA-038-21	Crossarms and Extension Bracket	05/11/2021 05/18/2021	05/25/2021 at 10am	In progress - bid committee evaluation completed on 6/1/2021.
GPA-039-21	New 2021 50-Ton Trailer	06/03/2021	06/30/2021 at 10am	In progress - Initial run of advertisements placed in the Guam PDN and Guam Daily Post
GPA-040-21	Pad Mounted Transformers	05/20/2021	6/10/2021 at 11am	In progress - committee evaluation for 06/17/2021 at 9am
GPA-041-21	Technical Services - Remove, Dismantle, Repair, and Re-install Stator Exciter Rectifier located at Agana Plant	05/18/2021 05/25/2021	06/16/2021 at 10am	In progress - bid opening on 06/16/2021 at 10am
GPA-044-21	Corrective Maintenance for Wind Turbine Power Plant	05/27/2021	07/01/2021 at 10am	In progress - bid opening on 07/01/2021 at 10 am

## Guam Climate Summary

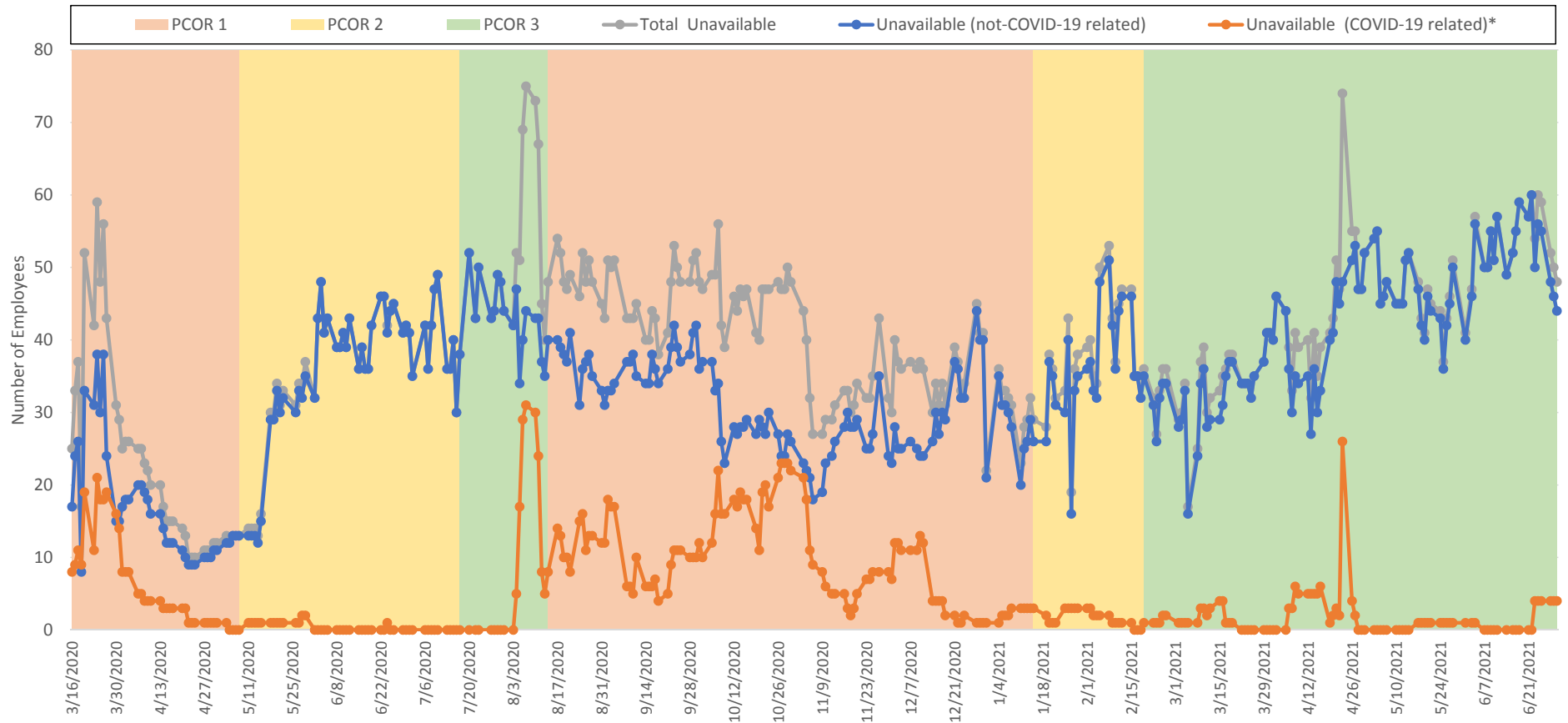
Sky Cover and Precipitation

January 2020 - May 2021



## Employee Unavailability Summary

March 16, 2020 - June 30, 2021



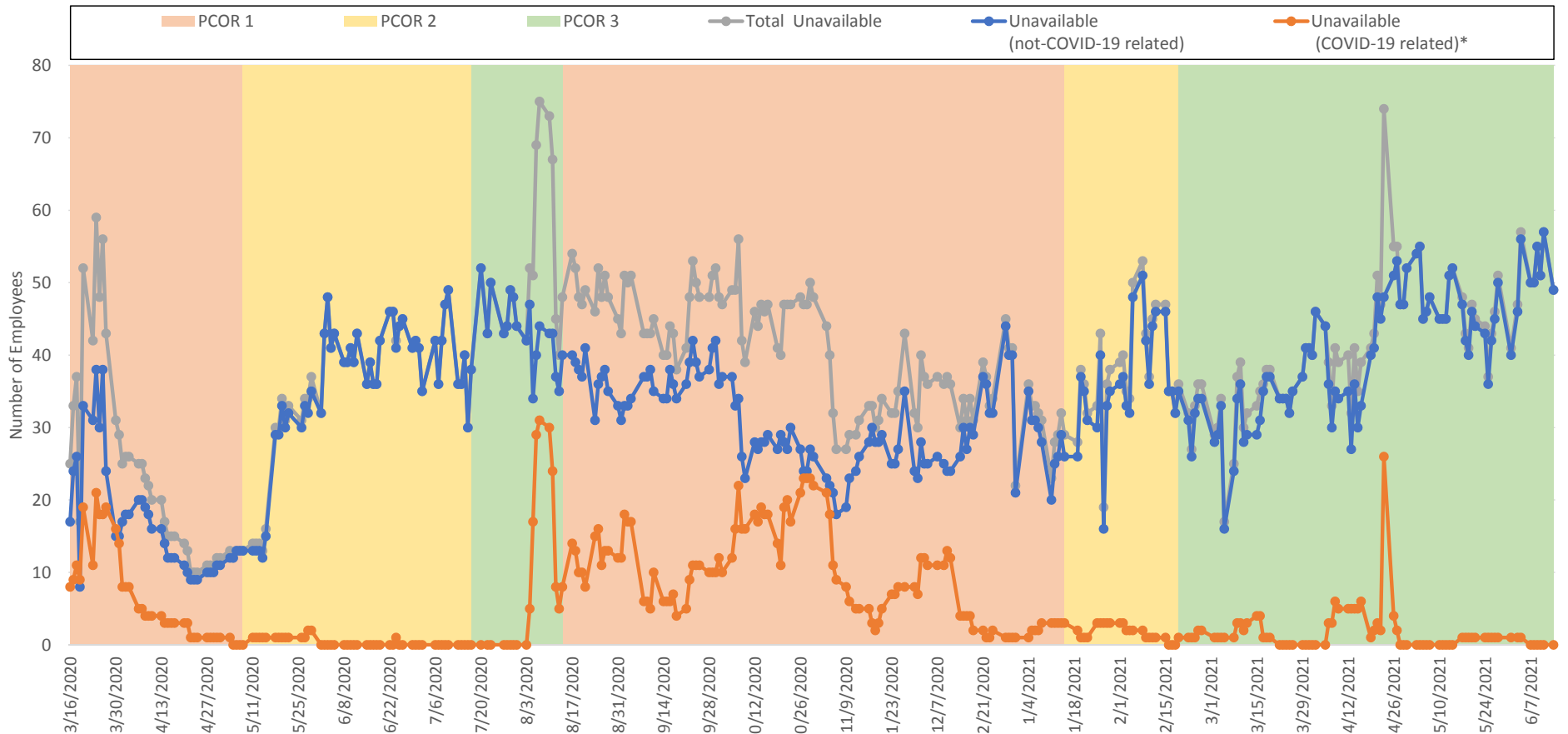
\*Unavailable (COVID-19 related) includes employees who tested positive for COVID-19, tested negative and instructed to isolate, in home quarantine do to possible contact with positive case, in travel quarantine, employees that felt ill and stayed home after receiving COVID-19 vaccine, etc.

\*\* Surge of unavailable employees on 4/23/2021 due to a number of employees reported to have eaten at a restaurant at the Tsubaki Tower hotel which had shutdown for a few days because of a hotel employee had tested positive for COVID-19.

\*\*\* Latest COVID related incident started on 6/22/2021, one (1) person from facilities tested positive for COVID-19 and 3 others were placed on home quarantine due to close contact with positive.

## Employee Unavailability Summary

March 16, 2020 - June 14, 2021



\*Unavailable (COVID-19 related) includes employees who tested positive for COVID-19, tested negative and instructed to isolate, in home quarantine do to possible contact with positive case, in travel quarantine, employees that felt ill and stayed home after receiving COVID-19 vaccine, etc.

\*\* Surge of unavailable employees on 4/23/2021 due to a number of employees reported to have eaten at a restaurant at the Tsubaki Tower hotel which had shutdown for a few days because of a hotel employee had tested positive for COVID-19.

# E&TS Divisional Report Summary

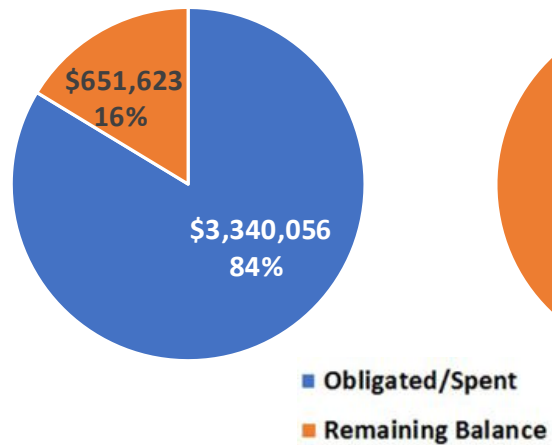
June 30, 2021

# Contents

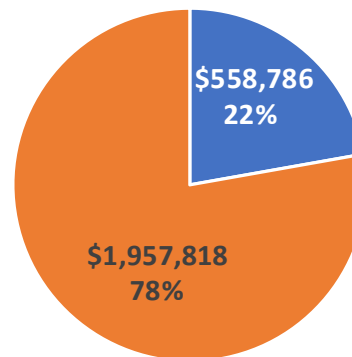
- E&TS Budget Execution Performance
  - O&M Contract Budget
  - CIP Budget
  - DSM Budget
- Environmental Compliance (SPCC and BMP Inspections)

# E&TS Budget Execution Performance

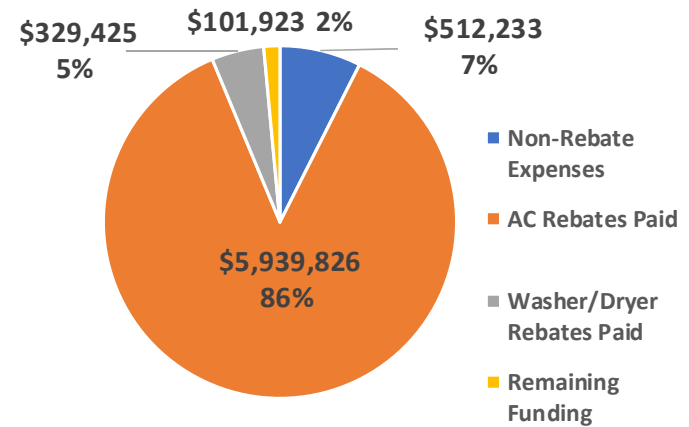
E&TS O&M Contract Budget



E&TS CIP Budget

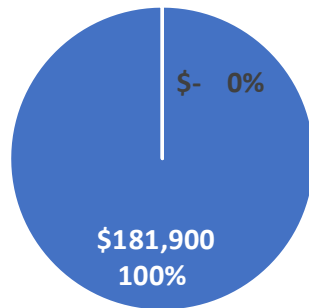


OCT 2016 to APR 2021 DSM EXPENSE SUMMARY

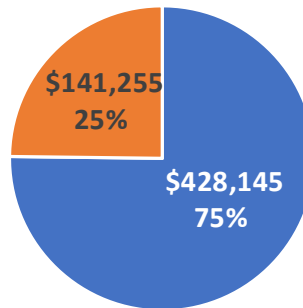




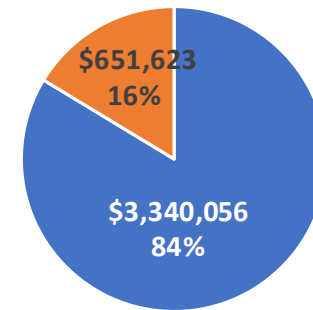
ENG O&M Contract Budget



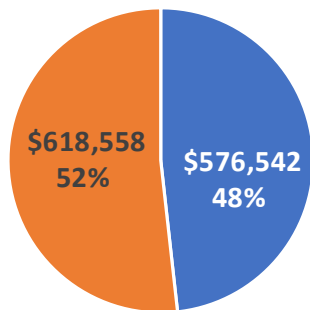
SPORD O&M Contract Budget



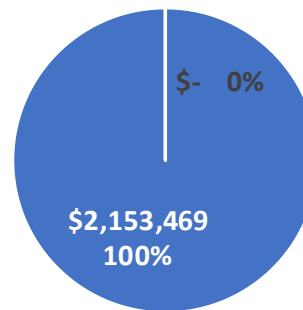
E&TS O&M Contract Budget



P&R O&M Contract Budget

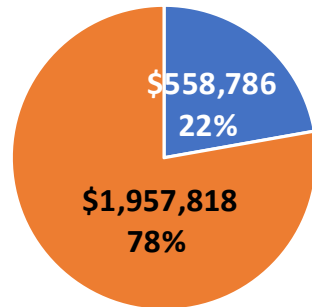


IT O&M Contract Budget

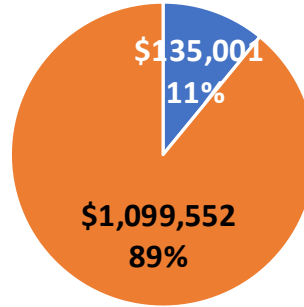


■ Obligated/Spent  
■ Remaining Balance

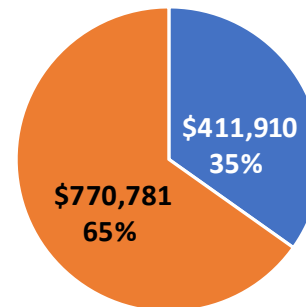
ENG CIP Contract Budget



SPORD CIP Budget



IT CIP Budget



■ Obligated/Spent  
■ Remaining Balance

# FY 2021 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>	3	1	4	8					5	1	4	10
<b>Engineering</b>	0	0		0			0	0	0	0		0
<b>SPORD/Engineering</b>				0								0
<b>IT</b>	2	1	1	4	1				2	2		4
<b>P&amp;R</b>		2	1	3			1		1	1		2
<b>Total</b>	<b>5</b>	<b>4</b>	<b>6</b>	<b>15</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>16</b>

\* Need to verify latest status

# Environmental Compliance

P&R Inspections Status Ending June 30, 2021

Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	2
		Remediations Past Due	10
		Remediations Not Past Due	0
	T&D	New Violation Notifications Issued	0
		Remediations Past Due	1
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	0
		Remediations Past Due	3
		Remediations Not Past Due	0

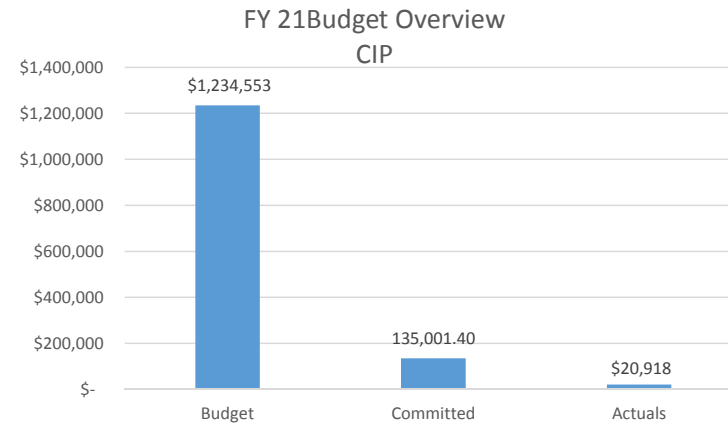
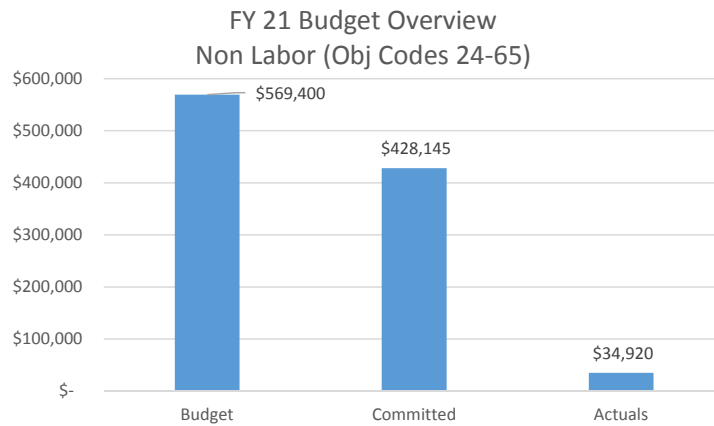
- SPCC rule purpose is to help facilities prevent oil discharges into navigable waters or adjoining shorelines
- BMP refers to a type of auxiliary pollution controls in the fields of industrial wastewater control and municipal sewage control, storm water management, and wetland management

# SPORD CCU Report

Update thru June 30, 2021

# SPORD FY 2021 Budget Status

thru April 30, 2021



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

# SPORD FY 2021 Budget Status

- Major Contracts (Non-O&M) thru April 2021

<b>Contract Description</b>	<b>Budgeted Amount</b>	<b>Committed Amount</b>	<b>Actuals</b>	<b>PO Balance</b>
Aggreko Contract	\$ 3,867,541	\$ 3,867,541	\$ 3,867,262	\$ 279
Fuel Contracts	\$ 172,702,457	\$ 170,002,586	\$ 96,464,258	\$ 73,538,329
MEC IPP (Piti 8&9)	\$ 31,096,614	\$ 31,096,614	\$ 11,546,144	\$ 19,550,470
Glidepath Contract (Renewable)	\$ 10,190,073	\$ 10,190,073	\$ 4,104,449	\$ 6,085,624

# SPORD FY 2021 Budget Status

## Demand Side Management

Description	FY16	FY17	FY18	FY19	FY20	FY21	Total to Date
						Posting Thru 6/30/21	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$114,960.49	\$272,804.49
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	-		\$233,831.05
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	\$1,009,175.00	\$5,913,626.00
Paid Rebates-Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$1,300.00	\$26,200.00
Paid Rebates-Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$60,197.00	\$329,425.00
<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>\$1,185,632.49</b>	<b>\$6,784,886.54</b>
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$231.99	\$6,022.61
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$375.00	\$5,597.32

\*Preliminary Data as of 6/30/21

DSM Ending Balance: \$ 1,019,222.56



# Ongoing Activities

- Contract Performance Management (IPP)
- Generation Fuel Supply & Fuel Farm Management
- DSM Rebate Processing & UESC Program
- Renewables (DOAg MOA, Phase I, II & III Projects)
- Energy Storage System
- New Power Plant
- Smart Grid/Network Support
- Planning Studies (Integrated Resource Plan, Distribution Study)
- Project Management
  - Procurement
  - *June 2021 Project Activities*

**PROCUREMENT ACTIVITIES****PENDING AWARD / NTP**

Responsible	PROJECT	Description	CCU Date Approved (Resolution No.)	PUC Date Approved (Docket No.)	Projected Start*	Projected Completion	Status
NO AWARDS PENDING							

**ONGOING PROCUREMENT**

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (MAT)	RENEWABLES	Renewable Energy Resource Phase III	MS Bid	GPA-007-18	11/16/2017	9/12/2019 (Price)	OPA Released decision in favor of GPA. Protest filed to Supreme Court as of Oct 2020. Next updated expected August 2021.
SPORD (HCC)	DSM Marketing	Energy Sense Rebate Program Marketing Services	RFP	GPA-RFP-21-004	5/4/2021	6/1/2021	
SPORD (ANF)	FUEL	Bulk ULSD Supply	MS Bid	MS GPA-047-21	6/10/2021	8/20/2021	Contract commencement date: Jan 1, 2022
SPORD (ANF)	FUEL	Diesel Inspection and Testing Services	MS Bid	MS GPA-046-21	6/10/2021	8/27/2021	Contract commencement date: Dec 1, 2021

**DEVELOPING PROCUREMENT**

Responsible	PROJECT	Description	Bid or RFP	Projected Start	Projected Completion	Status
SPORD (ANF/MAT)	FUEL	GPA Bulk Fuel Storage Facility PMC	Bid	FY2021	Sep-21	Developing Specifications to convert to PMC
SPORD (ANF)	FUEL	Diesel Supply to WSD	MS Bid	Aug-21	Mar-22	Bid Package Preparation In Progress.
SPORD (MAT)	RENEWABLES	Phase IV Renewable Resource Acquisition	(TBD)	Jan-20	Jun-21	Scope of Work & Bid Documents currently under AGMETS & SPORD Management review.
SPORD (RAC)	SCADA	Replicated Database	RFP	TBD	TBD	Developing Scope of Work & RFP Documents
SPORD (JTL)	ESS	Standby Generator & Automatic Transfer Switch for Talofofo ESS	RFP	FY 2021	FY 2022	Bid Package Prepared. Plan procurement document submitted to PMM.
SPORD (JTL)	RENEWABLES	Installation of Solar Canopy at Fadian Public Parking Area	(TBD)	FY 2021	FY 2022	Bid Package Preparation Ongoing. Previous Bid Package format need to be updated and include additive bid item for EV Charger Integration.

GPA Work Session - July 22, 2021 - DIVISION REPORTS

No.	Project Description	June 2021 Activities	Status / Est. Completion	RFP/Bid No
1	Energy Storage System (Phase I)	Full operation and O&M contract commenced on 3/1/21. Contract amendment and warranty bond completed. Replacement of recalled batteries expected to commence mid-August 2021 and completed within 3 months.	Construction phase of contract completed. O&M phase on-going.	MS Bid GPA-082-15
2	Renewable Energy Resource Phase II	- KEPCO is progressing with interconnection construction and solar / ESS installation work (148,960 of 220,000 PV Panels installed and 16 of 16 Battery Inverters Stations installed.) Interconnection work include 34.5KV Transmission line, new power poles and underground conduits. Overall, the project is approximately 77% completed. Factory Acceptance Testing (FAT) for switchgear and SCADA scheduled for July.. - Hanwha's design and construction permit is ongoing. Transmission line design (from Apra substation to Piti substation) is anticipated to be submitted to GPA by July 2021 for review.	KEPCO PV plant COD is extended from January 21, 2022 to May 20, 2022. Hanwha's COD is extended from Aug 22, 2022 to Dec 22, 2023.	MS Bid GPA-070-16
3	New Power Plant Bid (EPCM)	Progress includes: <b>Guam EPA/ USEPA</b> - Guam EPA responds to Environmental Impact Assessment (EIA) submittal with no major comments. Ukudu Plant air permit under USEPA technical review. GPA/KEPCO team met with GEPA regarding pre-application air permit for the DG plant. KEPCO is working on the EIA for the DG Plant. GPA completed the baseline noise study for the DG plant.  <b>GWA</b> - GPA completed review of the tri-party water supply & wastewater discharge agreement draft. KEPCO/GWA reviewing document. GWA completes diffuser installation at NDWWTP which will allow permit modification process to address NPDES discharge limits for Ukudu Plant.  <b>Pipeline Activities</b> - SHPO approved permit for pipeline geotechnical boring investigation with conditions to address additional Research Design comments. Boring for geotechnical data initiated. DPW has approved construction permit for pipeline demolition.  <b>EPCM Contract</b> - GPA obtained CCU approval for new EPCM RFP to replace the soon to be expired EPCM contract. Pending PUC approval under the procurement protocol.	ECA Project COD -Target November 2023	MS GPA-034-18
4	DSM Marketing	- Evaluation was completed for 3 proposals that were submitted. Next step is price proposal evaluation and negotiation.	July 2021	
5	DSM Rebate Program	Processed 705 applications for rebates totaling \$188K in the reporting period (June, 2021).	Continuous	

GPA Work Session - July 22, 2021 - DIVISION REPORTS

No.	Project Description	May 2021 Activities	Status / Est. Completion	RFP/Bid No
6	Wireless Network Expansion	Commenced Southern Expansion	Dec-21	GPA-RFP-19-010
		Dandan Substation Installation Design - Waiting on Materials for installation Apra Heights Installation Design - Waiting on Materials for installation	Aug-21	
7	Smartworks MDM and Eportal	E-PORTAL training completed for May 2021 Data Migration from Oracle to Postgres Plan (Upgrade to latest version pre-requisite) Upgrade on Existing Test and Production System Planning - IT preparing Servers	May-21 Aug-21	GPA-RFP-19-007
8	GDOE BEST Schools	FY 20 DOI Award Projects: 1. Agueda Johnston Middle School LED Lighting Retrofit (\$586,771), Overbudget of \$79,903 available for repurpose. Materials have been ordered.  2. Maria Ulloa Elementary School LED Lighting Retrofit (\$522,616), Overbudget of \$607 available for repurpose. Materials have been ordered  3. GPA requested for reallocation/reprogram of funds in excess of Ulloa & Johnston schools updated costs (~\$80,480) for Southern High School exterior HPS lighting fixtures to LEDs. Approval pending.  <i>GPA received Authorization to Proceed from DOI on 9/11/20. Guam DOE signed MOAs for both schools on 3/10/21. Notice to Proceed was provided to Siemens on 3/10/21.</i>	Estimated Start: May 2021 Est. Completion: August 2021	GPA-RFP-16-013
9	Supervisory Control and Data Acquisition (SCADA) System	Project Substantially completed Completed OMS and Scada Integration Testing at Vendor Site- IT reviewing Network integration requirements and plan Met with Siemen and Milsoft need more testing on Milsoft side	Feb 2019 (Punchlist items by tentative June 2021 due to COVID)	GPA-066-16
10	Mobile Workforce Management System	Production Installation Completed	May '21	GPA-RFP-18-013
11	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	Preliminary Report should be completed by June 2021	Continuous	RE-SOLICITATION GPA-RFP-19-002
12	MEC Piti & #8 and #9 - ECA Extension	Contract Extension commenced 12:00 Noon January 29, 2019. (No issues) Review and adjustment of Recapitalization Projects in-progress. (No issues) ULSD Conversion CIP finalized with MEC & BWSC. First Milestone Payment completed 3/3/2021.	IN PROGRESS	(N/A)

GPA Work Session - July 22, 2021 - DIVISION REPORTS

No.	Project Description	June 2021 Activities	Status / Est. Completion	RFP/Bid No
13	EV Infrastructure	Fast charge station scope for Mangilao offices. Developing fast charge station scope for Mangilao offices.	On-Hold	
14	Renewable Energy Resource Phase III	OPA released decision 9/2020. Protest filed to Superior Court in October 2020. Hearing for oral arguments set for August 2021.	TBD	GPA-007-18
15	Utility Energy Services Contract (UESC)	Continued work with GDOE on Best Schools Program (Grant & Pilot). GPA awarded first task at AAFB to upgrade parking lot lighting (~\$198K). GPA and Anderson have approved material submittals. -Siemens Industry on Island second week of June, 2021 for AAFB Task Order, UOG IGA, GDOE Preliminary Meetings (Grants).	Ongoing	
16	GPA Fuel Farm ULSD Pipeline Upgrade	c/o Engineering Project Mgt. Design in progress. Delays due to COVID will move project completion into Summer 2021.	Project Timeline: Estimated Start: Jan 2020 Est. Completion: Dec 2021-Mar 2022	IFB GPA-027-19
17	Tk 1934 & Tk1935 API 653 Internal Inspection	c/o Engineering Project Mgt. Implementation in progress. Delays were experienced for Tank 1935 due to COVID however the total project schedule may still be within the projection completion date.	Project Timeline: Estimated Start: Feb 2020 Est. Completion: Dec 2022	IFB GPA-028-19
18	Milsoft Systems Software Services	Upgrade of OMS production planned, OMS Training being scheduled	Continuous	GPA-RFP-18-003
19	MV90 Integration Services	Production servers Provision Training Planned on July 2021	Jun-21	GPA-RFP-18-001
20	Grant Support	Continued grant development and execution.  1. Guam Energy Office EnergySmart School Grant (~\$64K) - GPA working with Siemens to schedule audit of 4 schools under this grant. 2. On-site Energy Audits conducted January 25 - 30, 2021. 3. Analysis and final report submitted to GPA on 3/31/2021 4. Energy Audit Review with school Administration and Energy Management Plan Meetings completed week of April 26, 2021. 5. STEM Kit Demonstration at participating schools completed week of April 26, 2021. 6. Energy Management Plan ongoing	GEO MOA Finalize: Sept '19 Grant Scope Completion: Dec. '21	

GPA Work Session - July 22, 2021 - DIVISION REPORTS

No.	Project Description	June 2021 Activities	Status / Est. Completion	RFP/Bid No
21	Redesignation of Cabras-Piti / Guam	AAQM Plan submitted & discussed from 2011-2015. Re-designation received 12/2018. SIP Draft sent to Guam EPA week of 10/21/2019, and acknowledged by USEPA/Guam EPA. Final clarifications and changes made to Control Strategy and SIP Modeling Protocol and submitted by GPA. Guam EPA via email and hand delivery of printed copy, week of February 10, 2020. P&R Division closely coordinating with GEPA and USEPA Region 9; as of June 2021, an Island-wide Emissions Inventory was completed by TRC and P&R Division. GPA via P&R standing by to assist GEPA. TRC Contract expires this month. Recommendation sent by Environmental Manager (via AGMETS) to CFO on	Start: October 2011 Est. Completion: TBD, but recommended for closing	RFP-11-001
22	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 2022	IFB GPA-028-19
23	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 2022	IFB GPA-028-19
24	Integrated Resource Plan	IRP Kickoff Meeting completed on January 29, 2021, and 2nd meeting completed on March 26, 2021. IRP Analysis in progress. 3rd Meeting postponed. CE runs, PO runs, AGMETS Reliability Tool analysis in progress.	Target: August 2021	GPA-RFP-17-002 / UFS / S&P
25	Energy Storage Development Support	Consultant provided support for third-party commissioning services.	Work Completed - PO expires 9/30/21	GPA-RFP-13-007
26	Utility Resource Planning Software RFP.	RFP cancelled. A new RFP is being developed and scheduled for announcement later this FY.	Planned Completion: 3/31/2022	TBD
27	Power System Analyses and Studies	Signed contract and PO Acknowledgement received from S&C. System impact studies for Phase III are on hold due to Phase III Protest.	Estimated Start: TBD Est. Completion: TBD	
28	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	TBD
29	GPA Fuel Farm Mgt Contract	2nd & 3rd Year Contract Extension (10/01/20-09/30/22) approved by CCU (Resolution 2020-03) and PUC (Docket 20-08).	2-year base period: Completed 09/30/19 1st Year Extn: Completed 09/30/20 2nd & 3rd Yr Extn: 10/01/20 to 09/30/22	MS IFB GPA-014-17
30	RFO Supply to Baseload Plants	Contract awarded to Hyundai Corporation Contract Term: 3-year base period: 09/01/20 to 08/31/23 w/ 2 Year Extn Option	3-year base period: 9/1/2020-8/31/2023	MS IFB GPA-050-20

GPA Work Session - July 22, 2021 - DIVISION REPORTS

No.	Project Description	June 2021 Activities	Status / Est. Completion	RFP/Bid No
31	Reliability Studies	Completed evaluation and set-up of initial scenarios to determine options for maintaining reliability standard, after new power plant commences operation. Initial analysis focused on determining if Piti 8&9 can be retired.	Est. Completion: TBD (same as IRP)	(No consultant)
32	RFO Testing Services Contract	Contract awarded to SGS Guam Contract Term: 2-year base period w/ 3 Year Extn Option	2-year base period: 9/1/2020-8/31/2022	MS IFB GPA-013-20
33	DSM Digitization	On-Prem Server connection was established. GPA Alpha testing currently in progress. Xtendly to update timeline and UAT based on testing results. Estimate completion date is around late September.	Project Start: Sep 2020 Est. Completion: TBD	TBD
34	Diesel Supply (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	GPA-008-18

# CCU Report- DSM

As of June 2021



# All Expenses – Fiscal Year

Description	FY16	FY17	FY18	FY19	FY20	FY21	Total to Date
						Posting Thru 6/30/21	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$114,960.49	\$272,804.49
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	-	-	\$233,831.05
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	\$1,009,175.00	\$5,913,626.00
Paid Rebates–Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$1,300.00	\$26,200.00
Paid Rebates–Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$60,197.00	\$329,425.00
<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>\$1,185,632.49</b>	<b>\$6,784,886.54</b>
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$231.99	\$6,022.61
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$375.00	\$5,597.32

*\*Preliminary Data as of 6/30/21*

## DSM Funding

No.	Description	Amount
1	Initial DSM Budget FY 2016	\$1,806,014.00
2	Interest Income	\$6,022.61
3	Bank Fees	\$5,597.32
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 June 2021)	\$2,182,508.14
5	Total Expense FY2016– FY2020 (Ending May 2020)	\$4,355,078.30
6	Total Expense FY2020 –FY2021 (June 2020 to June 2021)	\$2,429,808.24
	<b>DSM Ending Balance – LEAC Funds</b>	<b>\$1,019,222.56</b>

*\*Preliminary Data as of 6/30/21*

## FY 2020- Rebate Amount Paid Monthly

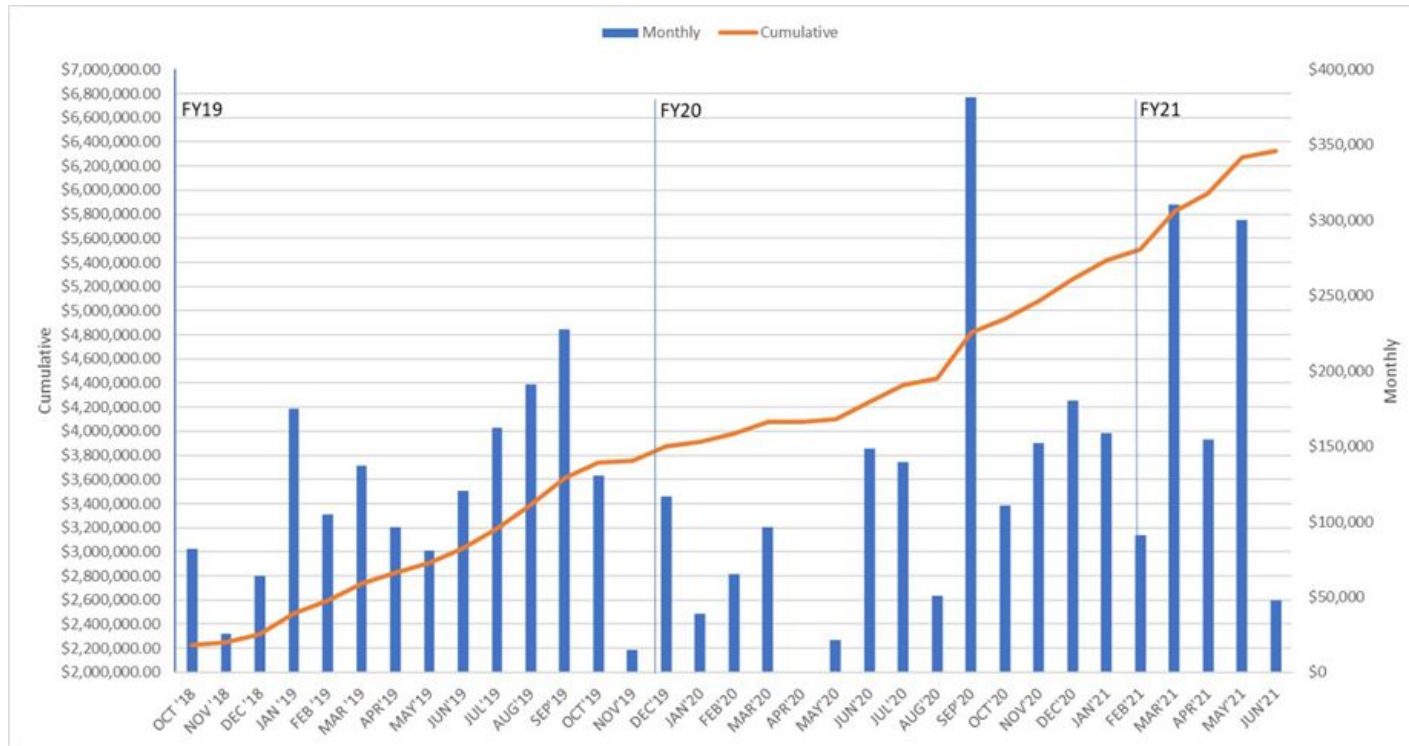
Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '19	\$130,450.00	\$119,350.00	\$500.00	\$10,600.00
NOV '19	\$14,900.00	\$14,300.00	\$0.00	\$600.00
DEC '19	\$116,775.00	\$105,875.00	\$500.00	\$10,400.00
JAN '20	\$39,050.00	\$36,650.00	\$0.00	\$2,400.00
FEB '20	\$65,050.00	\$60,450.00	\$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	\$381,725.00	\$360,925.00	\$0.00	\$20,800.00
TOTALS	\$1,204,750.00	\$1,117,450.00	\$1,500.00	\$85,800.00

## FY 2021- Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '20	\$ 110,825.00	\$ 110,325.00	\$ 500.00	–
NOV '20	\$ 151,925.00	\$ 142,425.00	\$ 500.00	\$ 9,000.00
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				
AUG '21				
SEP '21				
TOTALS	\$ 1,505,700.00	\$ 1,427,900.00	\$ 2,800.00	\$ 75,000.00

*\*Preliminary Data as of 6/30/21*

## FY'19- FY'21 Rebate Amount Paid



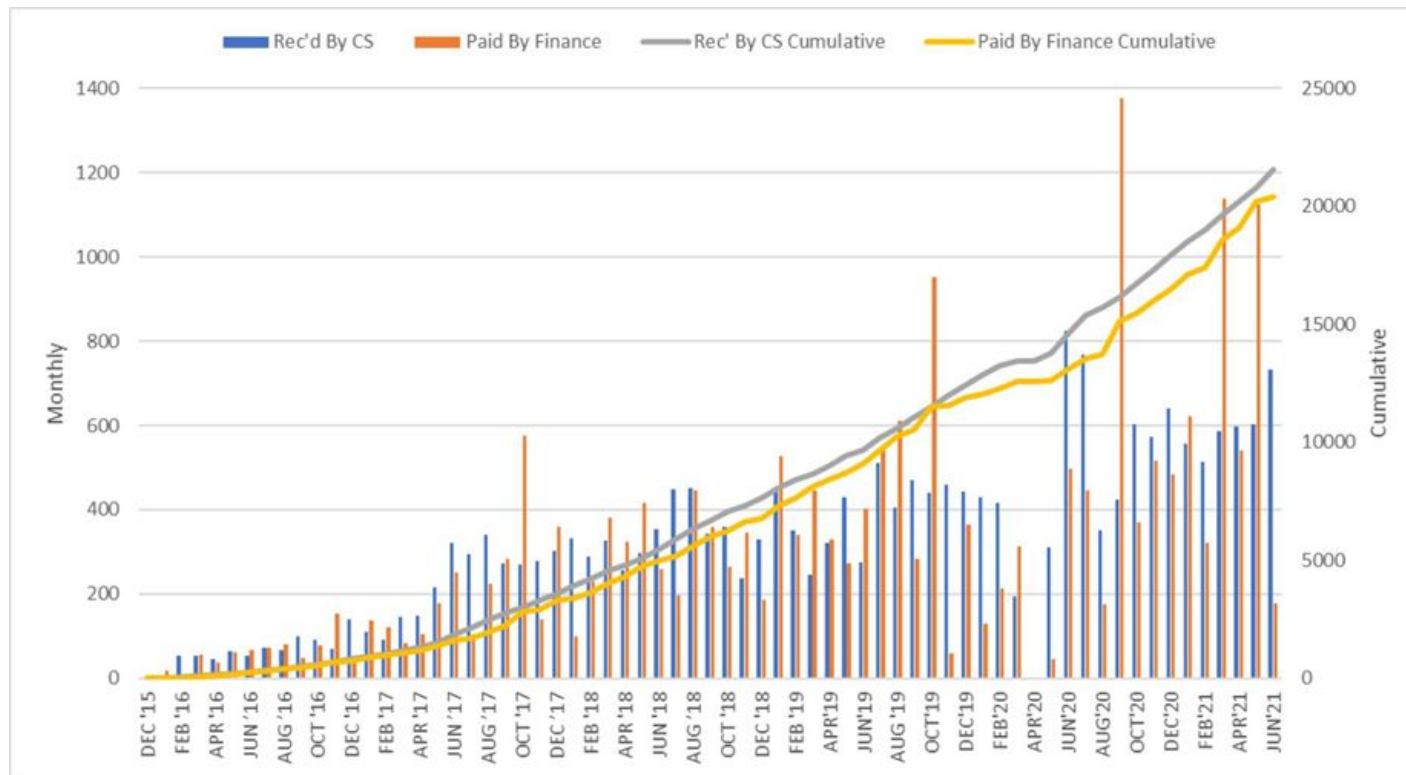
## FY 2020 Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCT '19	440	428
NOV '19	353	51
DEC '19	445	363
JAN'20	431	126
FEB '20	394	205
MAR '20	194	292
APR '20	-	-
MAY '20	435	41
JUN '20	825	501
JUL '20	824	618
AUG '20	410	838
SEP '20	425	500

## 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		
AUG '21		
SEP '21		

## FY'18 - FY'21 Number of Applications Received By Customer Service and Paid

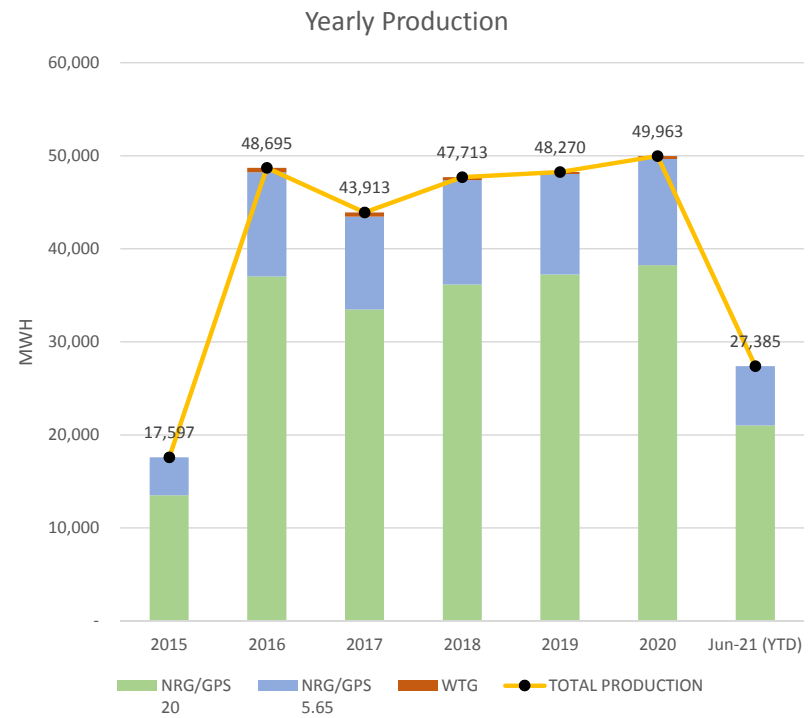
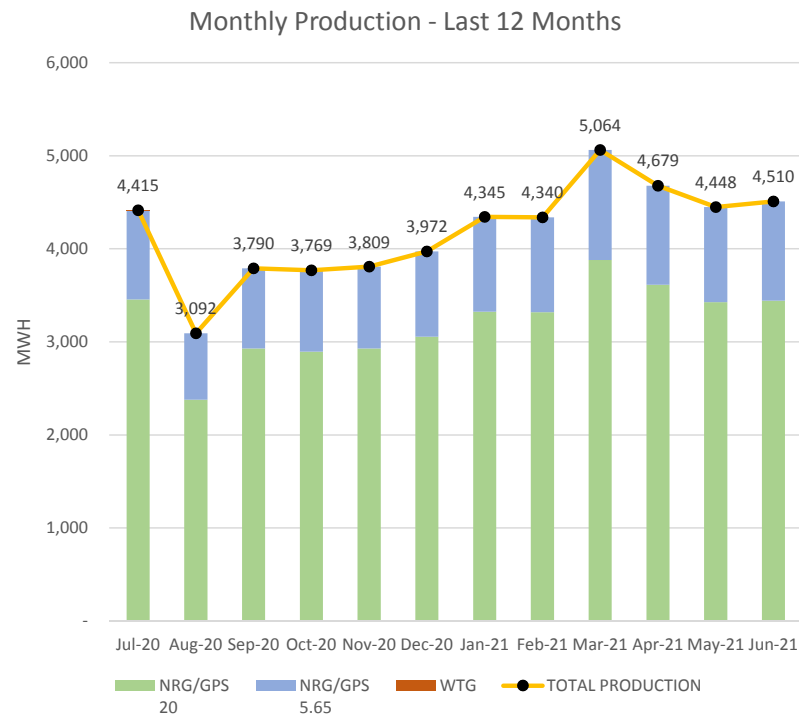




# Renewable Energy Production CCU Report

June 30, 2021

# Renewable Energy Charts



# Renewable Energy Data

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

Date	NRG/GPS 20	NRG/GPS 5.65	WTG	TOTAL PRODUCTION
Jul-20	3,454.91	956.90	3.46	4,415.27
Aug-20	2,378.96	712.98	-	3,091.94
Sep-20	2,928.72	861.02	-	3,789.74
Oct-20	2,894.51	874.45	-	3,768.95
Nov-20	2,930.24	878.28	-	3,808.52
Dec-20	3,054.77	917.26	-	3,972.03
Jan-21	3,323.45	1,021.14	-	4,344.60
Feb-21	3,318.26	1,021.24	-	4,339.50
Mar-21	3,880.61	1,183.49	-	5,064.10
Apr-21	3,613.77	1,064.99	-	4,678.76
May-21	3,428.20	1,019.55	-	4,447.75
Jun-21	3,443.80	1,066.39	-	4,510.19
<b>Total</b>	<b>38,650.21</b>	<b>11,577.68</b>	<b>3.46</b>	<b>50,231.35</b>

**Yearly Renewable Production**

Date	NRG/GPS 20	NRG/GPS 5.65	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	231.26	48,270.44
2020	38,249.82	11,393.79	319.85	49,963.46
Jun-21 (YTD)	21,008.10	6,376.80	-	27,384.90
<b>Total</b>	<b>216,695.10</b>	<b>65,032.15</b>	<b>1,808.57</b>	<b>283,535.82</b>

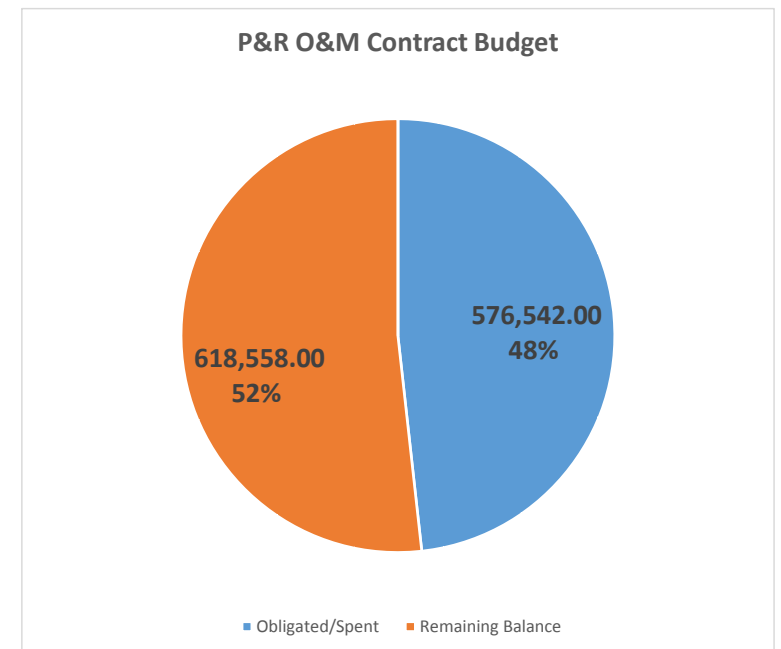
- NRG / GPS = Phase I Solar
- WTG = Wind Turbine Generation
- Data as of June 2021 in MWH

# Planning & Regulatory CCU Report

June 30, 2021

# Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
  - 38.0% O&M Obligation as of October 31, 2020 (Actual)
  - 40.0% O&M Obligation as of November 30, 2020 (Actual)
  - 40.0% O&M Obligation as of December 31, 2020 (Actual)
  - 40.0% O&M Obligation as of January 31, 2021 (Actual)
  - 48.0% O&M Obligation as of February 28, 2021 (Actual)
  - 48.0% O&M Obligation as of March 31, 2021 (Actual)
  - 48.0% O&M Obligation as of April 30, 2021 (Actual)
  - 48.0% O&M Obligation as of May 31, 2021 (Actual)
  - 48.0% O& M Obligation as of June 30, 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

**WEEKLY BMP REPORT SUMMARY  
CABRAS POWER PLANT  
MONTH OF JUNE 2021**

## LEGEND OF TRACKING



Notification Date



Within Scheduled Remediation



Completed



Deadline is Past Due

LOCATION	WE 06/04/21 FINDINGS	WE 06/11/21 FINDINGS	WE 06/18/21 FINDINGS	WE 06/25/21 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETED	RESPONSE
CABRAS FACILITY	Fast accumulation of used oil in trench/ sump pit at Fuel Treatment House Cabras 3&4	Fast accumulation of used oil in trench/ sump pit at Fuel Treatment House Cabras 3&4	Fast accumulation of used oil in trench/ sump pit at Fuel Treatment House Cabras 3&4	Fast accumulation of used oil in trench/ sump pit at Fuel Treatment House Cabras 3&4	Pump out oil ASAP	2/5/2021	ASAP		
	Oil in sump pit, Cabras 3&4	Oil in sump pit, Cabras 3&4	Oil in sump pit, Cabras 3&4	Oil in sump pit, Cabras 3&4	Remaining oil must be pumped out to prevent accidental overflow due to rainwater accumulation	6/12/2020	ASAP		
	Heavy corrosion on tank cover at C1&2 oil/sludge tank	Heavy corrosion on tank cover at C1&2 oil/sludge tank	Heavy corrosion on tank cover at C1&2 oil/sludge tank	Heavy corrosion on tank cover at C1&2 oil/sludge tank	Replace tank cover - One tank cover replaced, other one in progress	1/8/2021	ASAP		



## T&amp;D SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT  
MONTH OF JUNE 2021

## LEGEND OF TRACKING



Notification Date



Completed



Within Scheduled Remediation



Deadline is Past Due

## SUBSTATIONS

LOCATIONS	FINDINGS		RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
DEDEDO SUBSTATION	T-191 & T-192 & T-55	Water inside containment (T191 & 192)	Drain water	Corrective action completed		June 2021	ASAP	April 2021
DEDEDO SUBSTATION WAREHOUSE	Transformer Storage Area	NO CORRECTIVE ACTION						
MACHECHE SUBSTATION	Secondary Containment	NO CORRECTIVE ACTION						
TALOFOFO SUBSTATION	Secondary Containment	Water accumulation in sec. containment	Drain Water					April 2021
TENJO SUBSTATION	Facility Area	NO CORRECTIVE ACTION						
YIGO SUBSTATION	Secondary Containment	NO CORRECTIVE ACTION						

## Generation SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT  
MONTH OF JUNE 2021

## LEGEND OF TRACKING

	Notification Date		Completed
	Within Scheduled Remediation		Deadline is Past Due

## POWER PLANT

LOCATIONS	FINDINGS		RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
CABRAS POWER PLANT	Oil Sludge Tank	Heavily corroded cover	Replace sludge tank covers	New steel plate cover ready to be installed			ASAP	February 2020
	Supply line near the outfall	No secondary containment	Regular monitoring is required				ASAP	September 2019
DEDEDO CT	OWS 1&2	Accumulated rainwater	Drain water	Corrective Action Completed		June 2021	ASAP	April 2021
MACHECHE CT	Tank No. 140	Corrosion on tank wall	Remove rust and repaint				ASAP	January 2021
	Foundation Tank Metal Foundation	Rust buildup on foundation (several locations)	Remove rust, repaint				ASAP	January 2021
YIGO CT		NO CORRECTIVE ACTION		Latin				
MANENGGON DIESEL	Tank No. 1 Shell	Corroded tank shell	Chip corrosion and recoat				ASAP	May 2021
	Secondary Containment	Vegetation growing in sec. cont.	Remove vegetation				ASAP	June 2021
	Secondary Containment	Water accumulation	Drain water and regularly monitor during rainy season				ASAP	May 2021
TALOFOFO DIESEL		NO CORRECTIVE ACTION						

## Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT  
MONTH OF JUNE 2021

LEGEND OF TRACKING

Notification Date

Completed

Within Scheduled Remediation

Deadline is Past Due

POWER PLANT

LOCATIONS	FINDINGS		RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
TENJO DIESEL	Tank No. 2	NO CORRECTIVE ACTION						
YIGO DIESEL	Generator #20 & #26	Contaminated soil from oil leak found on ground outside of generator	Clean up and properly dispose of contaminated soil				ASAP	May 2021
	Generator #26	Contaminated soil from oil leak found on ground outside of generator	Conduct cleanup and properly dispose of contaminated soil				ASAP	June 2021
	Oil Drums	Insufficient secondary containment	Install sufficient secondary containment	Corrective Action Completed		June 2021	ASAP	May 2021
PITI #7 POWER PLANT	Main Fuel Tank	No integrity testing	Integrity testing is required				ASAP	January 2018
	Facility Structure	Improper storage of drum full of contaminated soil from spill	Properly dispose of drum				ASAP	January 2021
	Main Fuel Tank	Portion of pipeline on pipe support is corroded	Chip corrosion and repair				ASAP	May 2021

---

# **CFO**

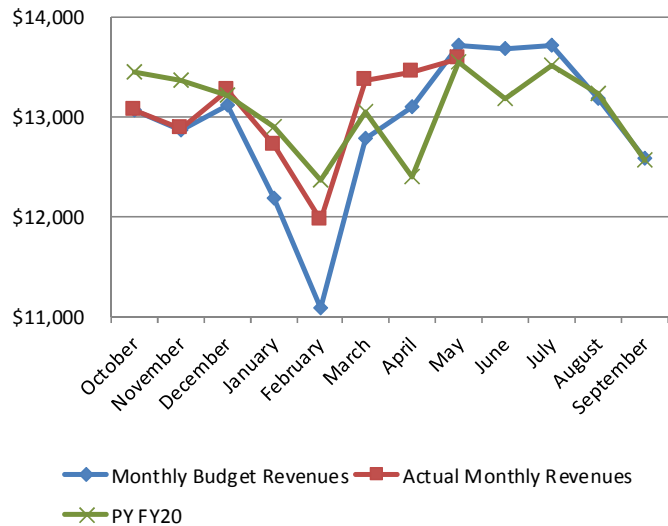
# **FINANCIAL HIGHLIGHTS**

## **May 2021**



# May 2021 Monthly Financial Highlights

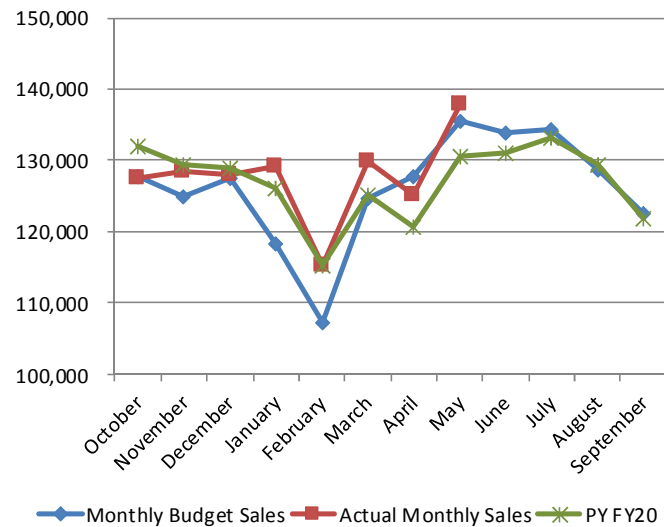
Base Rate Revenue \$000



Through May 31, 2021

	Monthly Budget \$000 Revenues	Actual Monthly Revenues	Variance		PY FY20	CY vs PY Variance	
October	\$ 13,064	13,053	\$ (11)	↓	\$ 13,440	\$ (386)	↓
November	12,857	12,869	\$ 12	↑	13,358	\$ (489)	↓
December	13,106	13,254	\$ 148	↑	13,216	\$ 38	↑
January	12,174	12,712	\$ 538	↑	12,888	\$ (176)	↓
February	11,078	11,954	\$ 876	↑	12,357	\$ (403)	↓
March	12,780	13,357	\$ 577	↑	13,039	\$ 318	↑
April	13,085	13,444	\$ 359	↑	12,385	\$ 1,059	↑
May	13,712	13,574	\$ (139)	↓	13,550	\$ 24	↑
June	13,682				13,176		
July	13,708				13,514		
August	13,180				13,220		
September	12,574				12,567		
<b>Total</b>	<b>\$ 155,000</b>	<b>\$ 104,217</b>	<b>\$ 2,361</b>		<b>\$ 156,709</b>	<b>\$ (16)</b>	

MWh Sales



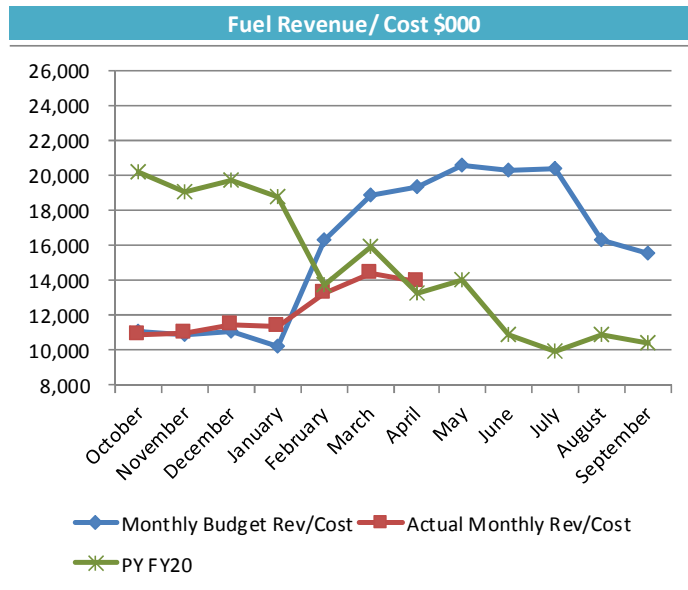
Through May 31, 2021

	Monthly Budget mwh Sales	Actual Monthly Sales	Variance		PY FY20	CY vs PY Variance	
October	127,852	127,515	(337)	↓	131,953	(4,438)	↓
November	125,004	128,440	3,437	↑	129,421	(981)	↓
December	127,563	128,053	489	↑	128,958	(905)	↓
January	118,299	129,208	10,909	↑	126,130	3,078	↑
February	107,268	115,199	7,930	↑	115,346	(147)	↓
March	124,649	129,958	5,309	↑	125,185	4,773	↑
April	127,762	125,268	(2,494)	↓	120,688	4,580	↑
May	135,527	137,960	2,433	↑	130,531	7,430	↑
June	133,849				130,987		
July	134,332				133,116		
August	128,752				129,337		
September	122,569				121,927		
<b>Total</b>	<b>1,513,426</b>	<b>1,021,601</b>	<b>27,677</b>		<b>1,523,579</b>	<b>13,389</b>	



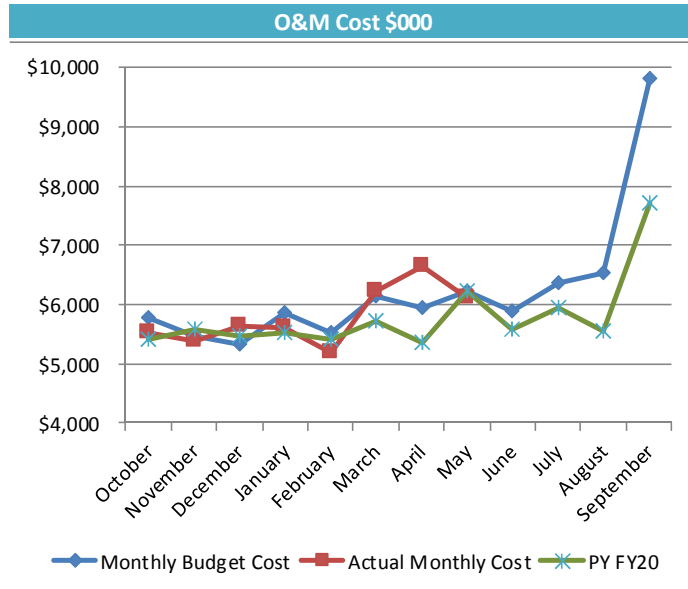
# May 2021 Monthly Financial Highlights (Continued)

3



**Through May 31, 2021**

	Monthly Budget \$000	Actual Monthly Rev/Cost	Variance		PY FY20	CY vs PY Variance	
October	11,098	10,910	\$ (187)	↓	\$ 20,165	\$ (9,255)	↓
November	10,850	10,984	\$ 134	↑	19,088	\$ (8,104)	↓
December	11,072	11,435	\$ 362	↑	19,697	\$ (8,262)	↓
January	10,268	11,335	\$ 1,067	↑	18,820	\$ (7,485)	↓
February	16,274	13,241	(3,033)	↓	13,701	(460)	↓
March	18,911	14,442	(4,469)	↓	15,968	(1,526)	↓
April	19,383	13,932	(5,451)	↓	13,254	678	↑
May	20,561				14,001		
June	20,307				10,867		
July	20,380				9,935		
August	16,352				10,925		
September	15,566				10,438		
<b>Total</b>	<b>\$ 191,023</b>	<b>\$ 86,279</b>	<b>\$ (11,578)</b>		<b>\$ 176,860</b>	<b>\$ (34,414)</b>	



**Through May 31, 2021**

	Monthly Budget \$000	Actual Monthly Cost	Variance		PY FY20	CY vs PY Variance	
October	\$ 5,790	5,515	275	↑	5,421	(94)	↓
November	5,469	5,389	80	↑	5,572	184	↑
December	5,334	5,645	(311)	↓	5,460	(185)	↓
January	5,857	5,620	237	↑	5,521	(99)	↓
February	5,530	5,193	337	↑	5,417	224	↑
March	6,143	6,231	(88)	↓	5,723	(508)	↓
April	5,956	6,634	(679)	↓	5,357	(1,277)	↓
May	6,211	6,106	104	↑	6,215	109	↑
June	5,889				5,578		
July	6,363				5,957		
August	6,543				5,539		
September	9,806				7,700		
<b>Total</b>	<b>\$ 74,892</b>	<b>\$ 46,334</b>	<b>\$ (44)</b>		<b>\$ 69,461</b>	<b>\$ (1,646)</b>	



# May 2021 Monthly Financial Highlights (Continued)

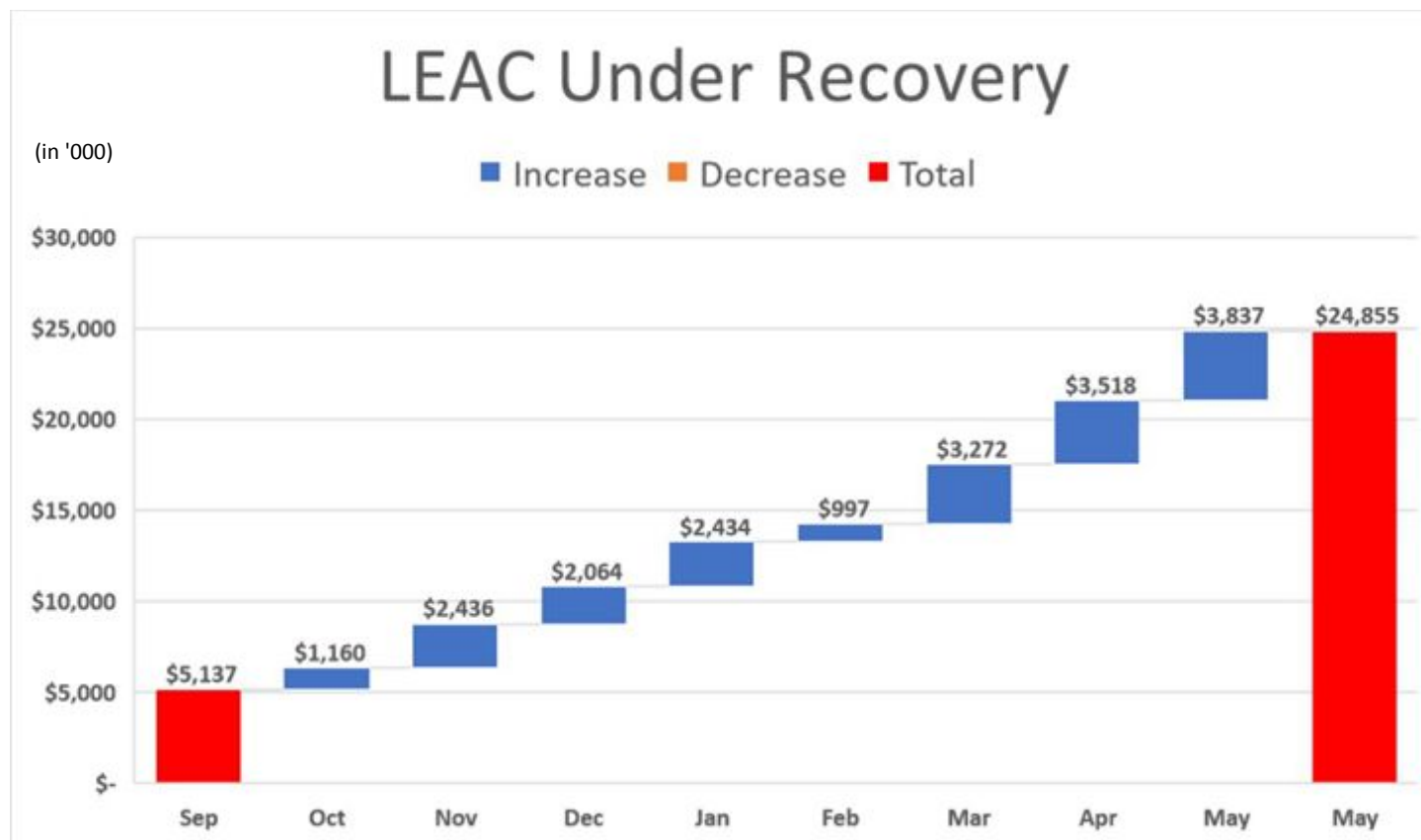
4

Through May 31, 2021											
	1Q2019	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021
Residential	43,920	44,144	44,329	44,479	44,203	44,509	45,069	44,191	44,503	44,575	44,560
Commercial	5,273	5,291	5,303	5,289	5,154	5,352	5,309	5,366	5,301	5,307	5,320
Government	1,090	1,074	1,075	1,070	1,072	1,059	1,061	1,081	1,063	1,060	1,051
Streetlights	1,151	1,152	1,138	1,138	1,135	1,128	1,139	1,132	1,133	1,132	1,132
Navy	1	1	1	1	1	1	1	1	1	1	1
Total	51,435	51,662	51,846	51,977	51,565	52,049	52,579	51,771	52,001	52,075	52,064

Debt service coverage (DSC) calculation-indenture	2015	2016	2017	2018	2019	2020	2021
Senior lien coverage	3.62	3.28	2.65	2.53	1.97	1.67	1.68
Aggregate debt service coverage	2.62	3.28	2.65	2.53	1.97	1.67	1.68
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	2.56	2.45	1.79	1.65	1.64	1.48	1.61
Aggregate debt service coverage	1.85	2.45	1.79	1.65	1.64	1.48	1.61

# May 2021 Monthly Financial Highlights (Continued)

5



	2020			2021				
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
(in '000)								
Opening Recovery Balance	\$ 5,137	\$ 6,297	\$ 8,733	\$ 10,797	\$ 13,231	\$ 14,228	\$ 17,500	\$ 21,018
Under/(Over)	<u>1,160</u>	<u>2,436</u>	<u>2,064</u>	<u>2,434</u>	<u>997</u>	<u>3,272</u>	<u>3,518</u>	<u>3,837</u>
Closing Recovery Balance	\$ 6,297	\$ 8,733	\$ 10,797	\$ 13,231	\$ 14,228	\$ 17,500	\$ 21,018	\$ 24,855



# May 2021 Monthly Financial Highlights (Continued)

6

Date	# Prepaid Customers	Balance in arrear	Payment Plan	Total
July 31, 2020	951	\$ 579,651	\$ 98,276	\$ 677,927
Aug .31, 2020	955	\$ 133,710	\$ 565,383	\$ 699,093
Sept. 30, 2020	996	\$ 360,861	\$ 546,949	\$ 907,810
Oct. 31, 2020	1000	\$ 534,346	\$ 544,028	\$ 1,078,374
Nov. 30, 2020	988	\$ 688,253	\$ 527,062	\$ 1,215,315
Dec. 31, 2020	1002	\$ 802,879	\$ 514,058	\$ 1,316,937
Feb. 1, 2021	976	\$ 820,310	\$ 483,191	\$ 1,303,501
Mar. 31, 2021	970	\$ 328,729	\$ 1,057,390	\$ 1,386,119
Apr. 30, 2021	980	\$ 496,710	\$ 963,759	\$ 1,460,469
May 28, 2021	997	\$ 599,988	\$ 884,797	\$ 1,484,785
Jun. 30, 2021	333	\$ 30,435	\$ 493,086	\$ 523,521





## GUAM POWER AUTHORITY

ATURIDAT ILEKTRESEDAT GUAHAN  
P O BOX 2977, AGANA, GUAM 96932-2977  
Telephone: (671) 648-3066 Fax: (671) 648-3168

### GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW May 2021

Attached are the financial statements and supporting schedules for the month and fiscal year ended May 31, 2021.

#### Summary

The increase in net assets for the month ended was \$1.8 million as compared to the anticipated net increase of \$909 thousand projected at the beginning of the year. The total kWh sales for the month were 1.80% more than projected and non-fuel revenues were \$139 thousand less than the estimated amounts. O & M expenses for the month were \$6.1 million which was \$104 thousand under our projections for this year. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$2.9 million, which was \$0.3 million less than projected amounts. There were no other significant departures from the budget during the period.

#### Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	3.11	2.92	2
Days in Receivables	55	51	52
Days in Payables	21	22	30
LEAC (Over)/Under Recovery Balance -YTD	\$21,017,719	\$24,855,002	\$23,167,403
T&D Losses	5.91%	5.78%	<7.00%
Debt Service Coverage	1.59	1.61	1.75
Long-term equity ratio	2.27%	2.62%	30 – 40%
Days in Cash	282	186	60

The Quick Ratio has been a challenge for GPA historically. However, the influx of cash from insurance proceeds continues to improve this ratio. GPA has current obligations of approximately \$55 million and approximately \$161 million in cash and current receivables. The LEAC under-recovery for the month was \$3.8 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

**Financial Statements  
May 2021**

---

**Significant Assumptions**

The significant assumptions in the financial statements are as follows:

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

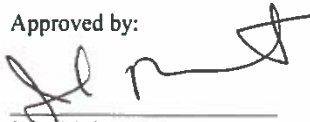
Prepared by:

  
\_\_\_\_\_  
Lenora M. Sanz  
Controller

Reviewed by:

  
\_\_\_\_\_  
John J.E. Kim  
Chief Financial Officer

Approved by:

  
\_\_\_\_\_  
John M. Benavente, P.E.  
General Manager

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Net Position</b> <b>May 31, 2021 and September 30, 2020</b>			
	Unaudited May 2021	Audited September 2020	Change from Sept 30 2020
<b>ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 23,107,720	\$ 38,059,527	\$ (14,951,807)
Bond indenture funds	12,215,110	22,590,787	(10,375,677)
Held by Guam Power Authority:			
Bond indenture funds	118,711,008	175,309,549	(56,598,541)
Self insurance fund-restricted	19,474,008	19,469,799	4,209
Energy sense fund	1,076,712	261,171	815,541
Total cash and cash equivalents	174,584,558	255,690,833	(81,106,275)
Accounts receivable, net	42,040,887	35,411,897	6,628,990
Total current receivables	42,040,887	35,411,897	6,628,990
Materials and supplies inventory	13,313,225	14,501,590	(1,188,365)
Fuel inventory	46,212,304	32,346,582	13,865,722
Prepaid expenses	7,199,396	1,876,268	5,323,128
Total current assets	283,350,370	339,827,170	(56,476,800)
Utility plant, at cost:			
Electric plant in service	1,137,430,697	1,097,908,313	39,522,384
Construction work in progress	31,873,964	49,045,858	(17,171,894)
Total	1,169,304,661	1,146,954,171	22,350,490
Less: Accumulated depreciation	(693,137,852)	(668,810,885)	(24,326,967)
Total utility plant	476,166,809	478,143,286	(1,976,477)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,497,238	48,532,630	(35,392)
Unamortized debt issuance costs	1,773,920	1,952,816	(178,896)
Total other non-current assets	50,271,158	50,485,446	(214,288)
Total assets	809,788,337	868,455,902	(58,667,565)
Deferred outflow of resources:			
Deferred fuel revenue	24,855,002	5,137,018	19,717,984
Unamortized loss on debt refunding	20,932,504	22,452,744	(1,520,240)
Pension	17,005,307	17,005,307	0
Other post employment benefits	44,664,204	44,664,204	0
Unamortized forward delivery contract costs	53,038	159,278	(106,240)
Total deferred outflows of resources	107,510,055	89,418,551	18,091,504
	<u>\$ 917,298,392</u>	<u>\$ 957,874,453</u>	<u>\$ (40,576,061)</u>

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statement of Net Position, Continued</b> <b>May 31, 2021 and September 30, 2020</b>			
	Unaudited May 2021	Audited September 2020	Change from Sept 30 2020
<b>LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION</b>			
Current liabilities:			
Current maturities of long-term debt	\$ 21,540,000	\$ 20,515,000	\$ 1,025,000
Current obligations under capital leases	(1)	2,226,222	(2,226,223)
Accounts payable			
Operations	10,759,679	28,907,900	(18,148,221)
Others	4,554,713	940,852	3,613,860
Accrued payroll and employees' benefits	1,004,485	2,464,369	(1,459,884)
Current portion of employees' annual leave	3,205,223	2,558,877	646,346
Interest payable	5,194,325	14,417,948	(9,223,623)
Customer deposits	8,956,700	8,729,186	227,514
<b>Total current liabilities</b>	<b>55,215,124</b>	<b>80,760,354</b>	<b>(25,545,230)</b>
Regulatory liabilities:			
Provision for self insurance	19,345,291	19,345,291	0
<b>Total regulatory liabilities</b>	<b>19,345,291</b>	<b>19,345,291</b>	<b>0</b>
Long term debt, net of current maturities	536,539,990	560,599,190	(24,059,200)
Obligations under capital leases, net of current portion	0	0	0
Net Pension liability	86,823,184	89,220,086	(2,396,902)
Other post employment benefits liability	161,936,073	161,936,073	0
DCRS sick leave liability	1,502,154	1,502,154	0
Employees' annual leave net of current portion	1,204,085	1,204,085	0
Customer advances for construction	466,590	425,814	40,776
<b>Total liabilities</b>	<b>863,032,491</b>	<b>914,993,047</b>	<b>(51,960,556)</b>
Deferred inflows of resources:			
Unearned forward delivery contract revenue	292,009	584,018	(292,009)
Pension	1,663,500	1,663,500	0
Other post employment benefits	39,067,668	39,067,667	1
<b>Total deferred inflows of resources</b>	<b>41,023,177</b>	<b>41,315,185</b>	<b>(292,008)</b>
Commitments and contingencies			
Net Position:			
Net investment in capital assets	(21,667,422)	(34,499,523)	12,832,101
Restricted	30,856,024	57,080,028	(26,224,004)
Unrestricted	4,054,121	(21,014,285)	25,068,406
<b>Total net position</b>	<b>13,242,723</b>	<b>1,566,221</b>	<b>11,676,504</b>
	<b>\$ 917,298,392</b>	<b>\$ 957,874,453</b>	<b>\$ (40,576,061)</b>

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statement of Revenues, Expenses and Changes in Net Assets</b>						
	May 31			Eight Months Ended May 31		
	Unaudited 2021	Audited 2020	% of change Inc (dec)	Unaudited 2021	Audited 2020	% of change Inc (dec)
Revenues						
Sales of electricity	\$ 29,120,903	\$ 27,551,306	6	\$ 206,043,232	\$238,926,091	(14)
DSM-Rebates	333,126	-	-	2,515,634	-	0
Miscellaneous	232,774	51,494	352	1,336,148	1,299,531	3
Total	29,686,803	27,602,800	8	209,895,014	240,225,622	(13)
Bad debt expense	(87,083)	(90,917)	(4)	(696,664)	(727,336)	(4)
Total revenues	29,599,720	27,511,883	8	209,198,350	239,498,286	(13)
Operating and maintenance expenses						
Production fuel	15,547,197	14,001,480	11	101,826,262	134,694,859	(24)
Other production	1,923,083	1,944,817	(1)	11,510,846	11,826,947	(3)
	17,470,280	15,946,297	10	113,337,108	146,521,806	(23)
Depreciation	3,218,128	3,208,916	0	25,803,789	25,057,945	3
Energy conversion cost	847,591	1,047,243	(19)	7,924,206	8,564,791	(7)
Transmission & distribution	1,115,636	1,198,240	(7)	9,209,538	8,420,111	9
Customer accounting	587,302	410,410	43	3,957,899	3,322,926	19
Administrative & general	2,480,098	2,574,084	(4)	21,655,454	20,390,100	6
Total operating and maintenance expenses	25,719,035	24,385,190	5	181,887,994	212,277,679	(14)
Operating income	3,880,685	3,126,693	24	27,310,356	27,220,607	0
Other income (expenses)						
Interest income	1,318	76,200	(98)	751,685	2,274,653	(67)
Interest expense and amortization	(2,182,980)	(2,298,642)	(5)	(17,509,419)	(18,500,374)	(5)
Bond issuance costs	89,228	89,228	0	713,824	713,824	0
Allowance for funds used during construction	74,985	0	0	688,360	0	0
Pandemic-COVID19	(60,556)	0	0	(192,589)	(805,402)	0
Losses due to typhoon	(8,862)	0	0	(51,375)	(168,101)	0
Other expense	(4,295)	(4,291)	0	(34,339)	(34,328)	0
Total other income (expenses)	(2,091,162)	(2,137,505)	(2)	(15,633,853)	(16,519,728)	(5)
Income (loss) before capital contributions	1,789,523	989,188	81	11,676,503	10,700,879	9
Capital contributions	0	0	0	0	0	0
Increase (decrease) in net assets	1,789,523	989,188	81	11,676,503	10,700,879	9
Total net assets at beginning of period	11,453,201	12,853,286	(11)	1,566,221	3,141,595	(50)
Total net assets at end of period	\$ 13,242,724	\$ 13,842,474	(4)	\$ 13,242,724	\$ 13,842,474	(4)

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Cash Flows</b> <b>Period Ended May 31, 2021</b>		
	Month Ended 5/31/2021	YTD Ended 5/31/2021
<b>Increase(decrease) in cash and cash equivalents</b>		
Cash flows from operating activities:		
Cash received from customers	\$ 30,579,610	\$ 202,554,500
Cash payments to suppliers and employees for goods and services	31,102,221	209,442,618
Net cash provided by operating activities	(522,611)	(6,888,117)
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	1,318	751,685
Net cash provided by investing activities	1,318	751,685
Cash flows from non-capital financing activities		
Interest paid on short term debt	(73,258)	(667,199)
Provision for self insurance funds	-	(4,209)
Net cash provided by noncapital financing activities	(73,258)	(671,408)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,474,111)	(23,827,312)
Principal paid on bonds and other long-term debt	-	(20,515,000)
Interest paid on bonds(net of capitalized interest)	74,985	(26,020,265)
Interest paid on capital lease obligations	-	(45,578)
Interest & principal funds held by trustee	(3,977,989)	14,951,807
Reserve funds held by trustee	(4,684)	35,392
Bond funds held by trustee	7,598,199	10,375,677
Principal payment on capital lease obligations	-	(2,226,223)
Grant from DOI/FEMA	-	-
Debt issuance costs/loss on defeasance	(314,900)	(2,519,200)
Net cash provided by (used in) capital and related financing activities	1,901,500	(49,790,702)
Net (decrease) increase in cash and cash equivalents	1,306,949	(56,598,542)
Cash and cash equivalents, beginning	117,404,058	175,309,549
Cash and cash equivalents-Funds held by GPA, May 31, 2021	\$ 118,711,007	\$ 118,711,007

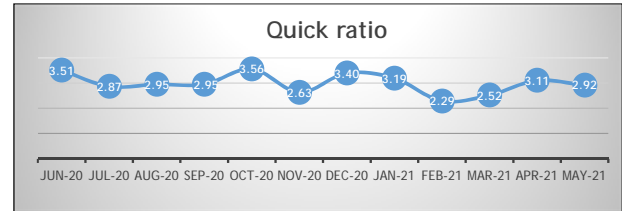
<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Cash Flows, continued</b> <b>Period Ended May 31, 2021</b>		
	Month Ended 5/31/2021	YTD Ended 5/31/2021
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	\$ 3,880,685	\$ 27,310,356
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	3,218,128	25,803,789
Other expense	90,500	1,123,881
(Increase) decrease in assets:		
Accounts receivable	1,032,116	(6,628,990)
Materials and inventory	41,029	1,188,365
Fuel inventory	(6,225,730)	(13,865,722)
Prepaid expenses	568,454	(5,323,128)
Unamortized debt issuance cost	22,362	178,896
Deferred fuel revenue	(3,837,283)	(19,717,984)
Unamortized loss on debt refunding	190,030	1,520,240
Unamortized forward delivery contract costs	13,280	106,240
Increase (decrease) in liabilities:		
Accounts payable-operations	(3,501,246)	(18,148,221)
Accounts payable-others	4,007,215	2,798,319
Accrued payroll and employees' benefits	148,971	(1,459,884)
Net pension liability	(366,101)	(2,396,902)
Employees' annual leave	13,152	646,346
Customers deposits	152,795	227,514
Customer advances for construction	29,031	40,776
Unearned forward delivery contract revenue	-	(292,009)
<b>Net cash provided by operating activities</b>	<b>\$ (522,611)</b>	<b>\$ (6,888,117)</b>



Guam Power Authority  
Financial Analysis  
05/31/21

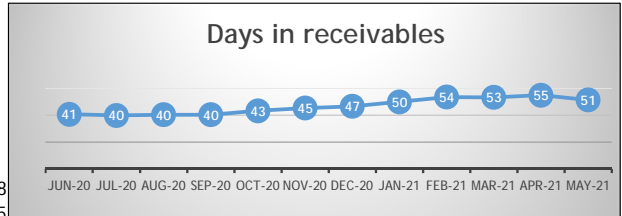
Quick Ratio

A	Reserve Funds Held by GPA	118,711,008
B	Current Accounts Receivable	42,414,366
C	Total Cash and A/R (A+B)	161,125,374
D	Total Current Liabilities	55,215,124
E	Quick Ratio (F/G)	2.92



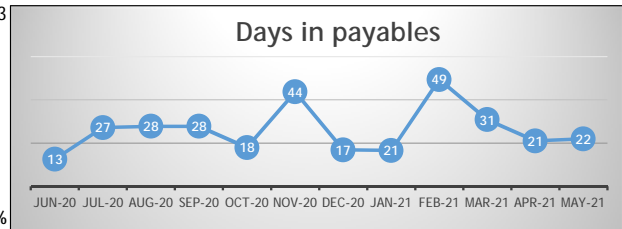
Days in Receivables

A	FY 21 Moving 12 Mos. -Actual	300,684,264
B	No. of Days	365
C	Average Revenues per day (A/B)	823,793
D	Current Accounts Receivable	42,414,366
E	Days in Receivables (D/C)	51



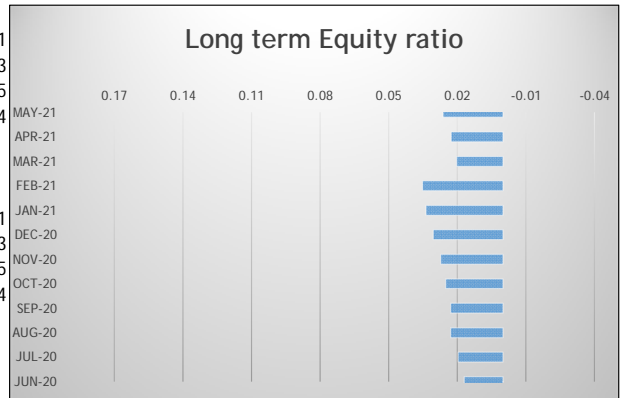
Days in Payables

A	FY 21 Moving 12 Months-Actual	254,555,508
B	No. of Days	365
C	Average Payables per day (A/B)	697,412
D	Current Accounts Payables	15,314,393
E	Days in Payables (D/C)	22



Long term equity ratio

A	Equity	\$ 13,242,723.00
B	Total Long term Liability	\$ 491,669,356.00
C	Total Equity and liability	\$ 504,912,079.00
D	Long term equity ratio (A/C)	2.62%

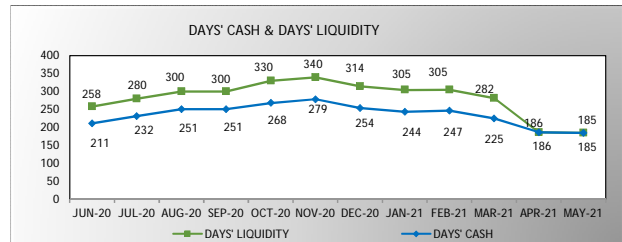


Days cash on hand

A	Unrestricted cash & cash equivalents	118,711
B	No. of Days -YTD	243
C	A x B	28,846,775
D	Total Operating expenses excluding depreciation	156,084
E	Days cash on hand	185

Days' Liquidity

A	Unrestricted cash , cash equivalents & revolving Credit	118,711
B	No. of Days -YTD	243
C	A x B	28,846,775
D	Total Operating expenses excluding depreciation	156,084
E	Days liquidity	185



**GUAM POWER AUTHORITY  
ACCRUED REVENUE  
MAY 2021**

	FOR THE MONTH ENDED MAY		EIGHT MONTHS ENDED MAY	
	2021	2020	2021	2020
<b>KWH SALES:</b>				
Residential	52,850,154	50,104,381	382,239,222	338,247,518
Residential - Apt & Condo	556,219	-	556,219	-
Small Gen. Non Demand	7,276,536	4,878,549	47,775,477	40,321,012
Small Gen. Demand	16,369,442	14,574,000	124,597,966	122,056,517
Large General	18,958,969	19,502,429	146,031,830	181,480,393
Independent Power Producer	21,893	37,503	299,585	262,493
Private St. Lights	31,625	31,190	261,201	261,844
Sub-total	96,064,839	89,128,052	701,761,499	682,629,778
<b>Government Service:</b>				
Small Non Demand	1,021,708	667,053	6,819,855	5,557,148
Small Demand	9,426,469	8,146,861	66,382,945	66,581,726
Large	4,307,222	5,002,187	37,238,142	44,785,088
Street Lighting	576,932	557,564	4,692,450	4,713,096
Sub-total	15,332,331	14,373,665	115,133,391	121,637,058
Total	111,397,170	103,501,717	816,894,890	804,266,836
U. S. Navy	26,562,916	27,028,828	204,706,199	203,945,392
<b>GRAND TOTAL</b>	<b>137,960,086</b>	<b>130,530,545</b>	<b>1,021,601,089</b>	<b>1,008,212,229</b>
<b>REVENUE:</b>				
Residential	10,560,583	10,292,144	74,065,085	77,930,164
Residential - Apt & Condo	107,432	-	107,432	-
Small Gen. Non Demand	1,784,142	1,268,804	11,408,872	11,375,125
Small Gen. Demand	3,588,205	3,427,018	26,493,742	31,725,731
Large General	4,008,672	4,394,446	29,576,183	44,797,061
Independent Power Producer	5,021	9,424	57,892	67,567
Private St. Lights	23,633	23,692	189,708	200,301
Sub-total	20,077,688	19,415,530	141,898,913	166,095,949
<b>Government Service:</b>				
Small Non Demand	268,911	184,693	1,751,595	1,692,837
Small Demand	2,233,484	2,004,367	15,192,225	18,189,742
Large	953,007	1,214,020	8,088,139	11,923,911
Street Lighting	403,719	402,336	3,186,732	3,393,267
Sub-total	3,859,122	3,805,415	28,218,692	35,199,757
Total	23,936,810	23,220,945	170,117,605	201,295,706
U. S. Navy	5,184,093	4,330,362	35,925,628	37,630,385
<b>GRAND TOTAL</b>	<b>29,120,903</b>	<b>27,551,306</b>	<b>206,043,233</b>	<b>238,926,091</b>
<b>NUMBER OF CUSTOMERS:</b>				
Residential	44,555	43,948	44,501	44,382
Residential - Apt & Condo	5	-	5	-
Small Gen. Non Demand	4,491	4,255	4,399	4,143
Small Gen. Demand	741	946	813	1,043
Large General	86	120	95	120
Independent Power Producer	2	2	2	2
Private St. Lights	514	512	516	513
Sub-total	50,394	49,783	50,330	50,203
<b>Government Service:</b>				
Small Non Demand	687	634	683	641
Small Demand	344	385	354	384
Large	20	45	32	44
Street Lighting	618	616	618	617
Sub-total	1,669	1,680	1,687	1,686
Total	52,063	51,463	52,017	51,889
US Navy	1	1	1	1
	52,064	51,464	52,018	51,890

GPA Work Session - July 22, 2021 - DIVISION REPORTS

GPA403	GUAM POWER AUTHORITY ACCRUED REVENUE												
	TWELVE MONTHS ENDING	MAY 2021	APRIL 2021	MARCH 2021	FEBRUARY 2021	JANUARY 2021	DECEMBER 2020	NOVEMBER 2020	OCTOBER 2020	SEPTEMBER 2020	AUGUST 2020	JULY 2020	JUNE 2020
<b>KWH SALES:</b>													
Residential	576,230,284	52,850,154	46,568,762	48,771,669	42,297,847	49,701,539	47,107,600	47,924,589	47,017,061	46,940,702	48,488,288	49,363,562	49,198,510
Residential - Apt & Condo	556,219	556,219											
Small General Non Demand	68,722,690	7,276,536	6,491,718	6,181,821	5,320,594	5,647,220	5,645,321	5,490,013	5,722,253	5,245,960	5,102,926	5,435,917	5,162,411
Small General Demand	183,556,519	16,369,442	16,491,201	15,846,106	14,414,603	14,940,853	15,604,863	15,180,559	15,750,339	14,377,515	14,642,313	15,197,638	14,741,087
Large General	224,057,747	18,958,969	17,748,417	18,590,234	16,494,154	17,811,468	19,116,309	18,776,244	18,536,035	17,253,957	20,245,005	20,805,621	19,721,335
Private Outdoor Lighting	396,236	31,625	34,507	30,651	31,009	34,202	31,775	33,159	34,273	34,037	33,040	33,276	34,682
Independent Power Producer	421,964	21,893	34,625	31,495	33,249	35,152	35,155	74,692	33,326	32,898	31,941	29,903	27,636
Sub-Total	1,053,941,660	96,064,839	87,369,230	89,451,976	78,591,456	88,170,433	87,541,022	87,479,256	87,093,287	83,885,069	88,543,514	90,865,918	88,885,660
Government Service:													
Small Non Demand	9,635,854	1,021,708	968,685	887,301	735,075	798,105	796,758	785,007	827,215	696,811	712,443	718,063	688,682
Small Demand	98,380,195	9,426,469	9,008,025	8,477,141	7,585,311	8,032,905	8,233,899	7,754,428	7,864,767	7,685,747	8,089,781	8,245,957	7,975,765
Large	57,694,061	4,307,222	4,168,906	4,895,498	4,438,169	4,651,006	4,769,294	4,826,626	5,181,422	5,039,602	5,187,440	5,281,556	4,947,321
Street Lighting (Agencies)	7,022,299	576,932	634,691	538,470	557,701	557,750	634,577	557,701	634,626	562,996	571,642	617,089	578,122
Sub-Total	172,732,408	15,332,331	14,780,307	14,798,411	13,316,257	14,039,765	14,434,528	13,923,762	14,508,029	13,985,156	14,561,306	14,862,665	14,189,891
Total	1,226,674,068	111,397,170	102,149,537	104,250,386	91,907,713	102,210,199	101,975,550	101,403,018	101,601,316	97,870,225	103,104,820	105,728,582	103,075,551
U.S. Navy	310,112,988	26,562,916	23,118,519	25,707,988	23,290,980	26,998,129	26,077,078	27,037,233	25,913,357	23,875,625	26,232,462	27,387,340	27,911,363
Grand Total	1,536,787,056	137,960,086	125,268,057	129,958,374	115,198,693	129,208,328	128,052,627	128,440,251	127,514,673	121,745,850	129,337,281	133,115,922	130,986,913
<b>REVENUE:</b>													
Residential	108,118,958	10,560,583	10,189,207	9,990,684	9,140,772	8,731,054	8,451,276	8,561,989	8,439,520	8,393,434	8,672,639	8,773,199	8,214,601
Residential - Apt & Condo	107,432	107,432											
Small General Non Demand	16,114,049	1,784,142	1,588,001	1,543,103	1,416,678	1,246,825	1,281,222	1,242,336	1,306,566	1,201,673	1,160,148	1,239,063	1,104,294
Small General Demand	38,297,389	3,588,205	3,588,041	3,562,230	3,397,314	3,009,490	3,144,237	3,031,479	3,172,745	2,879,655	2,971,923	3,105,577	2,846,493
Large General	44,728,818	4,008,672	3,729,564	3,990,698	3,657,630	3,446,715	3,673,430	3,471,360	3,598,095	3,378,106	3,949,820	4,065,239	3,759,470
Private Outdoor Lighting	284,659	23,633	25,401	23,391	23,165	23,434	22,998	23,400	24,287	23,624	23,615	23,702	24,011
Independent Power Producer	82,260	5,021	7,140	8,082	7,203	8,477	6,783	8,640	6,546	6,321	6,753	5,748	5,546
Sub-Total	207,733,566	20,077,688	19,127,353	19,118,189	17,642,760	16,465,995	16,579,946	16,339,223	16,547,758	15,882,813	16,784,897	17,212,527	15,954,415
Government Service:													
Small Non Demand	2,449,662	268,911	254,670	237,132	200,646	197,714	196,477	192,813	203,232	173,827	176,557	177,715	169,968
Small Demand	22,166,732	2,233,484	2,123,880	2,033,824	1,851,945	1,761,409	1,777,805	1,687,099	1,722,780	1,682,505	1,764,894	1,794,264	1,732,843
Large	12,434,422	953,007	918,136	1,123,487	1,035,369	971,980	982,731	1,003,746	1,099,683	1,071,629	1,101,797	1,116,547	1,056,309
Street Lighting (Agencies)	4,753,113	403,719	412,948	397,593	400,655	387,724	398,184	387,718	398,191	388,439	389,613	396,843	391,487
Sub-Total	41,803,929	3,859,122	3,709,634	3,792,036	3,488,615	3,318,827	3,355,197	3,271,376	3,423,885	3,316,400	3,432,861	3,485,369	3,350,607
Total	249,537,494	23,936,810	22,836,987	22,910,225	21,131,376	19,784,822	19,935,143	19,610,598	19,971,643	19,199,213	20,217,758	20,697,896	19,305,022
U.S. Navy	51,146,770	5,184,093	4,539,687	4,888,565	4,063,178	4,262,178	4,753,332	4,242,586	3,992,010	3,805,204	3,926,923	2,750,547	4,738,469
Grand Total	300,684,264	29,120,903	27,376,674	27,798,789	25,194,553	24,047,000	24,688,476	23,853,184	23,963,653	23,004,417	24,144,681	23,448,443	24,043,491
<b>NUMBER OF CUSTOMERS:</b>													
Residential	44,499	44,555	44,502	44,575	45,051	44,503	44,345	44,271	44,202	44,191	44,854	44,773	44,166
Residential - Apt & Condo	5	5											
Small General Non Demand	4,362	4,491	4,433	4,386	4,367	4,381	4,378	4,380	4,376	4,364	4,289	4,252	4,246
Small General Demand	850	741	834	824	820	821	821	823	820	880	929	940	942
Large General	103	86	95	95	95	97	97	97	94	120	120	120	119
Private Outdoor Lighting	517	514	517	514	517	515	517	517	517	520	515	521	522
Independent Power Producer	2	2	2	2	2	2	2	2	2	2	2	2	2
Sub-Total	50,338	50,394	50,383	50,396	50,852	50,319	50,160	50,090	50,011	50,077	50,709	50,608	49,997
Government Service:													
Small Non Demand	668	687	692	679	675	682	685	684	678	653	635	635	633
Small Demand	364	344	360	350	350	350	349	355	373	386	386	385	384
Large	36	20	31	31	31	31	34	40	41	42	43	43	44
Street Lighting (Agencies)	618	618	619	618	618	618	618	618	618	618	618	618	617
Sub-Total	1,686	1,669	1,702	1,678	1,674	1,681	1,686	1,697	1,710	1,699	1,682	1,681	1,678
Total	52,024	52,063	52,085	52,074	52,526	52,000	51,846	51,787	51,721	51,776	52,391	52,289	51,675
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	52,025	52,064	52,086	52,075	52,527	52,001	51,847	51,788	51,722	51,777	52,392	52,290	51,676

GPA Work Session - July 22, 2021 - DIVISION REPORTS

GPA303

GUAM POWER AUTHORITY  
ACCURED REVENUE  
MAY 2021

RATE	0.110000
DSM	0.003109
NET	0.106891

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE BASE RATE PER CUSTOMER		NON-FUEL		OIL	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
<b>Month</b>									0.106891			
R Residential	44,555	52,850,154	\$ 10,560,583	\$ 19.9821	\$ 19.98212	\$ 10,560,583	1,186	\$ 237.02	\$ 9.2930	\$ 4,911,378	\$ 10.6891	\$ 5,649,206
D Residential - Apt & Condo	5	556,219	\$ 107,432	\$ 19.3147	\$ 19.31470	\$ 107,432	111,244	\$ 21,486.41	\$ 8.6256	\$ 47,977	\$ 10.6891	\$ 59,455
G Small Gen. Non Demand	4,491	7,276,536	\$ 1,784,142	\$ 24.5191	\$ 24.51911	\$ 1,784,142	1,620	\$ 397.27	\$ 13.8300	\$ 1,006,346	\$ 10.6891	\$ 777,796
J Small Gen. Demand	741	16,369,442	\$ 3,588,205	\$ 21.9201	\$ 21.92014	\$ 3,588,205	22,091	\$ 4,842.38	\$ 11.2352	\$ 1,839,139	\$ 10.6849	\$ 1,749,066
P Large General	86	18,958,969	\$ 4,008,672	\$ 21.1439	\$ 21.14394	\$ 4,008,672	220,453	\$ 46,612.47	\$ 10.5083	\$ 1,992,258	\$ 10.6357	\$ 2,016,415
I Independent Power Producer	2	21,893	\$ 5,021	\$ 22.9342	\$ 22.93418	\$ 5,021	10,947	\$ 2,510.52	\$ 12.6026	\$ 2,759	\$ 10.3316	\$ 2,262
H Private St. Lights	514	31,625	\$ 23,633	\$ 74.7295	\$ 74.72951	\$ 23,633	62	\$ 45.98	\$ 64.0404	\$ 20,252	\$ 10.6891	\$ 3,380
Sub-Total	50,394	96,064,839	\$ 20,077,688	\$ 20.9001	\$ 20.90014	\$ 20,077,688	1,906	\$ 398.41	\$ 10.2224	\$ 9,820,109	\$ 10.6778	\$ 10,257,580
Government Service:												
S Small Non Demand	687	1,021,708	\$ 268,911	\$ 26.3197	\$ 26.31975	\$ 268,911	1,487	\$ 391.43	\$ 15.6306	\$ 159,700	\$ 10.6891	\$ 109,211
K Small Demand	344	9,426,469	\$ 2,233,484	\$ 23.6938	\$ 23.69375	\$ 2,233,484	27,403	\$ 6,492.69	\$ 13.0047	\$ 1,225,880	\$ 10.6891	\$ 1,007,605
L Large	20	4,307,222	\$ 953,007	\$ 22.1258	\$ 22.12580	\$ 953,007	215,361	\$ 47,650.37	\$ 11.5697	\$ 498,333	\$ 10.5561	\$ 454,674
F Street Lighting (Agencies)	618	576,932	\$ 403,719	\$ 69.9769	\$ 69.97688	\$ 403,719	934	\$ 653.27	\$ 59.2878	\$ 342,050	\$ 10.6891	\$ 61,669
Sub-Total	1,669	15,332,331	\$ 3,859,122	\$ 25.1698	\$ 25.16983	\$ 3,859,122	9,187	\$ 2,312.24	\$ 14.5181	\$ 2,225,963	\$ 10.6517	\$ 1,633,159
U.S. Navy	52,063	111,397,170	\$ 23,936,810	\$ 21.4878	\$ 21.48781	\$ 23,936,810	2,140	\$ 459.77	\$ 10.8136	\$ 12,046,071	\$ 10.6742	\$ 11,890,739
	1	26,562,916	\$ 5,184,093	\$ 19.5163	\$ 19.51628	\$ 5,184,093			\$ 5.7510	\$ 1,527,635	\$ 13.7653	\$ 3,656,458
<b>TOTAL</b>	<b>52,064</b>	<b>137,960,086</b>	<b>\$ 29,120,903</b>	<b>\$ 21.1082</b>	<b>\$ 21.1082</b>	<b>\$ 29,120,903</b>	<b>2,650</b>	<b>\$ 559.33</b>	<b>\$ 9.8389</b>	<b>\$ 13,573,706</b>	<b>\$ 11.2693</b>	<b>\$ 15,547,197</b>
<b>Eight Months Ended May 2021</b>												
R Residential	44,501	382,239,222	\$ 74,065,085	\$ 19.3766	\$ 19.3766	\$ 74,065,085	8,590	\$ 1,664.37	\$ 9.7133	\$ 37,127,934	\$ 9.6634	\$ 36,937,151
D Residential - Apt & Condo	5	556,219	\$ 107,432	\$ 19.3147	\$ 19.3147	\$ 107,432	111,244	\$ 21,486.41	\$ 8.6256	\$ 47,977	\$ 10.6891	\$ 59,455
G Small Gen. Non Demand	4,399	47,775,477	\$ 11,408,872	\$ 23.8802	\$ 23.8802	\$ 11,408,872	10,861	\$ 2,593.51	\$ 14.1414	\$ 6,756,113	\$ 9.7388	\$ 4,652,758
J Small Gen. Demand	813	124,597,966	\$ 26,493,742	\$ 21.2634	\$ 21.2634	\$ 26,493,742	153,257	\$ 32,587.63	\$ 11.6057	\$ 14,460,497	\$ 9.6577	\$ 12,033,245
P Large General	95	146,031,830	\$ 29,576,183	\$ 20.2532	\$ 20.2532	\$ 29,576,183	1,545,310	\$ 312,975.48	\$ 10.7375	\$ 15,680,155	\$ 9.5158	\$ 13,896,029
I Independent Power Producer	2	299,585	\$ 57,892	\$ 19.3241	\$ 19.3241	\$ 57,892	149,793	\$ 28,946.10	\$ 10.2193	\$ 30,616	\$ 9.1048	\$ 27,277
H Private St. Lights	516	261,201	\$ 189,708	\$ 72.6292	\$ 72.6292	\$ 189,708	506	\$ 367.65	\$ 63.1250	\$ 164,883	\$ 9.5042	\$ 24,825
Sub-Total	50,330	701,761,499	\$ 141,898,913	\$ 20.2204	\$ 20.2204	\$ 141,898,913	13,943	\$ 2,819.37	\$ 10.5831	\$ 74,268,174	\$ 9.6373	\$ 67,630,739
Government Service:												
S Small Non Demand	683	6,819,855	\$ 1,751,595	\$ 25.6838	\$ 25.6838	\$ 1,751,595	9,989	\$ 2,565.50	\$ 16.0782	\$ 1,096,508	\$ 9.6056	\$ 655,087
K Small Demand	354	66,382,945	\$ 15,192,225	\$ 22.8857	\$ 22.8857	\$ 15,192,225	187,589	\$ 42,931.05	\$ 13.3021	\$ 8,830,350	\$ 9.5836	\$ 6,361,875
L Large	32	37,238,142	\$ 8,088,139	\$ 21.7200	\$ 21.7200	\$ 8,088,139	1,150,213	\$ 249,826.69	\$ 12.3206	\$ 4,587,963	\$ 9.3994	\$ 3,500,176
F Street Lighting (Agencies)	618	4,692,450	\$ 3,186,732	\$ 67.9119	\$ 67.9119	\$ 3,186,732	7,591	\$ 5,155.48	\$ 58.4018	\$ 2,740,476	\$ 9.5101	\$ 446,257
Sub-Total	1,687	115,133,391	\$ 28,218,692	\$ 24.5096	\$ 24.5096	\$ 28,218,692	68,242	\$ 16,725.90	\$ 14.9872	\$ 17,255,297	\$ 9.5223	\$ 10,963,395
U.S. Navy	1	816,894,890	\$ 170,117,605	\$ 17.5498	\$ 17.5498	\$ 170,117,605			\$ 11.2038	\$ 91,523,471	\$ 9.6211	\$ 78,594,134
	1	204,706,199	\$ 35,925,628	\$ 17.5498	\$ 17.5498	\$ 35,925,628			\$ 6.2008	\$ 12,693,500	\$ 11.3490	\$ 23,232,128
<b>TOTAL</b>	<b>52,018</b>	<b>1,021,601,089</b>	<b>\$ 206,043,233</b>	<b>\$ 20.1687</b>	<b>\$ 20.1687</b>	<b>\$ 206,043,233</b>	<b>19,639</b>	<b>\$ 3,960.99</b>	<b>\$ 10.2013</b>	<b>\$ 104,216,971</b>	<b>\$ 9.9673</b>	<b>\$ 101,826,262</b>
<b>Twelve Months Ended May 2021</b>												
R Residential	44,499	576,230,284	\$ 108,118,958	\$ 18.7632	\$ 18.7632	\$ 108,118,958	12,949	\$ 2,429.69	\$ 9.6259	\$ 55,467,181	\$ 9.1373	\$ 52,651,777
D Residential - Apt & Condo	5	556,219	\$ 107,432	\$ 19.3147	\$ 19.3147	\$ 107,432	111,244	\$ 21,486.41	\$ 8.6256	\$ 47,977	\$ 10.6891	\$ 59,455
G Small Gen. Non Demand	4,362	68,722,690	\$ 16,114,049	\$ 23.4479	\$ 23.4479	\$ 16,114,049	15,755	\$ 3,694.26	\$ 14.2039	\$ 9,761,330	\$ 9.2440	\$ 6,352,719
J Small Gen. Demand	850	183,556,519	\$ 38,297,389	\$ 20.8641	\$ 20.8641	\$ 38,297,389	216,055	\$ 45,077.85	\$ 11.6856	\$ 21,449,623	\$ 9.1785	\$ 16,847,766
P Large General	103	224,057,747	\$ 44,728,818	\$ 19.9631	\$ 19.9631	\$ 44,728,818	2,177,079	\$ 434,612.00	\$ 10.8594	\$ 24,331,293	\$ 9.1037	\$ 20,397,525
I Independent Power Producer	2	421,964	\$ 82,260	\$ 19.4946	\$ 19.4946	\$ 82,260	210,982	\$ 41,130.12	\$ 10.5640	\$ 248,392	\$ 8.9307	\$ 37,684
H Private St. Lights	517	396,236	\$ 284,659	\$ 71.8409	\$ 71.8409	\$ 284,659	766	\$ 550.42	\$ 62.7344	\$ 44,760	\$ 9.1065	\$ 36,083
Sub-Total	50,338	1,053,941,660	\$ 207,733,566	\$ 19.7102	\$ 19.7102	\$ 207,733,566	20,937	\$ 4,126.81	\$ 10.5652	\$ 111,350,556	\$ 9.1450	\$ 96,383,009
Government Service:												
S Small Non Demand	668	9,635,854	\$ 2,449,662	\$ 25.4224	\$ 25.4224	\$ 2,449,662	14,421	\$ 3,666.24	\$ 16.1542	\$ 1,556,598	\$ 9.2681	\$ 893,063
K Small Demand	364	98,380,195	\$ 22,166,732	\$ 22.5317	\$ 22.5317	\$ 22,166,732	270,028	\$ 60,841.90	\$ 13.3116	\$ 13,095,939	\$ 9.2201	\$ 9,070,793
L Large	36	57,694,061	\$ 12,434,422	\$ 21.5523	\$ 21.5523	\$ 12,434,422	1,606,351	\$ 346,201.99	\$ 12.5072	\$ 7,215,884	\$ 9.0452	\$ 5,218,538
F Street Lighting (Agencies)	618	7,022,269	\$ 4,753,113	\$ 67.6860	\$ 67.6860	\$ 4,753,113	11,363	\$ 7,691.12	\$ 58.5281	\$ 4,110,019	\$ 9.1579	\$ 643,094
Sub-Total	1,686	172,732,408	\$ 41,803,929	\$ 24.2016	\$ 24.2016	\$ 41,803,929	102,426	\$ 24,788.61	\$ 15.0397	\$ 25,978,441	\$ 9.1619	\$ 15,825,488
U.S. Navy	52,024	1,226,674,068	\$ 249,537,494	\$ 20.3426	\$ 20.3426	\$ 249,537,494	23,579		\$ 11.1952	\$ 137,328,997	\$ 9.1474	\$ 112,208,497
	1	310,113,271	\$ 51,146,770	\$ 16.4929	\$ 16.4929	\$ 51,146,770			\$ 6.2443	\$ 19,364,314	\$ 10.2487	\$ 31,782,456
<b>TOTAL</b>	<b>52,025</b>	<b>1,536,787,338</b>	<b>\$ 300,684,264</b>	<b>\$ 19.5658</b>	<b>\$ 19.5658</b>	<b>\$ 300,684,264</b>	<b>29,539</b>	<b>\$ 5,779.61</b>	<b>\$ 10.1962</b>	<b>\$ 156,693,311</b>	<b>\$ 9.3696</b>	<b>\$ 143,990,953</b>

GPA Work Session - July 22, 2021 - DIVISION REPORTS

GPA-318

ENERGY ACCOUNT

FOR INTERNAL USE ONLY

318May21

FY 2021 Versus FY 2020

	May 2021		May 2020		Y T D 2021		Y T D 2020		MOVING TWELVE MONTHS	
Gross Generation	31		31		243		243		365	
Number of days in Period	258		241		249		247		247	
Peak demand	05/14/21		05/20/20		04/16/21		10/23/19		10/23/19	
Date	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	47,288,000		65,594,000		450,751,000		453,562,000		697,967,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	30,768,500		24,130,600		211,756,700		218,369,000		324,672,300	
MEC (ENRON) Piti 9 (IPP)	28,639,000		25,622,200		219,255,900		207,339,000		320,751,000	
TEMES Piti 7 (IPP)	8,213,157		3,844,073		30,606,721		25,311,499		35,545,961	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:										
MDI 10MW	143,329		0		234,311		118,137		246,104	
NRG Solar Dandan	4,447,750		4,538,020		34,424,203		33,832,839		50,225,366	
Dededo CT #1	3,084,020		139,290		8,424,360		1,577,940		8,642,590	
Dededo CT #2	4,591,120		412,530		11,067,830		3,222,990		11,465,560	
Macheche CT	10,255,146		5,575,236		44,570,808		37,516,417		59,541,537	
Yigo CT (Leased)	3,905,954		5,312,547		27,846,474		32,555,064		41,671,646	
Tenjo	4,936,370		2,197,550		16,968,920		27,823,760		25,315,060	
Talofofo 10 MW	2,290,100		0		4,168,640		1,121,170		4,187,180	
Aggreko/Yigo Diesel Units	1,599,920		6,641,759		69,049,421		71,732,236		121,174,921	
Wind Turbine*	0		28,471		0		159,424		11,156	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	150,162,366		144,036,277		1,129,125,288		1,114,241,475		1,701,417,381	
Ratio to last year		104.25		93.26		101.34		98.01		99.78
Station use	5,178,082		5,727,976		44,148,485		43,301,895		66,333,408	
Ratio to Gross generation		3.45		3.98		3.91		3.89		3.90
Net send out	144,984,284		138,308,301		1,084,976,803		1,070,939,580		1,635,083,973	
Ratio to last year		104.83		93.09		101.31		98.02		99.75
KWH deliveries:										
Sales to Navy (@34.5kv)	26,562,916		27,028,828		204,706,200		203,945,392		310,112,990	
Ratio to last year		98.28		95.66		100.37		98.86		99.57
GPA-metered	118,421,368		111,279,473		880,270,603		866,994,188		1,324,970,983	
Ratio to last year		106.42		92.48		101.53		97.82		99.79
Power factor adj.	0		0		0		0		0	
Adjusted	118,421,368		111,279,473		880,270,603		866,994,188		1,324,970,983	
GPA KWH Accountability:										
Sales to civilian customers- accrual basis	111,397,170		103,501,717		816,894,889		804,266,836		1,226,674,070	
Ratio to last year		107.63		92.28		101.57		97.65		99.32
GPA use-KWH	352,635		329,784		2,649,429		2,660,331		4,041,238	
Unaccounted For	6,671,563		7,447,971		60,726,285		60,067,021		94,255,675	
Ratio to deliveries		5.63		6.69		6.90		6.93		7.11
Ratio to Gross Generation		4.44		5.17		5.38		5.39		5.54
Ratio to Net Send Out		4.61		5.40		5.60		5.61		5.78

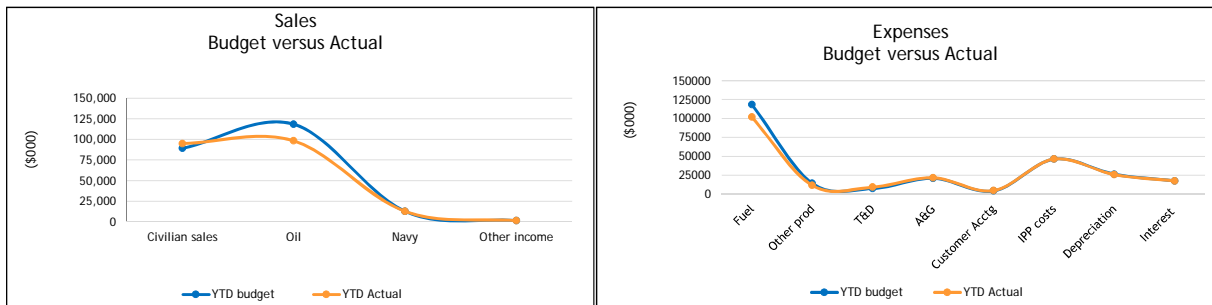
GPA Work Session - July 22, 2021 - DIVISION REPORTS

GPA-317May21

**Guam Power Authority  
Fuel Consumption  
FY 2021**

Description	May 2021		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARREL S	AMOUNT
<b>FUEL FURNISHED:</b>						
<b>NAVY:</b>						
Diesel	0	0	0	0	0	0
Low Sulfur	0	0	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GPA:</b>						
RFO	120,796	\$8,331,236	1,169,517	\$ 67,154,421	1,702,581	\$ 84,623,681
Diesel	89,953	\$7,110,215	467,652	\$ 32,841,243	660,335	\$ 43,981,116
Low Sulfur	41,007	\$2,233,605	186,253	\$ 8,712,397	380,277	\$ 18,531,459
Deferred Fuel Costs	0	-\$3,837,284	0	\$ (19,717,984)	0	\$ (21,873,982)
Fuel Adjustments	0	\$0	0	\$ (16,717)	0	\$ (404,016)
Fuel Handling Costs	0	\$1,709,424	0	\$ 12,852,903	0	\$ 19,132,697
	<b>251,756</b>	<b>\$15,547,197</b>	<b>1,823,422</b>	<b>\$ 101,826,262</b>	<b>2,743,192</b>	<b>\$ 143,990,955</b>
<b>IWPS:</b>						
GPA RFO	120,796	\$8,331,236	1,169,517	\$ 67,154,421	1,702,581	\$ 84,623,681
Diesel	89,953	\$7,110,215	467,652	\$ 32,841,243	660,335	\$ 43,981,116
Low Sulfur	41,007	\$2,233,605	186,253	\$ 8,712,397	380,277	\$ 18,531,459
Deferred Fuel Costs	0	-\$3,837,284	0	\$ (19,717,984)	0	\$ (21,873,982)
Fuel Variance	0	\$0	0	\$ (16,717)	0	\$ (404,016)
Fuel Handling Costs	0	\$1,709,424	0	\$ 12,852,903	0	\$ 19,132,697
	<b>251,756</b>	<b>\$15,547,197</b>	<b>1,823,422</b>	<b>\$ 101,826,262</b>	<b>2,743,192</b>	<b>\$ 143,990,955</b>
<b>AVERAGE COST/Bbl.</b>						
GPA RFO		<b>\$68.97</b>		<b>\$57.42</b>		<b>\$49.70</b>
Diesel		<b>\$79.04</b>		<b>\$70.23</b>		<b>\$66.60</b>
Low Sulfur		<b>\$54.47</b>		<b>\$46.78</b>		<b>\$48.73</b>
<b>AS BURNED</b>						
<b>Cabras 1 &amp; 2</b>						
RFO	60,681	\$ 4,176,404	669,700	\$ 38,234,630	986,229	\$ 48,445,648
Low Sulfur	21,938	\$ 1,198,645	102,449	\$ 4,811,967	220,931	\$ 10,934,511
Diesel	<u>69</u>	<u>\$ 4,000</u>	<u>1,047</u>	<u>\$ 81,535</u>	<u>1,131</u>	<u>\$ 89,072</u>
	82,688	\$ 5,379,049	773,196	\$ 43,128,132	1,208,292	\$ 59,469,230
<b>Cabras 3 &amp; 4</b>						
RFO	0	\$ -	0	\$ -	0	\$ -
Low Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	<u>0</u>	<u>\$ -</u>	<u>0</u>	<u>\$ -</u>	<u>0</u>	<u>\$ -</u>
	0	\$ -	0	\$ -	0	\$ -
<b>MEC (Piti Units 8&amp;9)</b>						
RFO	60,115	\$ 4,154,831	499,817	\$ 28,919,791	716,352	\$ 36,178,034
Low Sulfur	19,069	\$ 1,034,960	83,804	\$ 3,900,430	159,345	\$ 7,596,949
Diesel	<u>0</u>	<u>\$ -</u>	<u>10</u>	<u>\$ 924</u>	<u>30</u>	<u>\$ 2,292</u>
	79,184	\$ 5,189,792	583,631	\$ 32,821,145	875,727	\$ 43,777,274
<b>Diesel &amp; CT's - GPA:</b>						
MDI Dsl	231	\$ 23,772	408	\$ 40,641	427	\$ 42,440
Macheche CT	20,820	\$ 1,629,297	95,238	\$ 6,644,077	128,717	\$ 8,413,816
Yigo CT	7,904	\$ 619,855	59,454	\$ 4,094,993	90,095	\$ 5,765,338
Talofofo 10 MW	3,871	\$ 308,796	6,990	\$ 552,636	7,022	\$ 555,389
Aggreko	3,622	\$ 284,923	128,699	\$ 8,077,438	226,131	\$ 13,515,034
Tenjo	8,698	\$ 744,112	30,152	\$ 2,680,696	44,705	\$ 4,007,635
TEMES (IPP)	21,823	\$ 1,701,905	85,358	\$ 6,139,897	99,723	\$ 6,882,498
GWA Generators	<u>8</u>	<u>\$ 1,099</u>	<u>77</u>	<u>\$ 10,413</u>	<u>90</u>	<u>\$ 12,242</u>
	89,884	\$ 7,106,215	466,595	\$ 32,758,784	659,174	\$ 43,889,752
Deferred Fuel Costs	0	\$ (3,837,284)	0	\$ (19,717,984)	0	\$ (21,873,982)
Adjustment	0	\$ -	0	\$ (16,717)	0	\$ (404,016)
Fuel Handling Costs	<u>0</u>	<u>\$ 1,709,424</u>	<u>0</u>	<u>\$ 12,852,903</u>	<u>0</u>	<u>\$ 19,132,697</u>
<b>TOTAL</b>	<b>251,756</b>	<b>\$ 15,547,197</b>	<b>1,823,422</b>	<b>\$ 101,826,262</b>	<b>2,743,192</b>	<b>\$ 143,990,955</b>

Statement of operations Comparison-Budget versus Actual For the month and year to date ended May 31, 2021						
	Budget	Actual May-21	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	108,261	111,397	(3,136)	794,850	816,895	(22,045)
Non-fuel yield	\$ 0.110637	\$ 0.139564	\$ (0.028927)	\$ 0.112210	\$ 0.116326	\$ (0.004116)
KwH Sales-Navy	27,266	26,563	703	199,074	204,707	(5,633)
Non-fuel yield	\$ 0.063624	\$ 0.057524	\$ 0.006100	\$ 0.063624	\$ 0.062006	\$ 0.001618
Operating revenue						
Civilian sales	\$ 11,978	\$ 15,547	\$ (3,569)	\$ 89,190	\$ 95,026	\$ (5,836)
Oil	20,561	12,046	8,515	118,418	98,325	20,093
Navy	1,735	1,528	207	12,666	12,693	(27)
DSM-Rebates	-	333	(333)	-	2,516	(2,516)
Other income	180	233	(53)	1,440	1,336	104
	34,454	29,687	4,767	221,714	209,896	11,818
Bad debts expense	87	87	0	697	697	0
Total operating revenues	\$ 34,367	\$ 29,600	\$ 4,767	\$ 221,017	\$ 209,199	\$ 11,818
Operating expenses:						
Production fuel	\$ 20,561	\$ 15,547	\$ 5,014	\$ 118,418	\$ 101,826	\$ 16,592
O & M expenses:						
Other production	2,121	1,923	197	14,282	11,511	2,771
Transmission distribution	1,112	1,116	(4)	7,502	9,209	(1,708)
Administrative expense	2,525	2,480	45	20,984	21,655	(671)
Customer accounting	453	587	(134)	3,522	3,958	(436)
	6,211	6,106	104	46,290	46,334	(44)
IPP costs	1,383	848	535	11,061	7,924	3,136
Depreciation	3,291	3,218	73	26,327	25,804	523
	31,445	25,719	5,726	202,095	181,888	20,207
Operating income	2,921	3,881	(959)	18,922	27,311	(8,389)
Other revenue (expenses):						
Investment income	83	1	82	667	752	(85)
Interest expense	(2,185)	(2,183)	(2)	(17,482)	(17,509)	27
Allowance for funds used during construction	-	75	(75)	-	688	(688)
Pandemic -COVID19	-	(61)	61	-	(193)	193
Losses due to typhoon	-	(9)	9	-	(51)	51
Bond issuance costs/Other expenses	89	85	4	714	679	35
Net income before capital contribution	909	1,790	(881)	2,821	11,678	(8,858)
Grants from the U.S. Government	-	-	-	-	-	-
Increase (decrease) in net assets	\$ 909	\$ 1,790	\$ (881)	\$ 2,821	\$ 11,678	\$ (8,858)

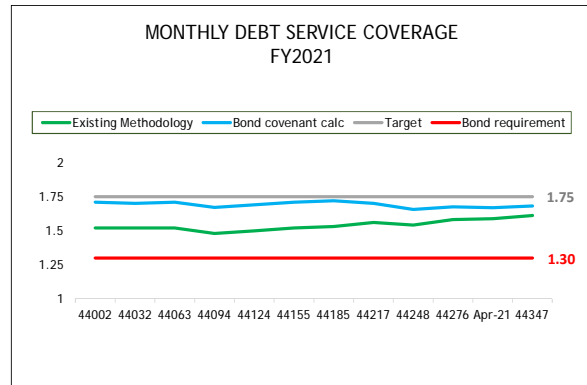


Guam Power Authority  
Debt service coverage  
May 31, 2021

	Restated 2017	Audited 2018	Audited 2019	Audited 2020	YTD Unaudited 2021
Funds Available for Debt Service					
Earnings from Operations	\$ 36,522	\$ 38,164	\$ 39,053	\$ 39,440	\$ 27,310
Interest Income	122	620	2,746	2,377	424
Depreciation Expense	44,292	37,184	36,999	37,958	25,804
Balance Available for Debt Service	\$ 80,936	\$ 75,968	\$ 78,798	\$ 79,776	\$ 53,538
IPP - Capital Costs					
Principal	\$ 20,796	\$ 23,210	\$ 13,470	\$ 8,399	\$ 2,217
Interest	5,609	3,159	1,068	531	28
Total IPP Payments	\$ 26,405	\$ 26,369	\$ 14,538	\$ 8,930	\$ 2,245
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	-	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	2,000	-	-	-
Principal and Interest (2012 Senior TE Bond)	17,449	17,086	31,467	35,232	23,488
Principal and Interest (2014 Senior TE Bond)	5,084	5,083	5,084	5,087	3,392
Principal and Interest (2017 Senior TE Bond)	-	5,916	7,607	7,418	4,944
Total	\$ 30,532	\$ 30,086	\$ 44,158	\$ 47,737	\$ 31,824
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	1.79 x	1.65 x	1.46 x	1.48 x	1.61 x
Existing DSC Methodology (Senior+Subordinate)	1.79 x	1.65 x	1.46 x	1.48 x	1.61 x
Bond Covenant DSC	2.65 x	2.53 x	1.78 x	1.67 x	1.68 x
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75 x	1.75 x	1.75 x
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30 x	1.30 x	1.30 x
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20 x	1.20 x	1.20 x	1.20 x

## Notes:

- (1) Source: Guam Power Authority, 2017 - 2020 Audited Financial Statements and 2020-2021 Unaudited Financial Statements
- (2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit
- (3) Existing DSC Methodology (Rating Agency Method):  
(Operating Earnings + Depreciation Expense - IPP Principal & Interest Payments)/  
(Senior and Subordinate Bond Principal & Interest Payments)
- (4) Bond Covenant DSC Methodology: (Operating Earnings + Depreciation Expense)/  
(Senior and Subordinate Bond Principal & Interest Payments)



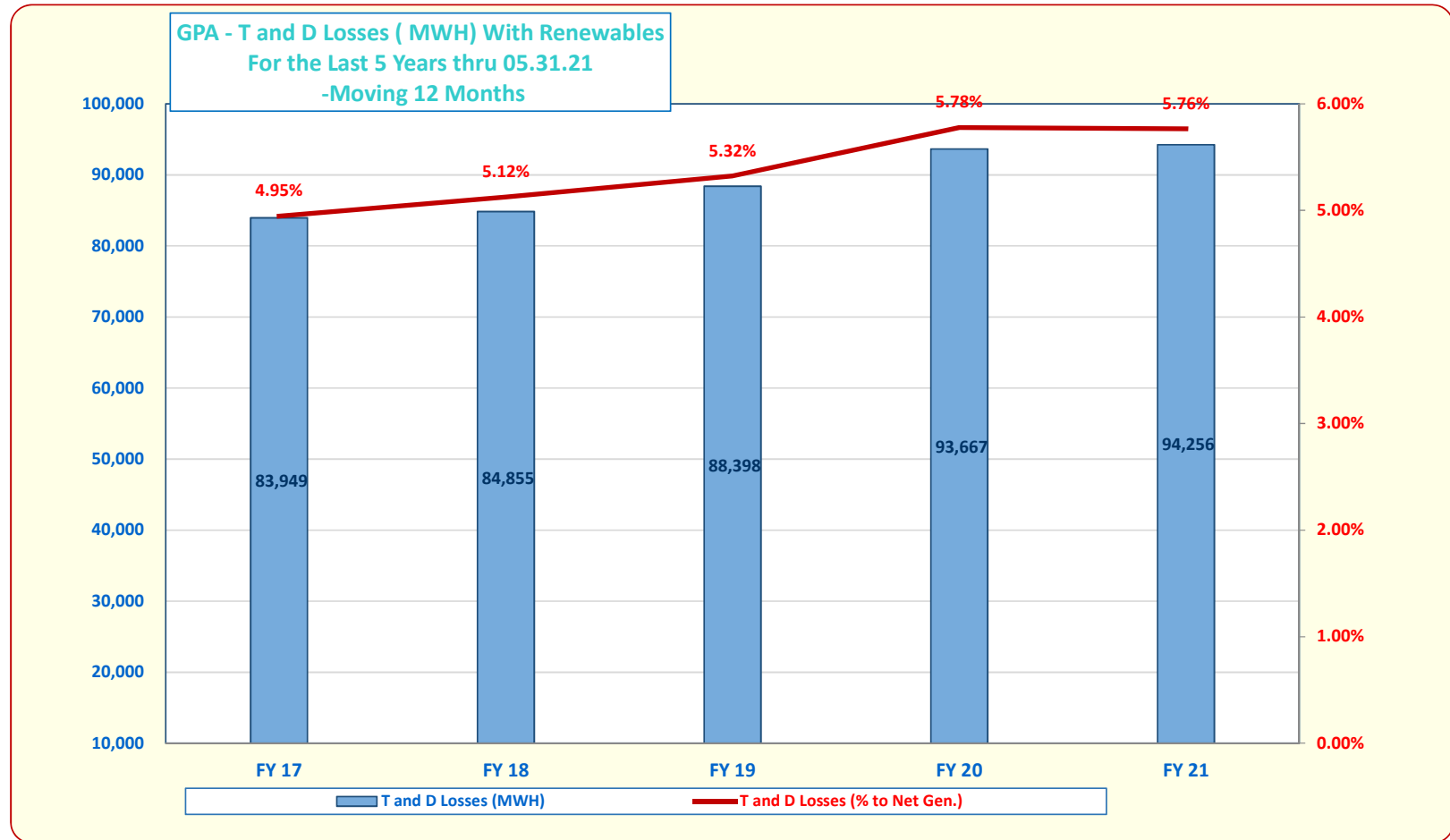


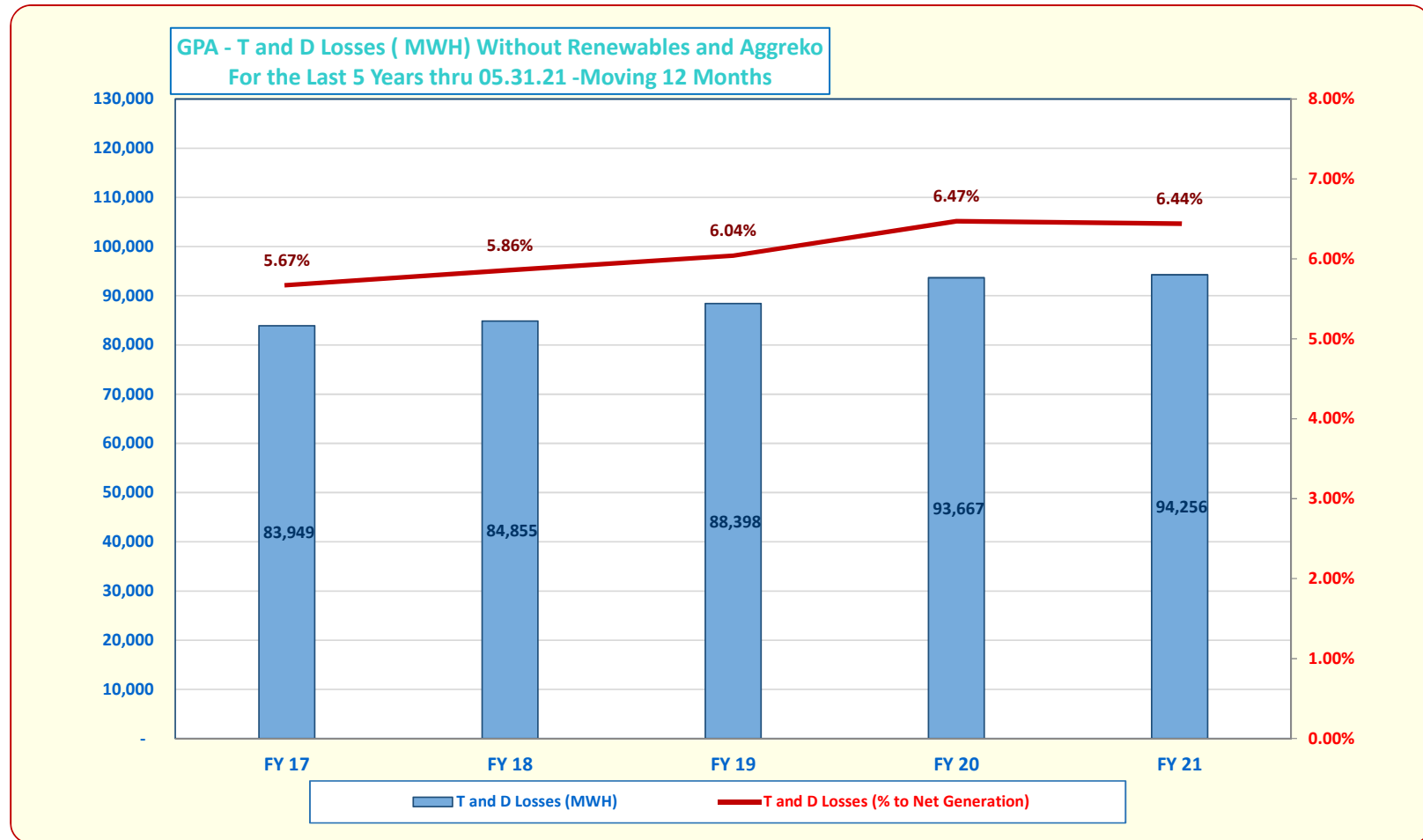
GPA Work Session - July 22, 2021 - DIVISION REPORTS

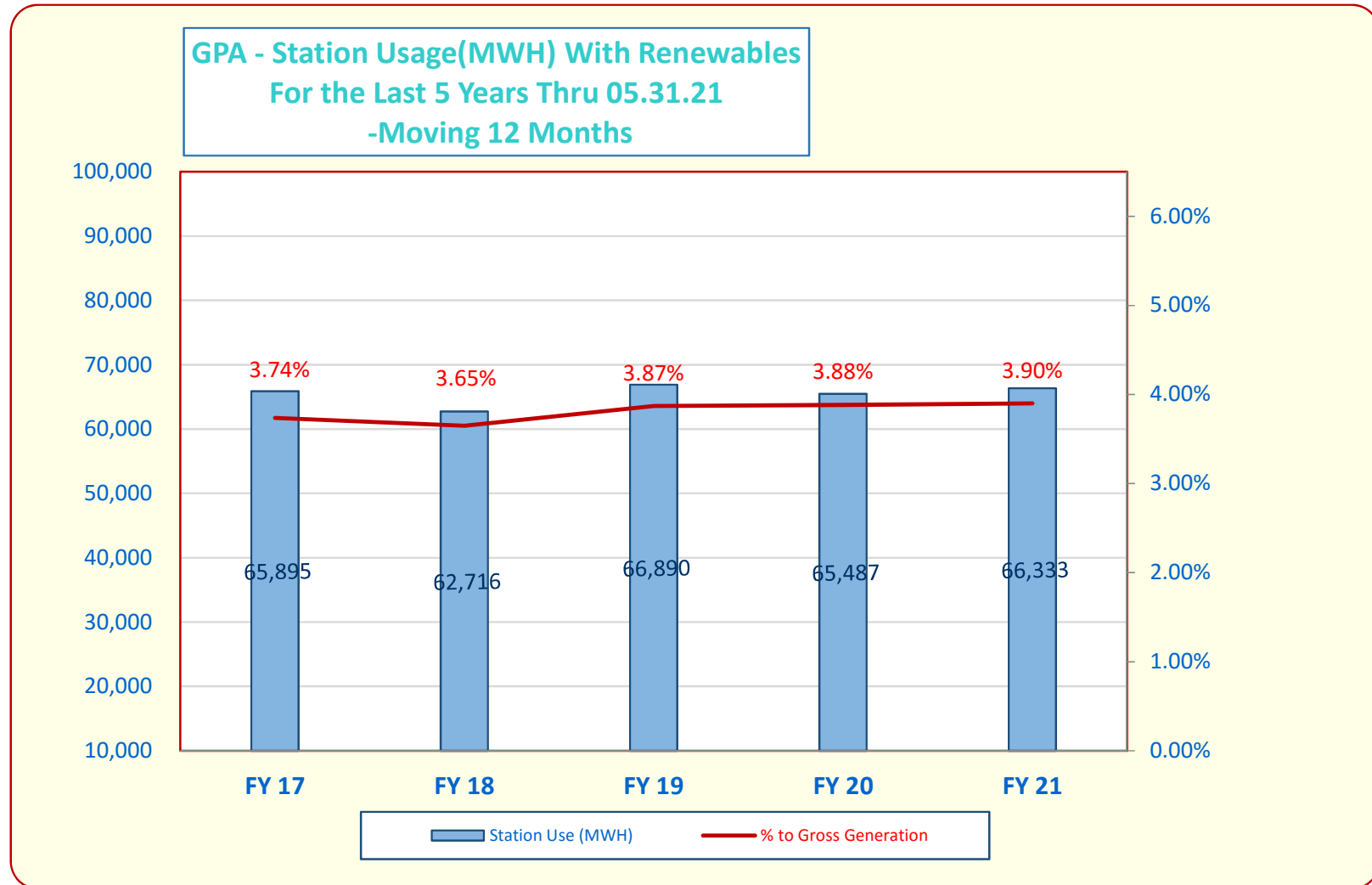
REVENUES-ACTUAL VS PROJECTIONS								
MONTHLY - MAY 2021					YTD THRU 05/31/21			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
<b>KWH</b>								
Residential	44,324,701	52,850,154	8,525,454	19.23%	311,827,843	382,239,222	70,411,378	22.58%
Residential - Apt & Condo	-	556,219	556,219	#DIV/0!	-	556,219	556,219	#DIV/0!
Small General-Non-Demand	6,548,332	7,276,536	728,205	11.12%	50,612,020	47,775,477	(2,836,544)	-5.60%
Small General-Demand	15,897,252	16,369,442	472,190	2.97%	117,469,117	124,597,966	7,128,849	6.07%
Large	24,927,137	18,958,969	(5,968,167)	-23.94%	192,141,731	146,031,830	(46,109,902)	-24.00%
Independent Power Producers	30,233	21,893	(8,339)	-27.58%	241,985	299,585	57,601	23.80%
Private St. Lites	32,301	31,625	(677)	-2.09%	253,567	261,201	7,633	3.01%
<b>Sub-total</b>	<b>91,759,955</b>	<b>96,064,839</b>	<b>4,304,884</b>	<b>4.69%</b>	<b>672,546,263</b>	<b>701,761,499</b>	<b>29,215,235</b>	<b>4.34%</b>
Government								
Small_Non Demand	1,221,599	1,021,708	(199,891)	-16.36%	8,961,979	6,819,855	(2,142,124)	-23.90%
Small-Demand	8,347,638	9,426,469	1,078,831	12.92%	61,496,509	66,382,945	4,886,436	7.95%
Large	6,122,553	4,307,222	(1,815,331)	-29.65%	46,071,369	37,238,142	(8,833,227)	-19.17%
Public St. Lites	809,460	576,932	(232,527)	-28.73%	5,774,142	4,692,450	(1,081,692)	-18.73%
<b>Sub-total</b>	<b>16,501,249</b>	<b>15,332,331</b>	<b>(1,168,918)</b>	<b>-7.08%</b>	<b>122,303,998</b>	<b>115,133,391</b>	<b>(7,170,607)</b>	<b>-5.86%</b>
<b>Total-Civilian</b>	<b>108,261,204</b>	<b>111,397,170</b>	<b>3,135,966</b>	<b>2.90%</b>	<b>794,850,261</b>	<b>816,894,890</b>	<b>22,044,629</b>	<b>2.77%</b>
USN	27,266,127	26,562,916	(703,211)	-2.58%	199,074,077	204,706,199	5,632,122	2.83%
<b>Grand Total</b>	<b>135,527,331</b>	<b>137,960,086</b>	<b>2,432,755</b>	<b>1.80%</b>	<b>993,924,338</b>	<b>1,021,601,089</b>	<b>27,676,751</b>	<b>2.78%</b>
<b>Non-Oil Yield</b>								
Residential	0.092505	0.092930	0.000425	0.46%	0.095767	0.097133	0.001366	1.43%
Residential - Apt & Condo	#DIV/0!	0.086256	#DIV/0!	#DIV/0!	#DIV/0!	0.086256	#DIV/0!	#DIV/0!
Small General-Non-Demand	0.138862	0.138300	(0.000562)	-0.40%	0.138862	0.141414	0.002552	1.84%
Small General-Demand	0.120116	0.112352	(0.007764)	-6.46%	0.120116	0.116057	(0.004059)	-3.38%
Large	0.103865	0.105083	0.001217	1.17%	0.103865	0.107375	0.003510	3.38%
Independent Power Producers	0.624112	0.126026	(0.498086)	0.00%	0.624112	0.102193	(0.521918)	0.00%
Private St. Lites	0.128477	0.640404	0.511927	398.46%	0.128477	0.631250	0.502773	391.33%
<b>Sub-total</b>	<b>0.103871</b>	<b>0.102224</b>	<b>(0.001647)</b>	<b>-1.59%</b>	<b>0.105779</b>	<b>0.105831</b>	<b>0.000052</b>	<b>0.05%</b>
Government								
Small_Non Demand	0.152623	0.156306	0.003684	2.41%	0.152623	0.160782	0.008159	5.35%
Small-Demand	0.133106	0.130047	(0.003060)	-2.30%	0.133106	0.133021	(0.000085)	-0.06%
Large	0.124944	0.115697	(0.009247)	-7.40%	0.124944	0.123206	(0.001738)	-1.39%
Public St. Lites	0.474388	0.592878	0.118490	24.98%	0.474388	0.584018	0.109630	23.11%
<b>Sub-total</b>	<b>0.148264</b>	<b>0.145181</b>	<b>(0.003083)</b>	<b>-2.08%</b>	<b>0.147574</b>	<b>0.149872</b>	<b>0.002298</b>	<b>1.56%</b>
<b>Total-Civilian</b>	<b>0.110637</b>	<b>0.108136</b>	<b>(0.002501)</b>	<b>-2.26%</b>	<b>0.119063</b>	<b>0.112038</b>	<b>(0.007025)</b>	<b>-5.90%</b>
USN	0.063624	0.057510	(0.006114)	-9.61%	0.063624	0.062008	(0.001615)	-2.54%
<b>Grand Total</b>	<b>0.101179</b>	<b>0.098389</b>	<b>(0.002790)</b>	<b>-2.76%</b>	<b>0.102479</b>	<b>0.102013</b>	<b>(0.000465)</b>	<b>-0.45%</b>
<b>Non-Oil Revenues</b>								
Residential	4,100,269	4,911,378	811,109	19.78%	29,862,820	37,127,934	7,265,114	24.33%
Residential - Apt & Condo	-	47,977	47,977	#DIV/0!	-	47,977	47,977	#DIV/0!
Small General-Non-Demand	909,312	1,006,346	97,034	10.67%	7,028,067	6,756,113	(271,954)	-3.87%
Small General-Demand	1,909,521	1,839,139	(70,382)	-3.69%	14,109,969	14,480,497	350,528	2.48%
Large	2,589,060	1,992,258	(596,803)	-23.05%	19,956,827	15,680,155	(4,276,672)	-21.43%
Independent Power Producers	18,868	2,759	(16,109)	-85.38%	151,026	30,616	(120,410)	-79.73%
Private St. Lites	4,150	20,252	16,103	388.02%	32,578	164,883	132,305	406.12%
<b>Sub-total</b>	<b>9,531,181</b>	<b>9,820,109</b>	<b>288,928</b>	<b>3.03%</b>	<b>71,141,285</b>	<b>74,268,174</b>	<b>3,126,889</b>	<b>4.40%</b>
Government								
Small_Non Demand	186,444	159,700	(26,744)	-14.34%	1,367,800	1,096,508	(271,292)	-19.83%
Small-Demand	1,111,122	1,225,880	114,758	10.33%	8,185,563	8,830,350	644,787	7.88%
Large	764,975	498,333	(266,641)	-34.86%	5,756,330	4,587,963	(1,168,367)	-20.30%
Public St. Lites	383,998	342,050	(41,947)	-10.92%	2,739,183	2,740,476	1,293	0.05%
<b>Sub-total</b>	<b>2,446,538</b>	<b>2,225,963</b>	<b>(220,575)</b>	<b>-9.02%</b>	<b>18,048,876</b>	<b>17,255,297</b>	<b>(793,579)</b>	<b>-4.40%</b>
<b>Total-Civilian</b>	<b>11,977,719</b>	<b>12,046,071</b>	<b>68,353</b>	<b>0.57%</b>	<b>89,190,161</b>	<b>91,523,471</b>	<b>2,333,310</b>	<b>2.62%</b>
USN	1,734,770	1,527,635	(207,135)	-11.94%	12,665,817	12,693,500	27,683	0.22%
<b>Grand Total</b>	<b>13,712,489</b>	<b>13,573,706</b>	<b>(138,782)</b>	<b>-1.01%</b>	<b>101,855,978</b>	<b>104,216,971</b>	<b>2,360,994</b>	<b>2.32%</b>
% of Total Revenues	40.01%	46.61%			46.24%	50.58%		
<b>Oil Revenues</b>								
Residential	6,724,633	5,649,206	(1,075,427)	-15.99%	37,204,617	36,937,151	(267,466)	-0.72%
Residential - Apt & Condo	-	59,455	59,455	#DIV/0!	-	59,455	59,455	#DIV/0!
Small General-Non-Demand	993,467	777,796	(215,671)	-21.71%	6,010,716	4,652,758	(1,357,957)	-22.59%
Small General-Demand	2,411,820	1,749,066	(662,754)	-27.48%	13,998,063	12,033,245	(1,964,818)	-14.04%
Large	3,781,771	2,016,415	(1,765,356)	-46.68%	22,782,949	13,896,029	(8,886,920)	-39.01%
Independent Power Producers	4,587	2,262	(2,325)	-50.68%	28,506	27,277	(1,229)	-4.31%
Private St. Lites	4,901	3,380	(1,520)	-31.02%	30,088	24,825	(5,264)	-17.49%
<b>Sub-total</b>	<b>13,921,178</b>	<b>10,257,580</b>	<b>(3,663,598)</b>	<b>-26.32%</b>	<b>80,054,938</b>	<b>67,630,739</b>	<b>(12,424,199)</b>	<b>-15.52%</b>
Government								
Small_Non Demand	185,332	109,211	(76,121)	-41.07%	1,070,632	655,087	(415,545)	-38.81%
Small-Demand	1,266,445	1,007,605	(258,840)	-20.44%	7,343,808	6,361,875	(981,933)	-13.37%
Large	928,871	454,674	(474,197)	-51.05%	5,472,073	3,500,176	(1,971,896)	-36.04%
Public St. Lites	122,806	61,669	(61,137)	-49.78%	695,715	446,257	(249,459)	-35.86%
<b>Sub-total</b>	<b>2,503,454</b>	<b>1,633,159</b>	<b>(870,295)</b>	<b>-34.76%</b>	<b>14,582,228</b>	<b>10,963,395</b>	<b>(3,618,833)</b>	<b>-24.82%</b>
<b>Total-Civilian</b>	<b>16,424,632</b>	<b>11,890,739</b>	<b>(4,533,893)</b>	<b>-27.60%</b>	<b>94,637,167</b>	<b>78,594,134</b>	<b>(16,043,033)</b>	<b>-16.95%</b>
USN	4,136,626	3,656,458	(480,168)	-11.61%	23,780,833	23,232,128	(548,705)	-2.31%
<b>Grand Total</b>	<b>20,561,258</b>	<b>15,547,197</b>	<b>(5,014,061)</b>	<b>-24.39%</b>	<b>118,418,000</b>	<b>101,826,262</b>	<b>(16,591,738)</b>	<b>-14.01%</b>
% of Total Revenues	59.99%	53.39%			53.76%	49.42%		
<b>Grand Total</b>								
Residential	10,824,902	10,560,583	(264,319)	-2.44%	67,067,436	74,065,085	6,997,648	10.43%
Residential - Apt & Condo	-	107,432	107,432	#DIV/0!	-	107,432	107,432	#DIV/0!
Small General-Non-Demand	1,902,779	1,784,142	(118,637)	-6.23%	13,038,783	11,408,872	(1,629,911)	-12.50%
Small General-Demand	4,321,341	3,588,205	(733,136)	-16.97%	28,108,031	26,493,742	(1,614,290)	-5.74%
Large	6,370,831	4,008,672	(2,362,159)	-37.08%	42,739,776	29,576,183	(13,163,592)	-30.80%
Independent Power Producers	23,455	5,021	(18,434)	-78.59%	179,532	57,892	(121,639)	-67.75%
Private St. Lites	9,050	23,633	14,582	161.12%	62,666	189,708	127,042	202.73%
<b>Sub-total</b>	<b>23,452,359</b>	<b>20,077,688</b>	<b>(3,374,670)</b>	<b>-14.39%</b>	<b>151,196,224</b>	<b>141,898,913</b>	<b>(9,297,310)</b>	<b>-6.15%</b>
Government								
Small_Non Demand	371,776	268,911	(102,865)	-27.67%	2,438,432	1,751,595	(686,837)	-28.17%
Small-Demand	2,377,567	2,233,484	(144,083)	-6.06%	15,529,372	15,192,225	(337,147)	-2.17%
Large	1,693,846	953,007	(740,838)	-43.74%	11,228,403	8,088,139	(3,140,264)	-27.97%
Public St. Lites	506,803	403,719	(103,084)	-20.34%	3,434,898	3,186,732	(248,166)	-7.22%
<b>Sub-total</b>	<b>4,949,992</b>	<b>3,859,122</b>	<b>(1,090,870)</b>	<b>-22.04%</b>	<b>32,631,104</b>	<b>28,218,692</b>	<b>(4,412,412)</b>	<b>-13.52%</b>
<b>Total-Civilian</b>	<b>28,402,351</b>	<b>23,936,810</b>	<b>(4,465,540)</b>	<b>-15.72%</b>	<b>183,827,328</b>	<b>170,117,605</b>	<b>(13,709,723)</b>	<b>-7.46%</b>
USN	5,871,396	5,184,093	(687,303)	-11.71%	36,446,650	35,925,628	(521,022)	-1.43%
<b>Grand Total</b>	<b>34,273,747</b>	<b>29,120,903</b>	<b>(5,152,844)</b>	<b>-15.03%</b>	<b>220,273,978</b>	<b>206,043,233</b>	<b>(14,230,745)</b>	<b>-6.46%</b>

GPA Work Session - July 22, 2021 - DIVISION REPORTS

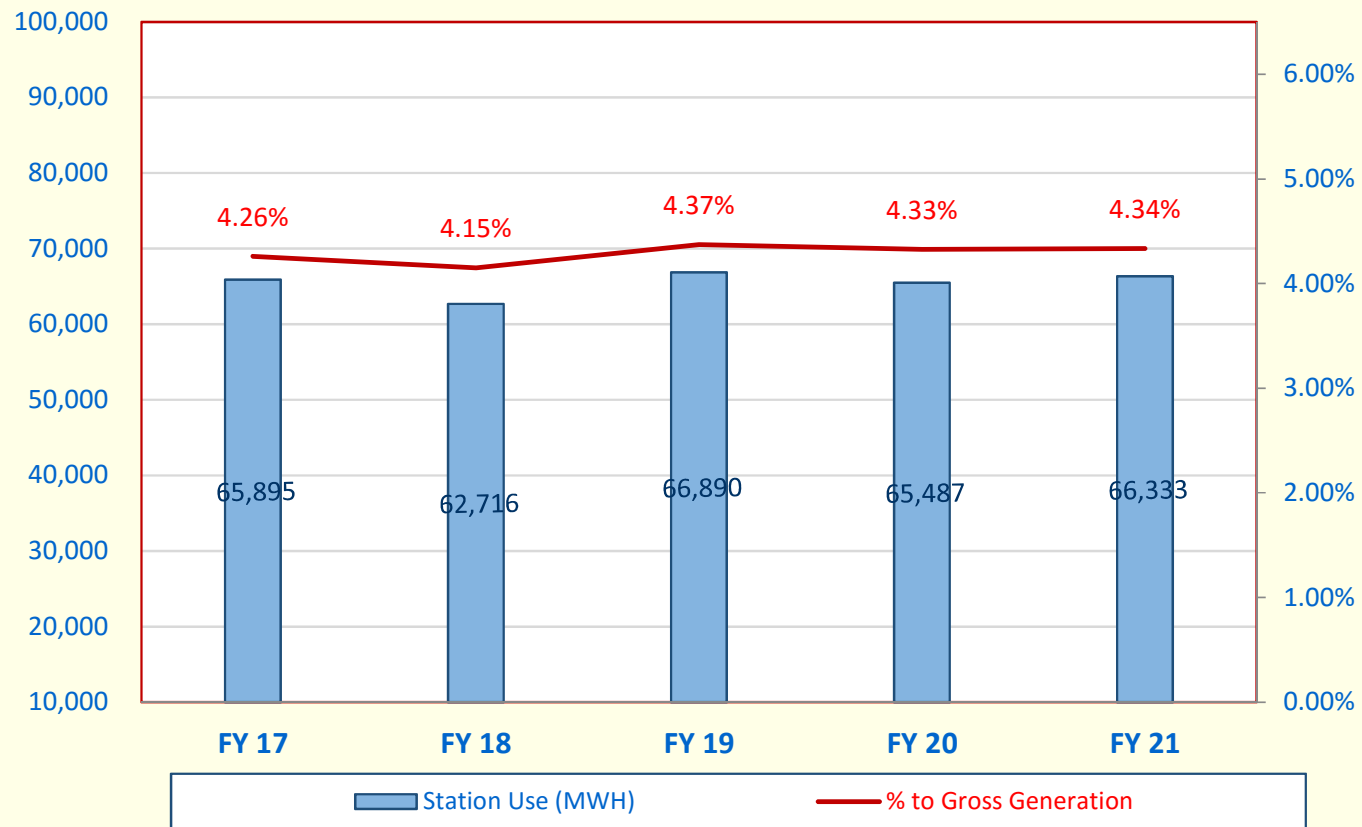
	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 8 MONTHS ENDED MAY 31				ACTUALS - MONTH ENDED MAY 31			
	2021	2020	VARIANCE	% VARIANCE	2021	2020	VARIANCE	% VARIANCE
<b>KWH</b>								
Residential	382,239,222	338,247,518	43,991,704	13.01%	52,850,154	50,104,381	2,745,773	5.48%
Residential - Apt & Condo	556,219	-	556,219	#DIV/0!	556,219	-	556,219	#DIV/0!
Small General-Non-Demand	47,775,477	40,321,012	7,454,464	18.49%	7,276,536	4,878,549	2,397,987	49.15%
Small General-Demand	124,597,966	122,056,517	2,541,448	2.08%	16,369,442	14,574,000	1,795,442	12.32%
Large	146,031,830	181,480,393	(35,448,564)	-19.53%	18,958,969	19,502,429	(543,459)	-2.79%
Independent Power Producers	299,585	262,493	37,092	14.13%	21,893	37,503	(15,610)	-41.62%
Private St. Lites	261,201	261,844	(644)	-0.25%	31,625	31,190	435	1.39%
<b>Sub-total</b>	<b>701,761,499</b>	<b>682,629,778</b>	<b>19,131,720</b>	<b>2.80%</b>	<b>96,064,839</b>	<b>89,128,052</b>	<b>6,936,787</b>	<b>7.78%</b>
Government								
Small_Non Demand	6,819,855	5,557,148	1,262,707	22.72%	1,021,708	667,053	354,655	53.17%
Small-Demand	66,382,945	66,581,726	(198,781)	-0.30%	9,426,469	8,146,861	1,279,607	15.71%
Large	37,238,142	44,785,088	(7,546,946)	-16.85%	4,307,222	5,002,187	(694,965)	-13.89%
Public St. Lites	4,692,450	4,713,096	(20,647)	-0.44%	576,932	557,564	19,369	3.47%
<b>Sub-total</b>	<b>115,133,391</b>	<b>121,637,058</b>	<b>(6,503,667)</b>	<b>-5.35%</b>	<b>15,332,331</b>	<b>14,373,665</b>	<b>958,666</b>	<b>6.67%</b>
<b>Total-Civilian</b>	<b>816,894,890</b>	<b>804,266,836</b>	<b>12,628,053</b>	<b>1.57%</b>	<b>111,397,170</b>	<b>103,501,717</b>	<b>7,895,453</b>	<b>7.63%</b>
USN	204,706,199	203,945,392	760,807	0.37%	26,562,916	27,028,828	(465,912)	-1.72%
<b>Grand Total</b>	<b>1,021,601,089</b>	<b>1,008,212,229</b>	<b>13,388,860</b>	<b>1.33%</b>	<b>137,960,086</b>	<b>130,530,545</b>	<b>7,429,541</b>	<b>5.69%</b>
<b>Non-Oil Yield</b>								
Residential	0.097133	0.096085	0.001048	1.09%	0.092930	0.095375	-0.002445	-2.56%
Residential - Apt & Condo	0.086256	#DIV/0!	#DIV/0!	#DIV/0!	0.086256	#DIV/0!	#DIV/0!	#DIV/0!
Small General-Non-Demand	0.141414	0.145400	-0.003986	-2.74%	0.138300	0.150039	-0.011739	-7.82%
Small General-Demand	0.116057	0.122918	-0.006861	-5.58%	0.112352	0.125162	-0.012810	-10.23%
Large	0.107375	0.108020	-0.000645	-0.60%	0.105083	0.115748	-0.010665	-9.21%
Independent Power Producers	0.102193	0.125010	-0.022817	-18.25%	0.126026	0.145082	-0.019056	-13.13%
Private St. Lites	0.631250	0.626459	0.004791	0.76%	0.640404	0.649580	-0.009176	-1.41%
<b>Sub-total</b>	<b>0.105831</b>	<b>0.107183</b>	<b>-0.001352</b>	<b>-1.26%</b>	<b>0.102224</b>	<b>0.107910</b>	<b>-0.005687</b>	<b>-5.27%</b>
Government								
Small_Non Demand	0.160782	0.164773	-0.003992	-2.42%	0.156306	0.166840	-0.010533	-6.31%
Small-Demand	0.133021	0.134570	-0.001549	-1.15%	0.130047	0.135990	-0.005944	-4.37%
Large	0.123206	0.128203	-0.004997	-3.90%	0.115697	0.133858	-0.018161	-13.57%
Public St. Lites	0.584018	0.581592	0.002426	0.42%	0.592878	0.611556	-0.018679	-3.05%
<b>Sub-total</b>	<b>0.149872</b>	<b>0.150927</b>	<b>-0.001054</b>	<b>-0.70%</b>	<b>0.145181</b>	<b>0.155128</b>	<b>-0.009947</b>	<b>-6.41%</b>
<b>Total-Civilian</b>	<b>0.112038</b>	<b>0.113799</b>	<b>-0.001761</b>	<b>-1.55%</b>	<b>0.108136</b>	<b>0.114468</b>	<b>-0.006331</b>	<b>-5.53%</b>
USN	0.062008	0.062303	-0.000295	-0.47%	0.057510	0.062978	-0.005468	-8.68%
<b>Grand Total</b>	<b>0.102013</b>	<b>0.103382</b>	<b>-0.001369</b>	<b>-1.32%</b>	<b>0.098389</b>	<b>0.103806</b>	<b>-0.005417</b>	<b>-5.22%</b>
<b>Non-Oil Revenues</b>								
Residential	37,127,934	32,500,561	4,627,372	14.24%	4,911,378	4,778,708	132,669	2.78%
Residential - Apt & Condo	47,977	-	47,977	#DIV/0!	47,977	-	47,977	#DIV/0!
Small General-Non-Demand	6,756,113	5,862,664	893,450	15.24%	1,006,346	731,974	274,372	37.48%
Small General-Demand	14,460,497	15,002,938	(542,442)	-3.62%	1,839,139	1,824,104	15,035	0.82%
Large	15,680,155	19,603,455	(3,923,300)	-20.01%	1,992,258	2,257,361	(265,103)	-11.74%
Independent Power Producers	30,616	32,814	(2,199)	-6.70%	2,759	5,441	(2,682)	-49.29%
Private St. Lites	164,883	164,035	848	0.52%	20,252	20,260	(8)	-0.04%
<b>Sub-total</b>	<b>74,268,174</b>	<b>73,166,467</b>	<b>1,101,707</b>	<b>1.51%</b>	<b>9,820,109</b>	<b>9,617,848</b>	<b>202,261</b>	<b>2.10%</b>
Government								
Small_Non Demand	1,096,508	915,669	180,839	19.75%	159,700	111,291	48,409	43.50%
Small-Demand	8,830,350	8,959,924	(129,574)	-1.45%	1,225,880	1,107,894	117,986	10.65%
Large	4,587,963	5,741,564	(1,153,601)	-20.09%	498,333	669,585	(171,252)	-25.58%
Public St. Lites	2,740,476	2,741,098	(623)	-0.02%	342,050	340,982	1,069	0.31%
<b>Sub-total</b>	<b>17,255,297</b>	<b>18,358,256</b>	<b>(1,102,959)</b>	<b>-6.01%</b>	<b>2,225,963</b>	<b>2,229,752</b>	<b>(3,789)</b>	<b>-0.17%</b>
<b>Total-Civilian</b>	<b>91,523,471</b>	<b>91,524,723</b>	<b>(1,252)</b>	<b>0.00%</b>	<b>12,046,071</b>	<b>11,847,600</b>	<b>198,472</b>	<b>1.68%</b>
USN	12,693,500	12,706,510	(13,010)	-0.10%	1,527,635	1,702,227	(174,592)	-10.26%
<b>Grand Total</b>	<b>104,216,971</b>	<b>104,231,232</b>	<b>(14,261)</b>	<b>-0.01%</b>	<b>13,573,706</b>	<b>13,549,827</b>	<b>23,880</b>	<b>0.18%</b>
% of Total Revenues								
<b>Oil Revenues</b>								
Residential	36,937,151	45,429,603	(8,492,452)	-18.69%	5,649,206	5,513,436	135,770	2.46%
Residential - Apt & Condo	59,455	-	59,455	#DIV/0!	59,455	-	59,455	#DIV/0!
Small General-Non-Demand	4,652,758	5,512,462	(859,703)	-15.60%	777,796	536,831	240,966	44.89%
Small General-Demand	12,033,245	16,722,792	(4,689,547)	-28.04%	1,749,066	1,602,914	146,152	9.12%
Large	13,896,029	25,193,606	(11,297,577)	-44.84%	2,016,415	2,137,085	(120,671)	-5.65%
Independent Power Producers	27,277	34,753	(7,476)	-21.51%	2,262	3,983	(1,721)	-43.21%
Private St. Lites	24,825	36,267	(11,442)	-31.55%	3,380	3,432	(52)	-1.51%
<b>Sub-total</b>	<b>67,630,739</b>	<b>92,929,482</b>	<b>(25,298,743)</b>	<b>-27.22%</b>	<b>10,257,580</b>	<b>9,797,682</b>	<b>459,898</b>	<b>4.69%</b>
Government								
Small_Non Demand	655,087	777,168	(122,081)	-15.71%	109,211	73,402	35,810	48.79%
Small-Demand	6,361,875	9,229,818	(2,867,943)	-31.07%	1,007,605	896,472	111,132	12.40%
Large	3,500,176	6,182,347	(2,682,170)	-43.38%	454,674	544,435	(89,761)	-16.49%
Public St. Lites	446,257	652,168	(205,912)	-31.57%	61,669	61,354	315	0.51%
<b>Sub-total</b>	<b>10,963,395</b>	<b>11,751,810</b>	<b>(788,415)</b>	<b>-6.71%</b>	<b>1,633,159</b>	<b>1,575,663</b>	<b>57,496</b>	<b>3.65%</b>
<b>Total-Civilian</b>	<b>78,594,134</b>	<b>75,382,732</b>	<b>3,211,402</b>	<b>4.26%</b>	<b>11,890,739</b>	<b>11,373,345</b>	<b>517,394</b>	<b>4.55%</b>
USN	23,232,128	24,923,875	(1,691,748)	-6.79%	3,656,458	2,628,135	1,028,323	39.13%
<b>Grand Total</b>	<b>101,826,262</b>	<b>100,306,608</b>	<b>1,519,654</b>	<b>1.52%</b>	<b>15,547,197</b>	<b>14,001,479</b>	<b>1,545,717</b>	<b>11.04%</b>
% of Total Revenues								
<b>Grand Total</b>								
Residential	74,065,085	77,930,164	(3,865,079)	-4.96%	10,560,583	10,292,144	268,439	2.61%
Residential - Apt & Condo	107,432	-	107,432	#DIV/0!	107,432	-	107,432	#DIV/0!
Small General-Non-Demand	11,408,872	11,375,125	33,746	0.30%	1,784,142	1,268,804	515,338	40.62%
Small General-Demand	26,493,742	31,725,731	(5,231,989)	-16.49%	3,588,205	3,427,018	161,187	4.70%
Large	29,576,183	44,797,061	(15,220,877)	-33.98%	4,008,672	4,394,446	(385,774)	-8.78%
Independent Power Producers	57,892	67,567	(9,675)	-14.32%	5,021	9,424	(4,403)	-46.72%
Private St. Lites	189,708	200,301	(10,593)	-5.29%	23,633	23,692	(59)	-0.25%
<b>Sub-total</b>	<b>141,898,913</b>	<b>166,095,949</b>	<b>(24,197,035)</b>	<b>-14.57%</b>	<b>20,077,688</b>	<b>19,415,530</b>	<b>662,159</b>	<b>3.41%</b>
Government								
Small_Non Demand	1,751,595	1,692,837	58,758	3.47%	268,911	184,693	84,218	45.60%
Small-Demand	15,192,225	18,189,742	(2,997,517)	-16.48%	2,233,484	2,004,367	229,118	11.43%
Large	8,088,139	11,923,911	(3,835,771)	-32.17%	953,007	1,214,020	(261,013)	-21.50%
Public St. Lites	3,186,732	3,393,267	(206,534)	-6.09%	403,719	402,336	1,384	0.34%
<b>Sub-total</b>	<b>28,218,692</b>	<b>35,199,757</b>	<b>(6,981,065)</b>	<b>-19.83%</b>	<b>3,859,122</b>	<b>3,805,415</b>	<b>53,707</b>	<b>1.41%</b>
<b>Total-Civilian</b>	<b>170,117,605</b>	<b>201,295,706</b>	<b>(31,178,101)</b>	<b>-15.49%</b>	<b>23,936,810</b>	<b>23,220,945</b>	<b>715,866</b>	<b>3.08%</b>
USN	35,925,628	37,630,385	(1,704,757)	-4.53%	5,184,093	4,330,362	853,731	19.72%
<b>Grand Total</b>	<b>206,043,233</b>	<b>238,926,091</b>	<b>(32,882,858)</b>	<b>-13.76%</b>	<b>29,120,903</b>	<b>27,551,306</b>	<b>1,569,597</b>	<b>5.70%</b>

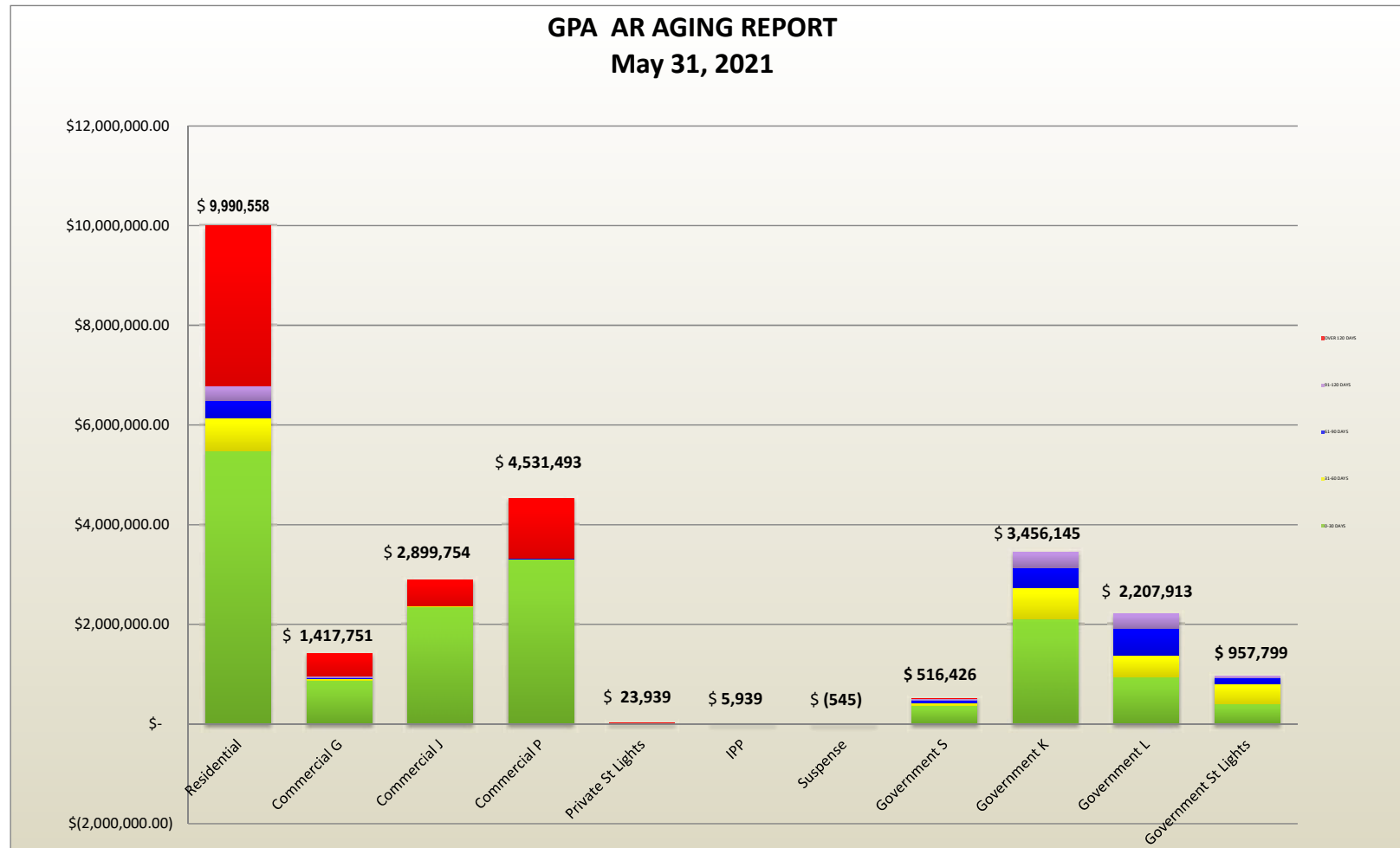






**GPA - Station Usage(MWH) Without Renewables and Aggreko  
For the Last 5 Years Thru 05.31.21-Moving 12 Months**





**ACCOUNTS RECEIVABLE BY RATE - ACTIVE**  
**AR AGING REPORT**  
**AS OF May 31, 2021**

GL ACCOUNT	RATE	TOTAL DUE	0-30 DAYS	31-60 DAYS	61-90 DAYS	91-120 DAYS	OVER 120 DAYS
1000.142000.10	Residential - R	\$ 8,696,592.67	5,381,044.41	473,742.14	213,227.71	191,939.76	2,436,638.65
1000.142000.11	Residential - PP	\$ 1,196,153.43	-	198,403.48	121,308.84	104,788.47	771,652.64
1000.142000.17	Residential - D	\$ 97,812.43	97,812.43	-	-	-	-
1000.142000.12	Commercial G	\$ 1,417,750.89	870,524.83	41,755.16	23,260.95	30,537.89	451,672.06
1000.142000.13	Commercial J	\$ 2,899,754.11	2,354,844.78	7,123.90	5,507.29	9,738.79	522,539.35
1000.142000.14	Commercial P	\$ 4,531,492.73	3,308,131.48	5,077.01	4,794.60	4,797.94	1,208,691.70
1000.142000.15	Private St Lights	\$ 23,586.65	11,312.96	2,240.74	701.58	384.91	8,946.46
1000.142000.16	IPP	\$ 5,939.21	5,420.87	-	163.16	165.06	190.12
1000.142000.98	Suspense	\$ (545.28)	(545.28)	-	-	-	-
	<b>TOTAL PRIVATE</b>	<b>\$ 18,868,536.84</b>	<b>\$ 12,028,546.48</b>	<b>\$ 728,342.43</b>	<b>\$ 368,964.13</b>	<b>\$ 342,352.82</b>	<b>\$ 5,400,330.98</b>
1000.142000.19	Government S	\$ 516,426.47	\$ 367,915.87	\$ 56,519.50	\$ 47,729.42	\$ 37,342.20	\$ 6,919.48
1000.142000.20	Government K	\$ 3,456,145.20	\$ 2,104,927.49	\$ 628,248.90	\$ 408,333.72	\$ 314,635.09	\$ 0.00
1000.142000.21	Government L	\$ 2,207,912.98	\$ 951,909.38	\$ 430,547.66	\$ 542,283.14	\$ 283,172.80	\$ 0.00
1000.142000.22	Government St Lights	\$ 957,799.37	\$ 405,513.00	\$ 404,198.13	\$ 113,306.30	\$ 34,781.94	\$ 0.00
	<b>TOTAL GOVERNMENT</b>	<b>\$ 7,138,284.02</b>	<b>\$ 3,830,265.74</b>	<b>\$ 1,519,514.19</b>	<b>\$ 1,111,652.58</b>	<b>\$ 669,932.03</b>	<b>\$ 6,919.48</b>
	<b>GRAND TOTAL</b>	<b>\$ 26,006,820.86</b>	<b>\$ 15,858,812.22</b>	<b>\$ 2,247,856.62</b>	<b>\$ 1,480,616.71</b>	<b>\$ 1,012,284.85</b>	<b>\$ 5,407,250.46</b>
					\$ 19,587,285.55		
	Total Residential	\$ 9,892,746.10	\$ 5,381,044.41	\$ 672,145.62	\$ 334,536.55	\$ 296,728.23	\$ 3,208,291.29



# GPA Work Session - July 22, 2021 - DIVISION REPORTS

GUAM POWER AUTHORITY  
GOVERNMENT ACCOUNTS RECEIVABLE  
Billing up to JUNE 30, 2021 and payments as of 07/13/2021

Current (06/30/2021 Billing due 07/30/2021)  
31 days Arrears 05/31/2021 due 06/30/2021)  
61 days and over Arrears (04/30/21 billing due 05/31/2021)

CCAR New Acc Number	DEPARTMENT	CCAR BALANCE 05/31/2021	CANCEL/REHIL/ SPEC CHARGE	BILLING 06/30/2021	PAYMENT UP TO 07/13/2021	CCAR BALANCE 07/13/2021
------------------------	------------	----------------------------	------------------------------	-----------------------	-----------------------------	----------------------------

## Line Agencies

040311949	LINE Guam Environmental Protect	6,017.66	-	6,363.76	(6,017.66)	6,363.76
455408080	LINE Nieves Flores Library	25,855.51	-	12,136.61	(12,824.61)	25,167.91
609461950	LINE Dept of Youth Affairs (Federal)	373.25	-	333.26	(373.25)	333.26
629341000	LINE Office of the Governor	19,610.88	-	20,043.72	(19,610.88)	20,043.72
684100043	LINE Guam Behavioral Health & Wellness	4,121.04	-	2,188.94	(4,121.04)	2,188.94
792892434	LINE Guam Visitors Bureau	7,465.25	(3,293.65)	4,151.85	(4,171.60)	4,151.85
122775982	LINE Mental Health/Subst.	44,399.66	-	46,562.19	(44,399.66)	46,562.19
781316580	LINE Pacific Energy Resource Center	508.27	-	558.46	(508.27)	558.46
291346157	LINE Dept. of Youth Affairs (Local)	12,354.51	-	13,721.23	(12,354.51)	13,721.23
107343028	LINE Dept. of Corrections	66,683.65	-	67,480.19	(66,683.65)	67,480.19
355873370	LINE Dept of Chamorro Affairs/Chamorro Village (N	14.16	-	14.16	-	14.16
1099514147	LINE Dept of Chamorro Affairs/Repository	249.65	-	259.38	(249.65)	259.38
2541109130	LINE General Services Agency	976.43	-	244.04	(976.43)	244.04
766370671	LINE Yona Senior Citizen Center	602.11	-	661.88	-	1,263.99
8654647941	LINE DGA Supply Mgmt (NET METERED)	2,097.94	-	1,043.62	(1,116.45)	2,025.11
007086177	LINE Veteran Affairs	1,885.07	-	1,982.06	(1,885.07)	1,982.06
234721000	LINE Mayors Council	16,608.71	-	2,767.50	-	19,376.21
4129948191	LINE Dept of Chamorro Affairs/Chamorro Village	2,518.70	-	2,518.70	-	2,518.70
421873236	LINE Dept. of Administration	2,855.93	-	2,855.93	-	2,855.93
1621790133	LINE DGA-Data Processing	16,638.63	-	8,514.44	(16,638.63)	8,514.44
159518869	LINE Dept. of Agriculture	10,960.14	-	11,053.15	(10,960.14)	11,053.15
8300435373	LINE Civil Defense (Military Affairs)	29,562.35	-	9,668.67	(19,893.50)	19,337.52
0453170939	LINE Guam Fire Department	15,782.58	-	16,068.08	(15,782.58)	16,068.08
8555858469	LINE Dept of Chamorro Affairs (Guam Museum)	17,850.11	-	18,979.94	(17,850.11)	18,979.94
1896087753	LINE Dept. of Parks & Rec.	31,568.91	-	39,044.75	-	39,044.75
0040515913	LINE Dept. of Parks & Rec.	11,672.21	-	12,685.84	(11,672.21)	12,685.84
2353590089	LINE DPW-FAC Adm Account	30,295.49	506.45	30,437.30	(30,295.49)	30,943.75
252821074	LINE Dept. of Education	3,175,575.15	-	821,400.24	(1,590,981.95)	2,405,993.44
456606862	LINE Guam Police Department	85,670.01	-	82,765.33	-	82,765.33
Sub-total		3,641,953.33	(2,787.20)	1,190,986.70	(1,964,731.76)	2,865,421.07

## Mayors

8393530237	MAY Hagatna Mayor	652.36	-	788.28	-	1,440.64
4469572998	MAY Merizo Mayor	1,099.93	-	696.85	-	1,797.78
1880297633	MAY Talofofo Mayor	1,246.37	-	1,267.92	-	2,514.29
0492244686	MAY Agaña/Mano/Adelup Mayor	1,077.42	-	1,135.32	-	2,212.74
879380894	MAY Piti Mayor	907.62	-	1,280.80	-	2,188.42
7202265287	MAY Umatac Mayor	857.38	-	861.76	-	1,719.14
1837525565	MAY Yona Mayor	1,259.97	-	1,154.89	-	2,414.86
5763167341	MAY Barrigada Mayors Office	2,148.20	-	2,174.54	-	4,322.74
8715625255	MAY Mangrovia/Toto/Marte Mayor	1,990.22	-	1,758.77	-	3,748.99
7037924546	MAY Igo Mayor	2,301.05	-	2,557.04	-	4,858.09
8433959204	MAY Sinajana Mayor	2,813.74	-	3,091.32	-	5,905.06
8472200155	MAY Agaña Hts. Mayor	3,667.30	-	7,082.64	-	7,082.64
2832327736	MAY Santa Rita Mayor	3,280.23	-	3,233.58	-	6,443.81
3631827596	MAY Mangilao Mayor	2,523.57	-	2,828.68	-	5,352.25
8041715847	MAY Dedado Mayor	4,859.68	-	5,054.83	-	9,914.51
8957205325	MAY Tamuning Mayor	5,529.03	-	5,133.44	-	10,662.47
4078248037	MAY Inarajan Mayor	3,007.63	-	2,908.38	-	5,916.21
7247791682	MAY Agat Mayor	2,867.94	-	2,718.86	-	5,586.80
9351070242	MAY Ordoz/Chalan Pago Mayor	1,996.69	-	954.54	-	2,351.23
Sub-total		43,407.33	-	43,015.14	-	86,422.47

## DPW Accounts

0832898062	DPW DPW-Signal Lights	8,231.15	179.48	8,427.51	-	16,838.14
0930559866	DPW DPW-Primary St. Lights	244,764.09	-	68,431.06	(68,779.58)	244,415.57
3045433600	DPW DPW-Village St. Lights	675,031.16	(131.32)	309,735.42	(312,196.08)	672,439.18
2088040552	DPW DPW-Sec/Coil St. Lights	65,209.04	-	18,963.58	-	64,072.62
Sub-total		973,235.44	48.16	405,457.57	(380,975.66)	997,765.51

## Autonomous/Public Corp

8838499549	AUT Guam Waterworks Authority	1,035,911.19	249.90	1,061,863.86	(1,035,911.19)	1,062,113.76
154062986	AUT Retirement Fund	5,891.12	-	5,969.10	(5,891.12)	5,969.10
4075914809	AUT DPA	-	(83,909.78)	83,909.78	-	-
5357510000	AUT University of Guam (NET METERED)	62,962.49	-	64,471.51	(62,962.49)	64,471.51
8518220019	AUT Guam Community College	31,504.76	50.00	38,958.79	(33,554.76)	38,958.79
7761626204	AUT Guam Airport Authority	373,266.10	-	374,151.18	(373,266.10)	374,151.18
8302337726	AUT Guam Memorial Hospital	90,374.75	-	31,538.16	(29,010.07)	92,902.84
8426836906	AUT Guam Memorial Hospital (NET METERED)	390,624.22	-	134,231.90	(120,389.84)	404,466.28
8157510000	AUT Guam Community College (NET METERED)	29,519.49	-	30,332.99	(29,519.49)	30,332.99
2563872892	AUT Guam Housing Corp Rental Division	967.33	-	963.67	(1,931.00)	-
9173210000	AUT Guam Solid Waste Authority	5,527.77	-	5,527.77	-	5,527.77
5434075703	AUT University of Guam	152,226.38	-	152,162.58	(155,226.38)	152,162.58
1099407298	AUT U.S. H. R. A.	23,068.93	(1,490.10)	23,780.63	(28,478.18)	16,821.30
447850844	AUT Port Authority of Guam	52,166.51	2,458.11	57,857.36	-	112,461.98
Sub-total		2,258,897.05	(82,661.87)	2,065,699.28	(1,881,564.38)	2,360,370.08

## Others

020463043	OTH Dept. of Military Affairs (NET METERED)	16,358.43	-	17,782.78	(16,358.43)	17,782.78
4530787043	OTH U.S. Post Office	38,028.14	-	38,028.14	-	38,028.14
6000770566	OTH KGTF	19,822.23	-	6,827.35	(6,330.71)	20,318.87
8602566745	OTH Tamuning Post Office	5,437.08	-	5,185.36	(5,437.08)	5,185.36
7541918173	OTH Guam Legislature	362.08	-	410.98	(362.08)	410.98
8108458168	OTH Guam Post Office (Agaña)	6,034.11	-	6,230.93	(6,034.11)	6,230.93
8353274954	OTH Superior Court of Guam	53,805.51	-	51,956.26	(53,805.51)	51,956.26
8607446612	OTH Dept. of Military Affairs	71,931.85	(2.00)	71,665.56	(71,929.85)	71,665.56
8572267605	OTH Customs & Quarantine Agency	936.54	-	933.79	(936.54)	933.79
9503154359	OTH Guam Legislature (NET METERED)	7,769.53	-	7,769.53	-	7,769.53
Sub-total		220,790.87	(2.00)	206,490.68	(207,297.35)	219,982.20

Grand Total	7,138,284.02	(85,402.91)	3,911,649.37	(4,434,569.15)	6,529,961.33
-------------	--------------	-------------	--------------	----------------	--------------

## AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
6,363.76	-	-	-	-	6,363.76
12,136.61	12,729.83	301.47	-	-	25,167.91
-	-	-	-	-	333.26
-	-	-	-	-	20,043.72
-	-	-	-	-	2,188.94
-	-	-	-	-	4,151.85
-	-	-	-	-	46,562.19
-	-	-	-	-	558.46
-	-	-	-	-	13,721.23
-	-	-	-	0.00	67,480.19
-	-	-	-	-	14.16
-	-	-	-	-	259.38
-	-	-	-	-	244.04
-	-	-	-	-	1,263.99
-	-	-	-	-	2,025.11
-	-	-	-	-	1,982.06
-	2,767.50	2,591.36	2,380.26	9,034.62	19,376.21
-	-	-	-	-	2,518.70
-	-	-	-	-	2,855.93
-	-	-	-	-	8,514.44
-	-	-	-	-	11,053.15
-	-	-	-	-	9,668.67
-	-	-	-	-	16,068.08
-	-	-	-	-	18,979.94
-	-	-	-	-	31,937.53
-	-	-	-	-	12,685.84
-	-	-	-	-	30,943.75
-	-	-	-	-	821,400.24
-	-	-	-	-	82,765.33
1,191,493.15	943,433.28	719,079.76	2,380.26	9,034.62	2,865,421.07

788.28	652.36	-	-	-	1,440.64
696.85	1,099.93	-	-	-	1,797.78
1,267.92	1,246.37	-	-	-	2,514.29
1,135.32	1,077.42	-	-	-	2,212.74
1,280.80	907.62	-	-	-	2,188.42
861.76	857.38	-	-	-	1,719.14
1,154.89	1,259.97	-	-	-	2,414.86
2,174.54	2,148.20	-	-	-	4,322.74
1,758.77	1,990.22	-	-	-	3,748.99
2,557.04	2,301.05	-	-	-	4,858.09
3,091.32	2,813.74	-	-	-	5,905.06
3,415.34	3,667.30	-	-	-	7,082.64
3,233.58	3,280.23	-	-	-	6,443.81
2,828.68	2,523.57	-	-	-	5,352.25
5,054.83	4,859.68	-	-	-	9,914.51
5,133.44	5,529.03	-	-	-	10,662.47
2,908.38	3,007.63	-	-	-	5,916.21
2,718.86	2,867.94	0.00	-	-	5,586.80
954.54	798.88	597.81	-	-	2,351.23
43,015.14	42,809.52	597.81	-	-	86,422.47

8,606.99	8,231.15	-	-	-	16,838.14
68,431.06	68,779.58	70,268.44	36,936.49	0.00	244,415.57
309,735.42	312,196.08	50,507.68	-	0.00	672,439.18
18,963.58	18,992.36	19,416.75	6,799.01	-	64,072.62
405,637.05	408,200.09	140,192.87	43,735.50	0.00	997,765.51

1,062,113.76	-	0.00	-	0.00	1,062,113.76
5,969.10	-	-	-	-	5,969.10
-	-	-	-	-	-
-	-	-	-	-	-
64,471.51	-	-	-	-	64,471.51
38,958.79	-	-	-	-	38,958.79
374,151.18	-	-	-	-	374,151.18
31,538.16	31,783.44	29,157.29	423.95	-	92,902.84
134,231.90	133,236.78	136,997.60	-	-	404,466.28
30,332.99	-	-	-	-	30,332.99
5,527.77	-	-	-	-	5,527.77
152,162.58	-	-	-	-	152,162.58
16,821.30	-	-	-	-	16,821.30
60,295.47	52,166.51	-	-	-	112,461.98
1,976,604.51	217,186.73	166,154.89	423.95	0.00	2,360,370.08

17,782.78	-	-	-	-	17,782.78
38,028.14	-	-	-	-	38,028.14
6,827.35	6,605.78	6,885.74	-	-	20,318.87
5,185.36	-	-	-	-	5,185.36
410.98	-	-	-	-	410.98
6,230.93	-	-	-	-	6,230.93
51,956.26	-	-	-	-	51,956.26
71,665.56	-	-	-	-	71,665.56
633.79	-	-	-	-	633.79
7,769.53	-	-	-	-	7,769.53
206,490.68	6,605.78	6,885.74	-	-	219,982.20