



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority

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

GUAM POWER AUTHORITY WORK SESSION

CCU Conference Room

4:30 p.m., August 19, 2021

AGENDA

1. CALL TO ORDER

2. ISSUES FOR DECISION

- 2.1 [Relative to Governor's Executive Order on Mandatory Vaccination for Employees of GPA and GWA / GPA Resolution 2021-22 & GWA Resolution 25-FY2021](#)
- 2.2 [Approval of FY2022-2023 GPA Budgets / Resolution 2021-23](#)

3. GM REPORT 2021

- 3.1 [Updates](#)

4. ISSUES FOR DISCUSSION

- 4.1 [GPA & GDOE Partnership Draft Memorandum of Agreement](#)
- 4.2 [KEPCO 60MW Solar PV Plant Update](#)

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: August 24th](#)

8. ADJOURNMENT



GUAM POWER AUTHORITY

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

Issues for Decision

GPA Resolution No. 2021-22 & GWA Resolution No. 25-FY2021

Relative to Requiring GPWA Employees to be Fully Vaccinated Against SARS-CoV-2

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

The objective of this resolution is to address the recent surge in positive cases island-wide, align GPWA's protective health & safety measures with federal guidance, and comply with the Occupational Safety and Health Administration's (OSHA) General Duty Clause which protects workers from serious and recognized workplace hazards even where there is no standard. The policy is also necessary and urgent to ensure no disruptions to the Power, Water and Wastewater systems and to protect GPWA personnel and the public who are visiting GPWA facilities from contracting COVID-19.

Where is the location?

This action affects GPWA employees in all locations.

When will it be completed?

Compliance with the mandatory vaccination policy is required of all GPWA employees by October 1, 2021.



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GWA RESOLUTION NO. 25-FY2021
GPA RESOLUTION NO. 2021-22

RELATIVE TO REQUIRING GPWA EMPLOYEES TO BE FULLY VACCINATED
AGAINST SARS-CoV-2

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

WHEREAS, pursuant to Public Law 28-159 and Title 12, Chapter 14 of the Guam Code Annotated, the Consolidated Commission on Utilities has the power and authority to establish policies for the Guam Power Authority and the Guam Waterworks Authority (“GPWA”) which includes terms and conditions of employment applicable to all Certified, Technical and Professional employees; and

WHEREAS, the Guam Power Authority and the Guam Waterworks Authority are Guam Public Corporations established and existing under the laws of Guam; and

WHEREAS, the island of Guam achieved the community goal of 80% adult vaccinations, which allowed for the reopening of the island's economy, removing social gathering limitations and capacity limitations at local establishments, while maintaining a mask mandate; and

WHEREAS, notwithstanding the achievement of this goal, tens of thousands of individuals remain unvaccinated, which renders them still vulnerable to infection, to suffering severe symptoms once infected, and to infecting others; and

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1 **WHEREAS**, notwithstanding the high level of vaccinations within the community, there
2 is a surge in positive cases on the island, with daily new cases averaging 24 during the last 14 days;
3 and

4
5 **WHEREAS**, unvaccinated individuals in Guam presently test positive for COVID- 19 at
6 a rate that is thirteen (13) times higher than fully vaccinated individuals; and

7
8 **WHEREAS**, on May 28, 2021, the U.S. Equal Employment Opportunity Commission
9 ("EEOC") issued technical guidance clarifying that federal EEO laws do not prevent employers
10 from requiring all employees physically entering the workplace to be vaccinated for COVID-19,
11 subject to reasonable accommodations as provided in Title VII of the Americans with Disabilities
12 Act and other federal employment discrimination laws, which may require an employer to provide
13 reasonable accommodations for employees who do not get vaccinated for COVID- 19 because of
14 a disability or a sincerely held religious belief, practice or observance; and

15
16 **WHEREAS**, on July 26, 2021, the U.S. Department of Justice issued a Memorandum
17 Opinion concluding that Section 564 of the Federal Food, Drug and Cosmetic Act permits public
18 and private employers alike to impose the COVID-19 vaccination as a condition of employment
19 even when the vaccine is subject to Emergency Use Authorization; and

20
21 **WHEREAS**, multiple attempts through the judicial process to prevent both an employer
22 and university from mandating vaccinations have failed, reinforcing the guidance provided by the
23 U.S. Department of Justice; and

24
25 **WHEREAS**, GPWA is obligated to maintain compliance with the Occupational Safety
26 and Health Administration's (OSHA) General Duty Clause which protects workers from serious
27 and recognized workplace hazards even where there is no standard; and,

28
29 **WHEREAS**, the eighteen percent (18%) of essential GPA personnel and the thirty-two
30 percent (32%) of essential GWA Water and Wastewater Division personnel remain unvaccinated
31 and pose a risk to system operations should a COVID-19 outbreak occur within any section; and
32

1 **WHEREAS**, a mandatory vaccination policy is necessary to ensure no disruptions to the
2 Power, Water and Wastewater systems and to protect GPWA personnel and the public who are
3 visiting GPWA facilities from contracting COVID-19.

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

- 6 1. The recitals set forth above hereby constitute the findings of the CCU.
- 7 2. GPWA Management shall immediately develop and implement a Mandatory
8 Vaccination Policy that aligns with federal technical guidance and U.S.
9 Department of Justice memoranda.
- 10 3. GPWA Personnel must be in compliance with the Mandatory Vaccination
11 Policy by October 1, 2021.

12
13 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
14 of this Resolution.

15
16 **DULY AND REGULARLY ADOPTED**, this 24th day of August, 2021.

17
18 Certified by:

Attested by:

19
20 _____
21 **JOSEPH T. DUENAS**
22 Chairperson

20 _____
21 **MICHAEL T. LIMTIACO**
22 Secretary

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SECRETARY’S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

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

AYES: _____

NAYS: _____

ABSENT: _____

ABSTAIN: _____

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Proposed 2022-2023 Budget

(in '000)	FY2020 Approved	FY2021 Adjusted *	FY2021 Projected	FY2022 Proposed	FY2023 Proposed
REVENUES					
Existing Base Rate Revenues	\$ 163,763	\$ 155,000	\$ 155,000	\$ 156,200	\$ 160,800
Fuel Revenues	270,418	226,023	197,454	249,186	236,432
Miscellaneous Revenues	<u>2,160</u>	<u>2,160</u>	<u>1,769</u>	<u>2,160</u>	<u>2,212</u>
Total Revenues	436,341	383,183	354,223	407,546	399,444
Bad Debt Expense	<u>(1,091)</u>	<u>(1,045)</u>	<u>(1,063)</u>	<u>(1,223)</u>	<u>(1,198)</u>
Net Operating Revenues	435,250	382,138	353,160	406,324	398,245
 Production Fuel	 270,418	 226,023	 197,454	 249,186	 236,432
IPP	11,586	12,060	12,055	12,810	13,996
O&M EXPENSES					
Diesel Units And operating supplies	6,848	7,533	6,399	6,386	6,631
Utilities - Water & Communications	2,898	3,233	2,621	2,988	3,137
Workforce - Personnel & Apprentices	43,522	45,545	46,276	47,953	50,554
Contractual	17,801	14,243	12,068	15,672	16,418
Administrative & General	<u>9,287</u>	<u>8,869</u>	<u>8,530</u>	<u>9,184</u>	<u>9,695</u>
Total O&M Expenses	80,356	79,423	75,894	82,182	86,435
Depreciation	<u>42,518</u>	<u>39,490</u>	<u>38,706</u>	<u>40,254</u>	<u>41,864</u>
Total Operating Expenses	404,877	356,995	324,109	384,433	378,727
Earnings From Operations	30,373	25,142	29,051	21,891	19,519
Interest and other income (expenses)	<u>(24,111)</u>	<u>(24,183)</u>	<u>(24,074)</u>	<u>(23,674)</u>	<u>(22,509)</u>
Net Earnings	6,262	960	4,977	(1,783)	(2,990)



* FY2021 approved fuel budget was \$191,023. \$35 million adjustment was approved.



Proposed 2022-2023 Budget - Debt Services

(Principal & Interest) in '000	FY 2021 Projected	FY 2022 Projected	FY 2023 Projected
2012 Revenue Bond	\$ 35,232	\$ 34,005	\$ 31,469
2014 Revenue Bond	\$ 5,086	\$ 5,086	\$ 5,083
2017 Revenue Bond	\$ 7,418	\$ 7,733	\$ 11,452
Total	\$ 47,736	\$ 47,824	\$ 48,004
Debt Service Coverage (Bond Method)	1.44	1.32	1.30
Debt Service Coverage (S&P Method)	1.40	1.32	1.30

Proposed 2022-2023 Budget - Base Revenue

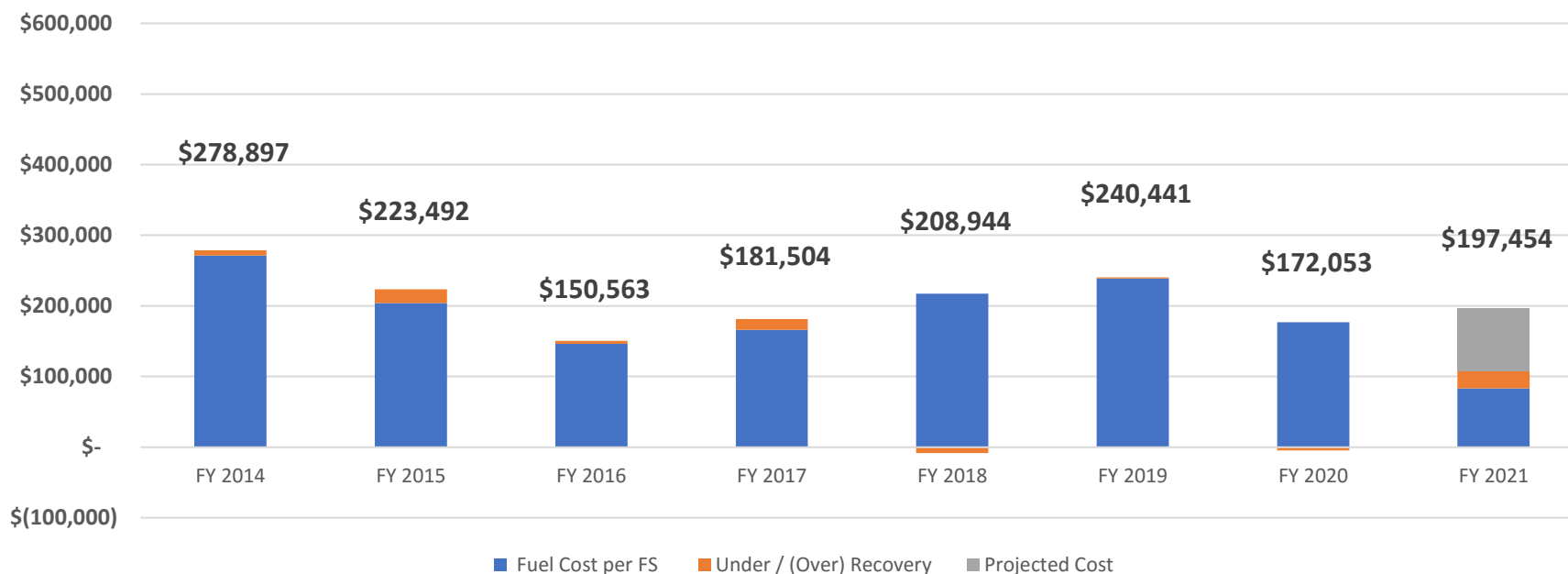
In '000	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual	FY 2021 Projected	FY 2023 Proposed	FY 2023 Proposed
Base Revenue	\$ 161,008	\$ 160,865	\$156,709	\$ 155,000	\$156,000	\$160,800



Proposed 2022-2023 Budget - LEAC

Period	Projected mWh Sales	LEAC Rate	(in '000) Fuel Revenues	Period	Projected mWh Sales	LEAC Rate	(in '000) Fuel Revenues
Oct 2021 - Jan 2022	498,717	\$ 0.150800	\$ 75,207	Oct 2022 - Jan 2023	516,806	\$ 0.1508	\$ 77,934
Feb 2022 - Jul 2022	763,387	\$ 0.171458	130,889	Feb 2023 - Jul 2023	791,044	\$ 0.1508	119,289
Aug 2022 - Sep 2022	251,321	\$ 0.171458	43,091	Aug 2023 - Sep 2023	260,000	\$ 0.1508	39,208
Total	1,513,425		\$ 249,186				\$ 236,431

Fuel Cost - Net of under / (over) recovery



Operating Expenses Budget – Workforce

	FY18	FY19	FY20	FY21	FY22	FY23
APPROVED FTE	510	500	490	490	490	490
ACTUAL FTE (at year-end)	464	454	443	430		

In '000	FY2020 Approved	FY2021 Approved	FY2021 Projected	FY2022 Proposed	FY2023 Proposed
Salaries & Wages	\$ 32,427	\$ 33,812	\$ 34,015	\$ 34,583	\$ 36,567
Employee Benefits	10,995	11,859	11,068	11,948	12,571
Retiree Benefits	<u>4,800</u>	<u>4,583</u>	<u>4,583</u>	<u>4,600</u>	<u>4,784</u>
Total Labor & Benefits	48,222	50,254	49,666	51,131	53,922
Less Capitalized Labor	<u>(6,484)</u>	<u>(6,590)</u>	<u>(4,948)</u>	<u>(6,093)</u>	<u>(6,459)</u>
Total Personnel	41,738	43,664	44,718	45,038	47,463
Apprentice labor	1,784	1,881	1,559	1,914	1,991
Workforce Interns	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,000</u>	<u>1,100</u>
Total Workforce contracts	1,784	1,881	1,559	2,914	3,091
Total Work Force	\$ 43,522	\$ 45,545	\$ 46,277	\$ 47,953	\$ 50,554

Operating Expenses Budget

	FY 2020 Approved	FY 2021 Approved	FY 2021 Projected	FY 2022 Proposed	FY 2022 Proposed
Fixed Management Fee	\$ 2,503	\$ 2633	\$ 2,660	\$ 2,770	\$ 2,853
Software & Network Maintenance	\$ 1,713	\$ 1,393	\$ 1,678	\$ 2,148	\$ 2,234
Security Guard/Armored Car	\$ 1,377	\$ 1,166	\$ 866	\$ 1,028	\$ 1,069
USDA snake control	\$ 219	\$ 220	\$ 246	\$ 246	\$ 258
Vegetation Management	\$ 475	\$ 407	\$ 94	\$ 347	\$ 499
Diesel units (Aggreko Units)	\$ 3,368	\$ 4,531	\$ 3,398	\$ 3,157	\$ 3,315
Utilities - Water	\$ 2,340	\$ 2,700	\$ 2,200	\$ 2,501	\$ 2,626
Insurance - Property, Casualty & Workmen's Comp	\$6,487	\$6,592	\$6,538	\$6,868	\$7,212

Proposed FY 2022-2023 CapEx

	FY2020 Approved	FY2021 Approved	FY2021 Adjusted **	FY2021 Projected Year End	CARRYOVER	FY2022 Proposed Budget	FY2023 Proposed Budget
Overhaul	\$ 8,854,275	\$ 10,219,105	\$ 7,767,322	\$ 3,111,476	\$ 4,337,725	\$ 14,900,505	\$ 8,491,359
Network							
SCADA, Advanced Meter							
Infrastructure, E1 Enhancement and	4,153,382	2,846,907	1,675,431	884,344	324,000	3,390,508	1,380,800
Disaster Recovery							
Substation and Transmission Improvements	1,800,000	1,528,479	1,280,954	1,025,118	46,125	2,539,225	1,453,500
Water Well System Improvements	970,993	334,290	498,107	270,384	86,350	286,350	1,900,000
Heavy Equipment - Bucket trucks, Diggers	3,162,157	1,481,735	1,406,983	69,178	1,326,988	1,805,488	1,520,000
Other General	1,370,856	1,970,640	522,005	165,707	34,017	2,962,847	284,315
General Plant	20,311,663	18,381,155	13,150,801	5,526,207	6,155,205	25,884,923	15,029,974
Engineering Projects	3,468,615	3,180,000	4,648,000	3,352,275	1,167,765	2,192,765	2,750,000
Line Extensions	3,840,293	4,139,645	2,901,645	2,901,645	-	4,125,174	4,342,289
Total - CIP	\$ 27,620,571	\$ 25,700,800	\$ 20,700,446	\$ 11,780,126	\$ 7,322,970	\$ 32,202,862	\$ 22,122,263

** FY2021 original approved \$25M, LEAC reduction \$5M



Proposed 2022 CIP Budget Details

Overhaul	In '000 FY 2022	In '000 FY 2023	Description
Cabras 2	\$ 6,164		Turbine generator, Boiler tube, Burner Front Components, Archway tubes, Boiler Water well, 480v M.C.C., Aire preheater hot and cold basket
Cabras 1		\$4,824	Front blanked Burner A 2 Throat Water tube and boiler water wall tube, boiler system, boiler tube, water pump, air preheater
Yigo diesel	\$1,400	\$1,200	Major overhaul, radiator replacement
Gas CT	\$2,311	\$1,572	Generator overhaul, air intake and exhaust duct, upgrade control system, motor, compressor, water system control
Diesel plants	\$1,238		Cooling towers, ventilation fans, fuel berm upgrade, air compressors, cylinder head
Piti 7	\$3,622	\$895	Smoke stack replacement, 2 nd & 3 rd stage bucket, nozzle, water treatment system, control system upgrade

Proposed 2022 CIP Budget Details

Network	In '000 FY 2022	In '000 FY 2023	Description
SCADA	\$ 324		Upgrade for SCADA/EMS System to include setup of remote access and database backup.
Disaster Recovery	\$ 600	\$ 400	All software in the network and SCADA (software)
E1 Enhances	\$490	\$300	Warehouse module, employee self-service, DocuSign, e-documents, barcode scanners, barcode printers
Advance meter infrastructure	\$355	\$300	GenOps, Stochastics, Tier II wireless communication equipment and installation, substation communication Tier 1, mobile workforce



Proposed 2022 CIP Budget Details

In '000

Substation & transmission	In '000 FY 2022	In '000 FY 2023	Description
Circuit Breaker	\$920	\$300	SF6 Circuit breaker, 115kv circuit breaker,
Tower	\$400	\$400	Tower 22, monotube
Substation controller I/O modules	\$120	\$80	Network monitoring and security for substation links
Glove testing machine & training	\$200		To be utilized by all T&D sections.

Water Well System	In '000 FY 2022	In '000 FY 2023	Description
Portable Generators	\$200	\$400	Various generators (30kw, 75kw, 150kw, 175kw, 200kw, 300kw, 350kw, 400kw, 600kw)
Waste Water Pre-Treatment		\$1,500	Compliance of waste water discharge to GWA NDWWTTP (Phosphates)



Proposed 2022 CIP Budget Details

Heavy Equipment	In '000 FY 2022	In '000 FY 2023	Description
Bucket trucks	\$1,036	\$800	55ft, 65ft bucket trucks
Diggers	\$401		
Utility trucks	\$78	\$720	Fleet replacement program



Proposed 2022 CIP Budget Details

Engineering Projects	In '000 FY 2022	In '000 FY 2023	Description
Storage tank 1935	\$600		Refurbishment
Physical security		\$350	Critical facilities at Generation facilities, Fadian, 115 kV Substations
LED Streetlight	\$350	\$350	Labor and materials
Fiber to All Substations		\$200	Interconnected to IWPS to reduce relay miscoordination and outage durations
Relay upgrade		\$1,000	System stability upgrade for solar plants





GUAM POWER AUTHORITY

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Issues for Decision

Resolution No. 2021-23:

Relative to the Adoption of a Budget for GPA for Fiscal Years 2022 and 2023

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

Section 8117 of Chapter 8 of Title 12 of Guam Code Annotated authorizes the Consolidated Commission on Utilities (CCU) to adopt an annual budget for the Authority. Section 6.11 of the GPA Bond Indenture Agreement requires the Authority to provide a copy of an approved budget to the Bond Trustee prior to the beginning of each fiscal year. The General Manager has reviewed the budget to ensure that all budget expenditures are consistent with the strategic goals of the Authority.

How much will it cost?

The General Manager of the Guam Power Authority has reviewed and proposes the budget for Fiscal Years 2022 and 2023 totaling \$407,546,000 and \$399,444,000, respectively. The General Manager has reviewed and proposes a Revenue Funded Capital Improvement Project (CIP) budget totaling \$32,202,862 and \$22,122,263.

When will it be effective?

October 1, 2021 & October 1, 2022



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

GPA RESOLUTION 2021-23

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

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

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

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

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

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

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

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

1. The Fiscal Years 2022 and 2023 proposed budget of \$407,546,000 and \$399,444,000, respectively, of operating revenues and operating expenses in addition to other cash flow

requirements such as debt services, working capital and conforming to obligatory debt coverage ratio of 1.3 are hereby approved (Exhibit A).

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

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

DULY and REGULARY ADOPTED AND APPROVED THIS this 24TH DAY of AUGUST 2021

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairman
Consolidated Commission on Utilities

MICHAEL LIMTIACO
Secretary
Consolidated Commission on Utilities

I, Michael 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 correct copy of the resolution duly adopted at a regular meeting of the members of Guam Consolidated Commission on Utilities, duly and legally held at the meeting 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: _____

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

Exhibit A

Proforma Income Statements

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

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

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

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

	FY2022 Proposed	FY2022 Proposed
Contracts		
Apprentice	\$ 40,000	\$ 51,600
-Supplies & others	\$ 40,000	\$ 51,600
Environmental protection	\$ 892,384	\$ 926,878
-Compliance-Emission and water	\$ 645,000	\$ 743,600
-Used oil, catalyst and others	\$ 247,384	\$ 183,278

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

-ESS and Renewables Consultant	\$ 100,000	\$ 104,000
-Consent decree legal services	\$ 100,000	\$ 104,000
-CC&B technical support	\$ 300,000	\$ 312,000
-Bill Print & news letters	\$ 375,000	\$ 390,000
-Insurance Risk Engineer	\$ 119,000	\$ 123,760
-Other professional services	\$ 2,057,708	\$ 2,137,216
Other Rental	\$ 220,600	\$ 229,030
Power Plant Accessory Equipment Maintenance	\$ 178,390	\$ 182,589
Radio Maintenance & Repair	\$ 60,000	\$ 62,400
Rental of Building	\$ 79,200	\$ 83,160
Technical Fees	\$ 264,866	\$ 273,451
Total - Other Contracts	\$ 8,794,042	\$ 9,284,286
 Total Contract	 \$ 15,671,816	 \$ 16,418,271
 Aggreko Units	 3,157,000	 3,314,850
 Operating Supplies		
Accessory Equipment	246,500	252,720
Boiler & Associated Eqpt Parts	330,000	333,000
Chemicals	203,020	206,829
Conductors, Poles & Line HW	348,600	361,682
Copier Supplies	31,225	32,360
Coveralls/Uniforms	21,392	22,192
Diesel Fuel	100,000	104,000
Diesel Plant Parts	85,281	88,642
EPA & Others	61,875	62,670
Gases	203,716	205,697
Gasoline fuel	120,000	124,800
Janitorial Supplies	30,000	31,200
Lead Seals	3,000	3,120
Lubrication	208,645	215,606
Meter Test Parts, Etc.	16,125	16,770
Other Materials	333,799	342,838
Other Parts	261,600	267,924
Other Supplies	20,137	20,286
Printed Forms	26,015	26,773
Safety Supplies	129,593	133,703
SCADA Parts & Accessory	45,000	46,800
Station Equipment Repair Parts	41,800	43,472
Tires	40,000	41,600
Tools	85,237	88,250
Transformer Repair Parts	26,738	27,808
Turbine & Associated Eqpt parts	80,000	80,000
Vehicle & Heavy Equipment Parts	130,000	135,200

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

FY2021 CAPITAL IMPROVEMENT PROJECTS (CIP) - REVENUE FUNDED

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

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

Proforma Income Statements

	FY2020 Approved	FY2021 Adjusted *	FY2021 Projected	FY2022 Proposed	FY2023 Proposed
1 REVENUES					
2 Existing Base Rate Revenues	\$ 163,763	\$ 155,000	\$ 155,000	\$ 156,200	\$ 160,800
3 Fuel Revenues	270,418	226,023	197,454	249,186	236,432
4 Miscellaneous Revenues	2,160	2,160	1,769	2,160	2,212
5 Total Revenues	436,341	383,183	354,223	407,546	399,444
6 Bad Debt Expense	(1,091)	(1,045)	(1,063)	(1,223)	(1,198)
7 Net Operating Revenues	435,250	382,138	353,160	406,324	398,245
8					
9 Production Fuel	270,418	226,023	197,454	249,186	236,432
10					
11 MEC	11,586	12,060	12,055	12,810	13,996
13 IPP	11,586	12,060	12,055	12,810	13,996
14					
15 O&M EXPENSES					
16 Yigo Diesel Units (Aggreko)	3,368	4,531	3,398	3,157	3,315
17 Operating Supplies	3,480	3,002	3,001	3,229	3,316
18 Utilities - Water & Communications	2,898	3,233	2,621	2,988	3,137
19					
20 <u>WORK FORCE</u>					
21 Salaries	32,427	33,812	34,015	34,583	36,567
22 Employee Benefits	10,995	11,859	11,068	11,948	12,571
23 Retiree & Health Care	4,800	4,583	4,583	4,600	4,784
24 Labor, Benefits & Retirees	48,222	50,254	49,665	51,131	53,922
25 Less Capitalized Labor	(6,484)	(6,590)	(4,948)	(6,093)	(6,459)
26 Personnel	41,737	43,664	44,717	45,038	47,463
27					
28 Apprentice labor	1,784	1,881	1,559	1,915	1,991
29 Workforce Interns	-	-	-	1,000	1,100
30 Workforce contracts	1,784	1,881	1,559	2,915	3,091
31 Total Work Force	43,522	45,545	46,276	47,953	50,554
32					
33 Fixed Management Fees (PMC)	2,503	2,633	2,660	2,770	2,853
34 Apprentice supplies & others	167	87	4	40	52
35 Security Guard/Armored Car Services	1,377	1,166	866	1,028	1,069
36 Software & Network Maintenance	1,713	1,393	1,678	2,148	2,233
37 Environmental protection	1,288	892	763	892	927
38 Other Contracts	10,753	8,073	6,097	8,794	9,284
39 Contractual	17,801	14,243	12,068	15,672	16,418
40					
41 Insurance	6,487	6,592	6,538	6,868	7,212
42 Miscellaneous	1,860	1,870	1,817	1,868	1,961
43 Off Island Training	309	100	20	180	188
44 Training	244	113	42	102	162
45 Office Supplies	141	105	73	100	104
46 Other Administrative	246	90	40	65	68
47 Administrative & General	9,287	8,869	8,530	9,184	9,695
48					
49 Total O&M Expenses	80,356	79,423	75,894	82,182	86,435
50					
51 Depreciation	42,518	39,490	38,706	40,254	41,864
52					

GPA Work Session - August 19, 2021 - ISSUES FOR DECISION (RESOLUTIONS)

53	Total Operating Expenses	404,877	356,995	324,109	384,433	378,727
54						
55	Earnings From Operations	30,373	25,142	29,051	21,891	19,519
56						
57	Other Revenues (Expenses):					
58	Investment Income	2,004	1,000	1,128	1,000	1,000
59	Interest expense (ST Debt)	(29)	(30)	(30)	(30)	-
60	Interest Expense (Aggreko Lease Payment)	(531)	(28)	(46)	-	-
61	Interest expense (2012 Revenue Bond)	(16,237)	(15,287)	(15,287)	(14,290)	(13,254)
62	Interest expense (2014 Revenue Bond)	(3,567)	(3,491)	(3,491)	(3,411)	(3,328)
63	Interest expense (2017 Refunding Bond)	(7,418)	(7,418)	(7,418)	(7,418)	(7,402)
64	Other Expense/Income					
65	Amortization of Issuance Costs	1,667	1,071	1,070	475	475
66						
67	Net Earnings(Loss) Before Capital Contribution	6,262	960	4,977	(1,783)	(2,990)
68	Capital Contributions	-	-	-	-	-
69						
70	Increase (Decrease) in Net Assets	\$ 6,262	\$ 960	\$ 4,977	\$ (1,783)	\$ (2,990)
71						
72	<u>Debt Service Coverage Calculation</u>					
73	Earnings From Operations	\$ 30,372	\$ 25,142	\$ 29,051	\$ 21,891	\$ 19,519
74	Add Interest Income	1,415	1,000	1,128	1,000	1,000
75	Add: Depreciation	42,518	39,490	38,706	40,254	41,864
76	Balance Available for Debt Service	74,305	65,632	68,885	63,145	62,383
77	IPP Debt Service + Aggreko lease	8,929	2,245	2,272	-	-
78	Balance After IPP Debt Service	65,376	63,387	66,613	63,145	62,383
79	Debt Service					
80	Bond Interest Expense	27,222	26,196	26,196	25,119	23,984
81	Bond Principal	20,515	21,540	21,540	22,705	24,020
82	Total Debt Service	47,737	47,736	47,736	47,824	48,004
83						
84	Debt Service Coverage (Bond Method)	1.56	1.37	1.44	1.32	1.30
85	Debt Service Coverage (S&P Method)	1.37	1.33	1.40	1.32	1.30
86						
87	<u>Cashflow Statement</u>					
88	Net Income	\$ 6,262	\$ 960	\$ 4,977	\$ (1,783)	\$ (2,990)
89	Depreciation & amortization	40,851	38,419	37,636	39,780	41,389
90	(Unrecovered)/recovered fuel cost			(12,000)	10,000	
91	CIP's-Internally Funded	(27,621)	(25,701)	(11,780)	(32,203)	(22,122)
92	Principal Payment (Aggreko Lease Payment)	(8,399)	(2,217)	(2,217)	-	-
93	Principal Payment (2012 Revenue Bond)	(18,995)	(19,945)	(19,945)	(20,715)	(18,215)
94	Principal Payment (2014 Revenue Bond)	(1,520)	(1,595)	(1,595)	(1,675)	(1,755)
95	Principal Payment (2017 Refunding Bond)	-	-	-	(315)	(4,050)
96	Principal Payment (IPP)	-	-	-	-	-
97	MEC Recapitalization	(3,764)	(3,764)	(3,764)	(3,764)	(3,764)
98	Cash Carry Over-Surplus/(Deficit)	(13,186)	(13,843)	(8,688)	(10,676)	(11,507)
99	Beginning Balance	41,422	40,982	65,244	56,556	45,880
100	Ending Balance	28,236	27,139	56,556	45,880	34,373

* FY2021 approved fuel budget was \$191,023. \$35 million adjustment was approved.

GPA Work Session - August 19, 2021 - ISSUES FOR DECISION (RESOLUTIONS)

	FY2020 Approved	FY2021 Approved	FY2021 Projected	FY2022 Proposed	FY2023 Proposed
Number of Employees	490	490		490	490
WORK FORCE					
Salaries & Wages					
Regular Pay	\$ 30,760,384	\$ 31,804,777	\$ 30,638,441	\$ 32,172,868	33,936,167
Overtime Pay	1,400,000	1,744,902	3,026,064	2,077,000	2,284,700
Night Differential Pay	266,513	262,592	350,126	332,704	346,055
Sub-Total Employee Salaries	32,426,897	33,812,271	34,014,631	34,582,572	36,566,922
Employee Benefits					
Medical/Dental/Life	1,979,061	2,134,615	1,893,943	2,367,417	2,496,477
Retirement Contribution	9,015,717	9,724,358	9,173,746	9,580,998	10,074,260
Sub-Total Employee Benefits	10,994,778	11,858,973	11,067,689	11,948,415	12,570,737
Retiree Benefits	4,800,000	4,583,007	4,583,007	4,600,000	4,784,000
Total Labor & Benefits	48,221,675	50,254,251	49,665,327	51,130,987	53,921,659
Less Capitalized Labor	(6,484,303)	(6,590,042)	(4,948,410)	(6,092,991)	(6,458,572)
Total Personnel	\$ 41,737,372	\$ 43,664,209	\$ 44,716,917	\$ 45,037,996	\$ 47,463,087
Apprentice labor	\$ 1,784,132	\$ 1,881,254	\$ 1,559,151	\$ 1,914,547	\$ 1,991,128
Workforce Interns	-	-	-	1,000,000	1,100,000
Workforce contracts	\$ 1,784,132	\$ 1,881,254	\$ 1,559,151	\$ 2,914,547	\$ 3,091,128
Total Work Force	\$ 43,521,504	\$ 45,545,463	\$ 46,276,068	\$ 47,952,543	\$ 50,554,215
Contracts					
Apprentice	\$ 167,244	\$ 86,700	\$ 4,137	\$ 40,000	\$ 51,600
-Supplies & others	167,244	86,700	4,137	40,000	51,600
Environmental protection	\$ 1,288,000	\$ 892,384	\$ 763,278	\$ 892,384	\$ 926,878
-Compliance-Emission and water	645,000	645,000	610,387	645,000	743,600
-Used oil, catalyst and others	643,000	247,384	152,891	247,384	183,278
Fixed Management Fees (PMC)	\$ 2,503,454	\$ 2,633,037	\$ 2,659,773	\$ 2,769,766	\$ 2,852,859
- Cabras 1 & 2	1,806,639	1,915,037	1,915,037	1,972,488	2,031,663
- CT	696,815	718,000	744,736	797,278	821,196
Software & Network Maintenance	\$ 1,713,123	\$ 1,392,689	\$ 1,677,605	\$ 2,147,624	\$ 2,233,528
-Advance Grid Analysis (AGA)	140,000	140,000	140,000	140,000	145,600
-JDE license	181,000	181,000	194,112	250,300	260,312
-MDMS SW License Renewal & Software Maintenance	86,031	86,031	94,802	95,000	98,800
-Oracle DB license renewal for CC&B Database	69,210	69,210	72,677	73,000	75,920
-Oracle DB license renewal for CC&B Database-DR	43,816	43,816	46,011	47,000	48,880
-Universal Credits of CHATBot	30,000	30,000	32,000	32,000	33,280
-CC&B SW Maintenance License fee renewal	100,043	108,058	108,057	108,057	112,380
-Other licenses	1,063,023	734,575	989,946	1,402,267	1,458,356
Security Guard/Armored Car Services	\$ 1,377,000	\$ 1,165,500	\$ 866,347	\$ 1,028,000	\$ 1,069,120

GPA Work Session - August 19, 2021 - ISSUES FOR DECISION (RESOLUTIONS)

-Security Guard Services	1,350,000	1,147,500	843,347	1,000,000	1,040,000
-Armored Car Services	27,000	18,000	23,000	28,000	29,120
 Audit Fee Financial	125,000	125,000	114,000	125,000	130,000
Building maintenance	875,700	564,755	531,129	564,755	587,348
Engineering Consultants	450,000	93,500	71,500	93,500	97,240
Grounds Maintenance	400,600	397,360	381,132	412,360	427,455
Heavy Equipment Maintenance	54,000	33,150	21,450	35,150	36,556
Heavy Equipment Rental	126,650	98,934	56,575	67,450	69,503
Land Lease	134,800	134,800	134,800	134,800	141,540
Legal Consultants	50,886	43,253	10,000	30,000	31,200
Light Vehicle Maintenance	52,000	28,900	19,200	26,900	27,976
Office Equipment Rental	229,984	125,000	111,835	112,000	116,480
Other Contractual Services					
- Regulatory consultant	250,000	212,500	108,000	212,500	221,000
-ESS	199,200	169,320	169,320	86,000	89,440
-GPS tracking	88,800	88,800	75,848	88,800	92,352
-Disposal of soot and used oil	100,000	120,000	120,000	120,000	120,000
-USDA snake control	219,382	219,382	245,939	246,000	258,300
-Fire suppression system inspection	27,000	139,422	70,527	94,000	96,820
-Others contractual services	1,787,668	961,690	609,695	1,228,080	1,289,488
Other Maintenance					
-Maintenance/Repair Fire Alarms & gas suppression systems	302,242	273,836	97,466	128,000	132,640
-Vegetation Management	475,000	407,175	94,417	347,175	499,062
-Surveillance camera	30,000	30,000	25,550	30,000	31,200
-Other maintenance	357,724	165,250	44,505	277,808	288,920
Other Professional Services					
-Consulting Services on Training and Assessment for Piti 7	210,000	178,500	246,860	247,000	256,880
-Technical Services - Cabras 1&2 Overhaul	244,000	207,400	56,772	-	-
-Milsoft Texting System-Outage reporting	50,000	38,250	46,620	47,000	48,880
-Smart grid network system support	155,000	106,250	185,843	185,000	192,400
-ESS and Renewables Consultant	100,000	127,500	81,800	100,000	104,000
-Consent decree legal services	100,000	100,000	100,000	100,000	104,000
-CC&B technical support	150,000	127,500	427,400	300,000	312,000
-Bill Print & news letters	375,000	375,000	375,000	375,000	390,000
-Insurance Risk Engineer	220,000	119,000	-	119,000	123,760
-Other professional services	1,876,023	1,444,899	897,165	2,057,708	2,137,216
Other Rental	224,450	218,237	186,501	220,600	229,030
Power Plant Accessory Equipment Maintenance	158,450	157,618	132,945	178,390	182,589
Radio Maintenance & Repair	49,000	47,950	60,670	60,000	62,400
Rental of Building	65,935	65,935	59,462	79,200	83,160
Technical Fees	438,073	326,621	126,937	264,866	273,451
Total - Other Contracts	\$ 10,752,567	\$ 8,072,688	\$ 6,096,863	\$ 8,794,042	\$ 9,284,286
 Total Contract	 \$ 17,801,388	 \$ 14,242,998	 \$ 12,068,003	 \$ 15,671,816	 \$ 16,418,271
 Aggreko Units	 \$ 3,368,000	 \$ 4,530,960	 \$ 3,398,423	 \$ 3,157,000	 \$ 3,314,850
 Operating Supplies					
Accessory Equipment	190,000	167,827	281,828	246,500	252,720
Boiler & Associated Eqpt Parts	401,126	330,000	255,000	330,000	333,000
Chemicals	217,300	208,019	166,760	203,020	206,829
Conductors, Poles & Line HW	352,000	253,836	427,079	348,600	361,682
Copier Supplies	28,800	21,744	26,360	31,225	32,360
Coveralls/Uniforms	42,197	21,902	59,853	21,392	22,192
Diesel Fuel	100,000	100,000	100,000	100,000	104,000

GPA Work Session - August 19, 2021 - ISSUES FOR DECISION (RESOLUTIONS)

Diesel Plant Parts	213,606	85,281	80,928	85,281	88,642
EPA & Others	63,500	60,774	47,863	61,875	62,670
Gases	245,500	202,997	190,276	203,716	205,697
Gasoline fuel	120,000	100,000	100,000	120,000	124,800
Janitorial Supplies	40,000	30,000	45,000	30,000	31,200
Lead Seals	5,000	3,000		3,000	3,120
Lubrication	205,250	208,645	132,964	208,645	215,606
Meter Test Parts, Etc.	16,500	12,375	20,887	16,125	16,770
Other Materials	311,700	343,799	312,979	333,799	342,838
Other Parts	230,716	338,842	202,017	261,600	267,924
Other Supplies	24,163	26,661	24,394	20,137	20,286
Printed Forms	38,780	17,975	19,783	26,015	26,773
Safety Supplies	135,900	114,593	109,093	129,593	133,703
SCADA Parts & Accessory	100,000	45,000	36,634	45,000	46,800
Station Equipment Repair Parts	28,650	21,488	31,408	41,800	43,472
Tires	44,000	30,000	33,707	40,000	41,600
Tools	53,150	49,193	71,334	85,237	88,250
Transformer Repair Parts	42,650	26,738	15,174	26,738	27,808
Turbine & Associated Eqpt parts	80,000	80,000	80,000	80,000	80,000
Vehicle & Heavy Equipment Parts	150,000	101,250	129,600	130,000	135,200
Total - Operating Supplies	\$ 3,480,488	\$ 3,001,938	\$ 3,000,919	\$ 3,229,298	\$ 3,315,942
Utilities - Water & Communications					
Courier Services	71,000	71,000	43,160	57,000	59,850
Postage	325,000	300,000	224,333	275,000	288,750
Telephone (Local)	152,000	152,000	143,762	145,000	152,250
Telephone (Overseas)	9,500	9,500	9,500	9,500	9,750
Utilities - Water	2,340,000	2,700,000	2,200,000	2,501,000	2,626,050
Total - Utilities - Water & Communications	\$ 2,897,500	\$ 3,232,500	\$ 2,620,755	\$ 2,987,500	\$ 3,136,650
Miscellaneous					
Ads & Radio Announcements	215,000	140,000	111,000	130,400	136,920
Board Fees	30,000	30,000	30,000	30,000	31,500
Collection Fees	1,000,000	1,300,000	1,300,000	1,300,000	1,365,000
Dues & Subscription	125,000	110,000	95,584	110,000	115,500
P.U.C.	400,000	200,000	184,126	200,000	210,000
Trustee / Bank Commission Fees	90,000	90,000	96,000	98,000	102,900
Total - Miscellaneous	\$ 1,860,000	\$ 1,870,000	\$ 1,816,710	\$ 1,868,400	\$ 1,961,820
Insurance					
Property	5,550,713	5,577,520	5,424,574	5,777,520	6,066,396
General Liability	76,600	76,536	76,536	76,536	80,363
Auto Liability	106,000	89,879	106,000	106,000	111,300
Pollution	150,000	300,000	300,000	150,000	157,500
Professional Liability	102,000	102,000	102,000	102,000	107,100
Excess General Liability	204,804	204,804	204,804	204,804	215,044
Excess Workmen's Compensation	15,236	15,236	15,236	15,236	15,998
Crime	38,700	32,895	32,895	32,895	34,540
Directors & Officers	68,229	68,229	68,229	68,229	71,640
Aggreko Insurance	-	-	130,641	220,000	231,000
Sub-Total: Property & Liability	6,312,282	6,467,100	6,460,915	6,753,220	7,090,881
Damage Claims	75,000	44,515	25,244	50,000	52,500
Workmen's Compensation (Safety)	100,000	80,000	52,270	65,000	68,250
Total - Insurance	\$ 6,487,282	\$ 6,591,615	\$ 6,538,429	\$ 6,868,220	\$ 7,211,631

GPA Work Session - August 19, 2021 - ISSUES FOR DECISION (RESOLUTIONS)

Off-Island Training	309,234	100,000	20,390	180,356	187,570
Training & Materials	243,800	112,500	41,779	102,000	161,560
Office Supplies	140,500	105,131	73,189	100,000	103,945
Other Admin	246,000	90,000	40,000	65,000	67,600
Total Non-Labor	\$ 36,834,192	\$ 33,877,641	\$ 29,618,597	\$ 34,229,590	\$ 35,879,839

GPA Work Session - August 19, 2021 - ISSUES FOR DECISION (RESOLUTIONS)

FY2021 CAPITAL IMPROVEMENT PROJECTS (CIP) - REVENUE FUNDED

	FY2020 Approved	FY2021 Approved	FY2021 Adjusted **	FY2021 Projected Year End	CARRYOVER	FY2022 Proposed Budget	FY2023 Proposed Budget
Overhaul	\$ 8,854,275	\$ 10,219,105	\$ 7,767,322	\$ 3,111,476	\$ 4,337,725	\$ 14,900,505	\$ 8,491,359
Network							
SCADA, Advanced Meter Infrastructure, E1 Enhancement and Disaster Recovery	4,153,382	2,846,907	1,675,431	884,344	324,000	3,390,508	1,380,800
Substation and Transmission Improvements	1,800,000	1,528,479	1,280,954	1,025,118	46,125	2,539,225	1,453,500
Water Well System Improvements	970,993	334,290	498,107	270,384	86,350	286,350	1,900,000
Heavy Equipment - Bucket trucks, Diggers	3,162,157	1,481,735	1,406,983	69,178	1,326,988	1,805,488	1,520,000
Other General	1,370,856	1,970,640	522,005	165,707	34,017	2,962,847	284,315
General Plant	20,311,663	18,381,155	13,150,801	5,526,207	6,155,205	25,884,923	15,029,974
Engineering Projects	3,468,615	3,180,000	4,648,000	3,352,275	1,167,765	2,192,765	2,750,000
Line Extensions	3,840,293	4,139,645	2,901,645	2,901,645	-	4,125,174	4,342,289
Total - CIP	\$ 27,620,571	\$ 25,700,800	\$ 20,700,446	\$ 11,780,126	\$ 7,322,970	\$ 32,202,862	\$ 22,122,263

** FY2021 original approved \$25M, LEAC reduction \$5M

GM REPORT

August 2021



Generation Status

1. Reserve Margin Forecast for August 2021:

Projected Available Capacity: 351 MW

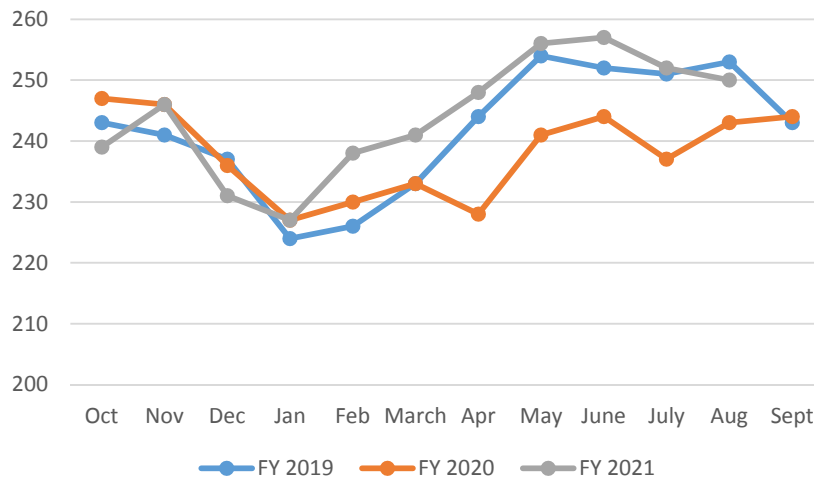
Projected Demand: 250 MW

Anticipated Reserve Margin: 101 MW

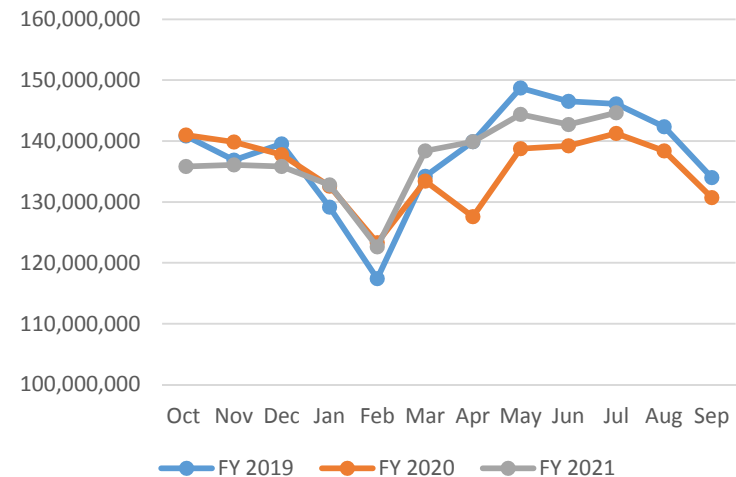
- Yigo CT (20 MW) Undergoing commissioning performance and emission test expected to be completed by end of month. Currently available for emergencies.

2. FY 2021 Production Characteristics :

Peak MW Demand
Thru August 12, 2021



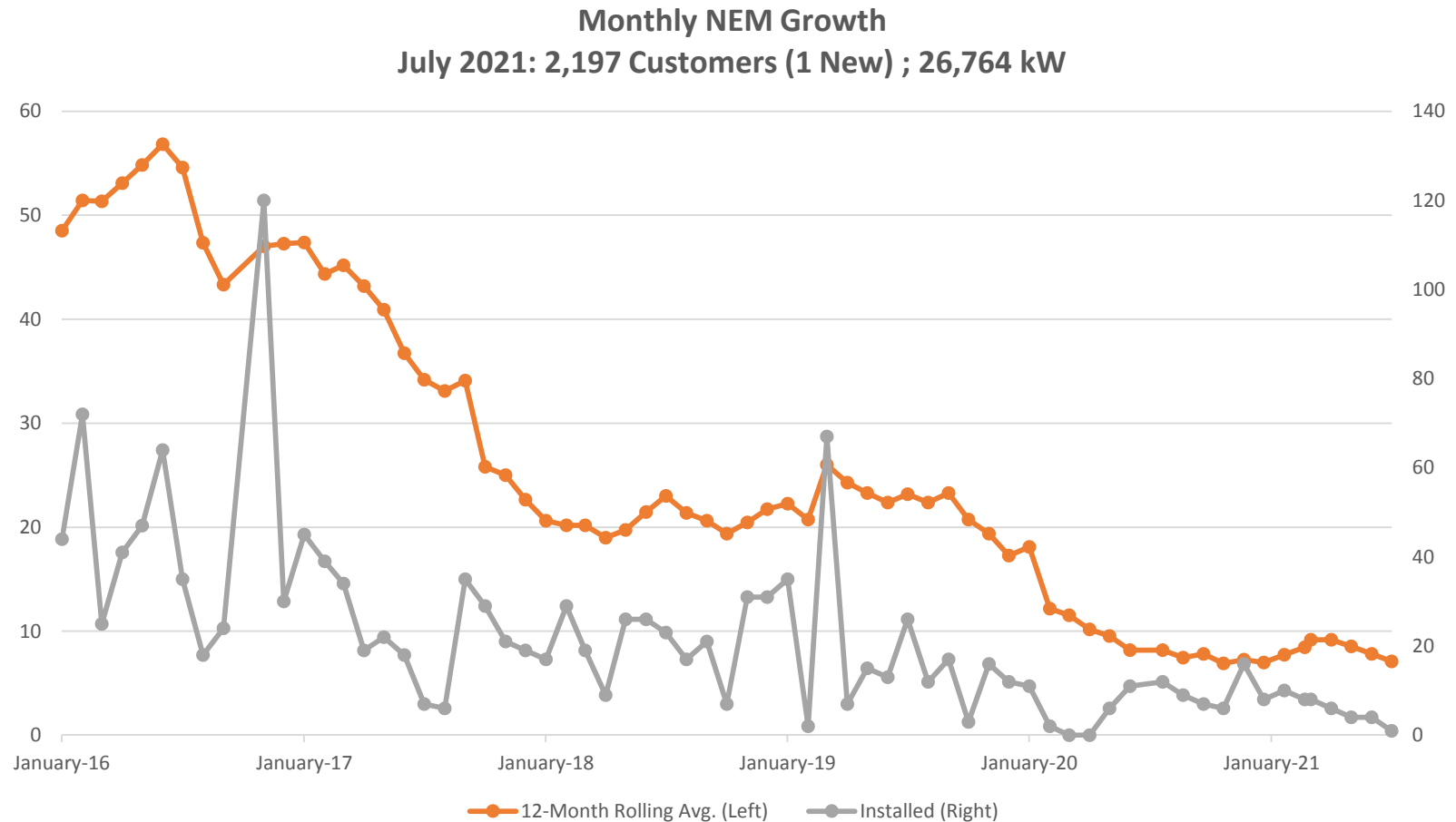
Net kWh Generation
Thru July 2021



Net Metering

3

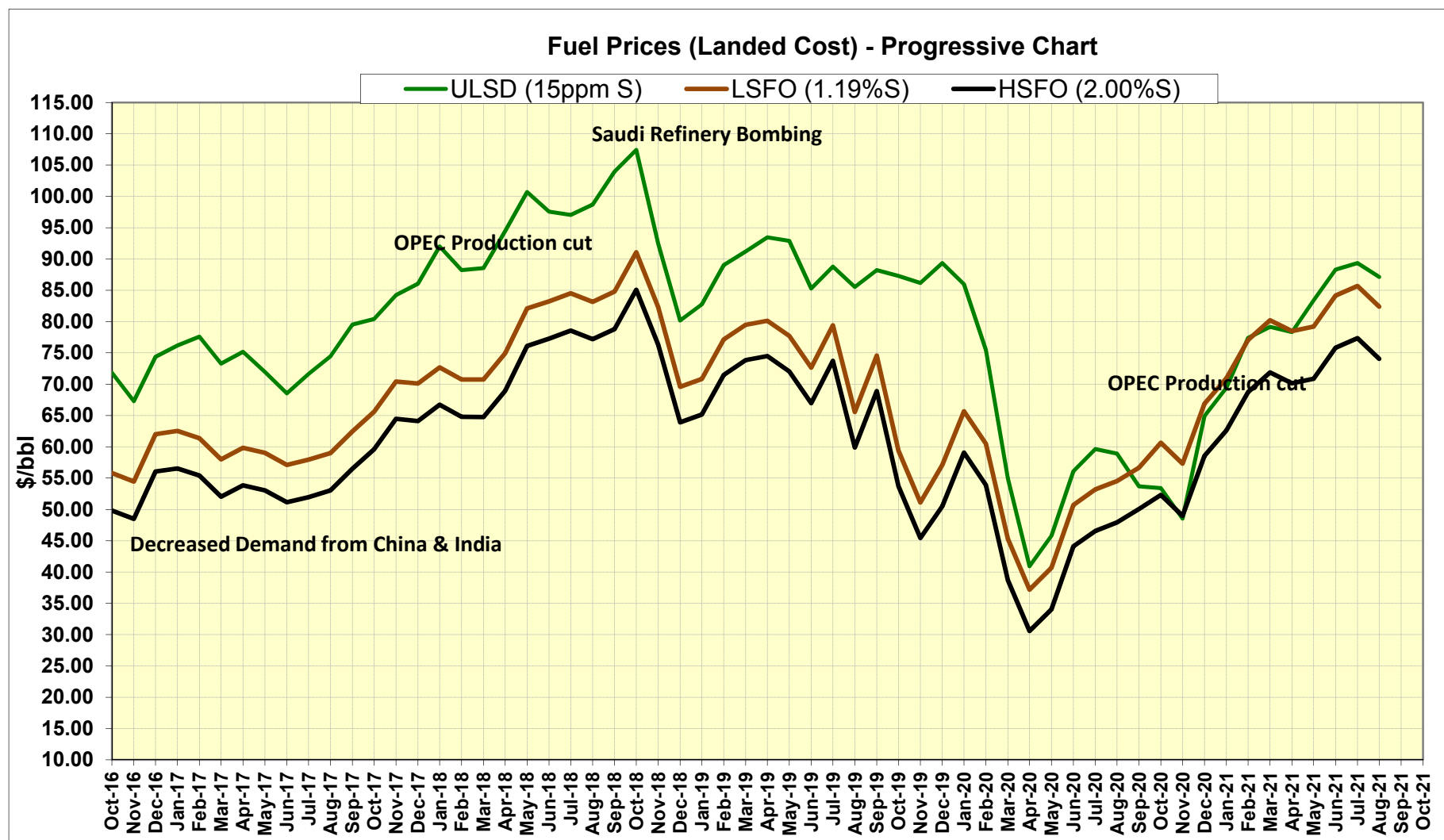
3. Net Metering (NEM) Growth Thru July 2021:



GPA Fuel Landed Cost (Per Barrel) Aug 13, 2021

4

4. HSRFO \$74.06; LSRFO \$82.40; ULSD \$87.12



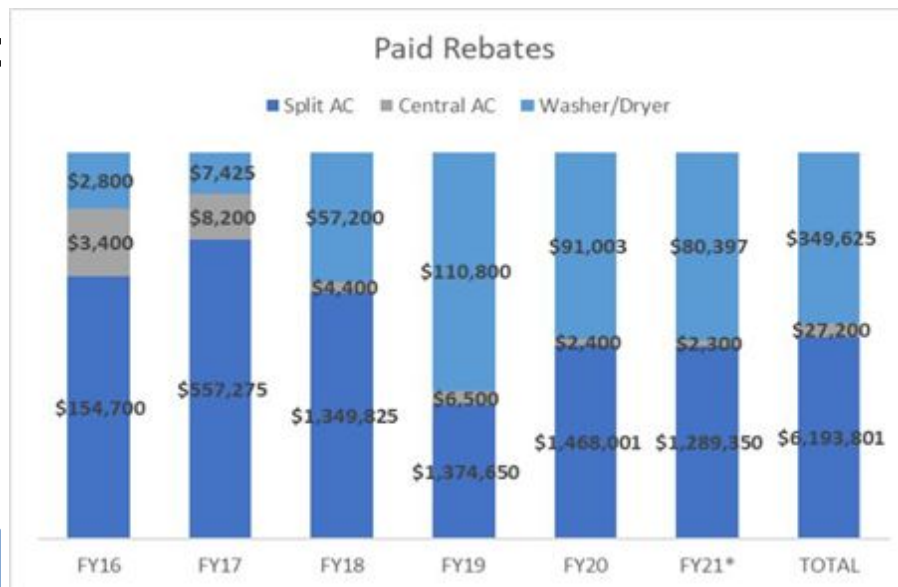
Demand Side Management (DSM)

5

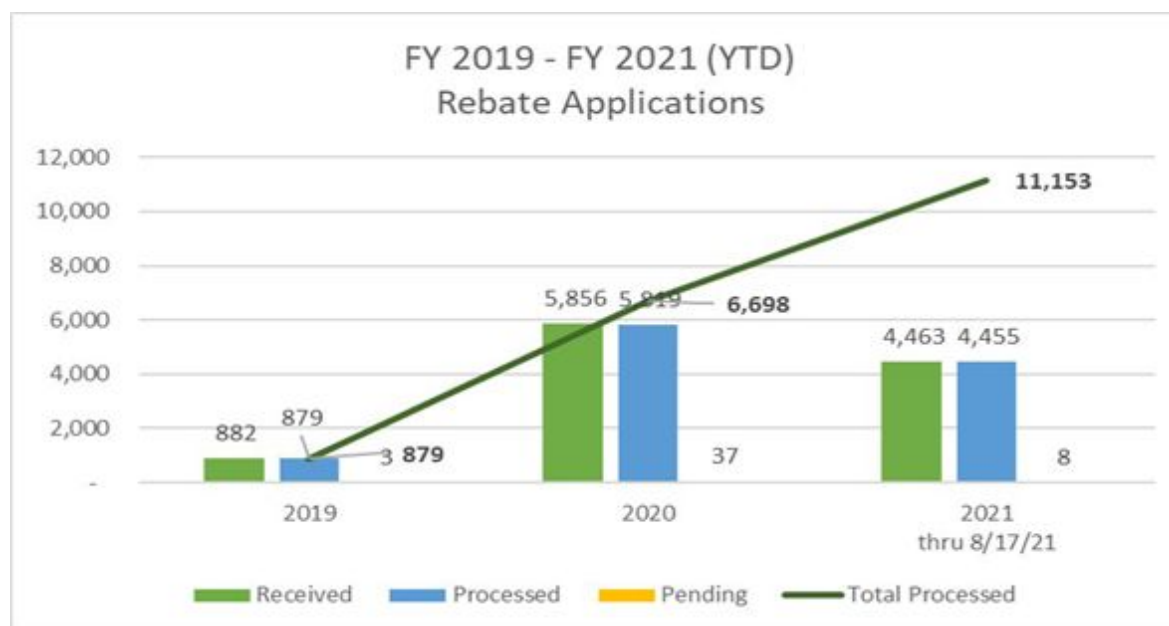
5. DSM Funding as of July 31, 2021:

	FY21* thru 7/31/21	FY16-FY21 YTD TOTAL	
Regular/OT Pay	\$ 136,013.19	\$ 293,857.19	4.1%
Other Contractual	\$ 72,650.00	\$ 306,481.05	4.3%
Ads & Radio Announcements		\$ 9,000.00	0.1%
Paid Rebates - Split AC	\$ 1,289,350.00	\$ 6,193,801.00	86.3%
Paid Rebates - Central AC	\$ 2,300.00	\$ 27,200.00	0.4%
Paid Rebates - Washer/Dryer	\$ 80,397.00	\$ 349,625.00	4.9%
Total Expenses	\$ 1,580,710.19	\$ 7,179,964.24	
Bank Interest (+)	\$ 254.25	\$ 6,044.87	
Bank Fees	\$ 401.00	\$ 5,623.32	

DSM Ending Balance (LEAC Funds): \$1,308,963.18



6. DSM Rebate Application Report 2019 to 2021:



General Manager's Report (cont'd)

6

7. PUC Update:

Current GPA Dockets on PUC Agenda (August 26, 2021):

- GPA Docket 21-16, Petition to Approve the Contract with Tristar Terminals Guam, Inc. for the Lease of an Additional Storage Tank for Diesel Fuel
- GPA Docket 21-17, Petition to Approve the Amendment to the Contract for Residual Fuel Oil No. 6 for the Baseload Power Generating Plants

Disposition of Previous GPA Dockets:

- GPA Docket 21-11, Contract Extension for Printing Services **Approved**
- GPA Docket 21-15, Bond Refinancing, **Disapproved - pending legislative approval**
- GPA Docket 21-13, Request for Proposal (RFP) for Engineering, Procurement Construction Mgmt (EPCM) for New Power Plant, **Approved**
- GPA Docket 21-14, LEAC Adjustment, **Three-step process approved:**

Aug 1, 2021	Oct 1, 2021	Dec 1, 2021
\$0.1304 per kWh	\$0.1508 per kWh	\$0.1714 per kWh

8. LEAC Grant

- Governor Leon Guerrero authorized the transfer of \$15M to GPA to be used to alleviate the LEAC increase for ratepayers, thereby allowing the 3-step increase to be held below 10% for each step. This is the first pandemic assistance grant to GPA ratepayers.

Thank you, Governor!!

9. Phase III Renewable Project Update:

- GlidePath filed an appeal in the Superior Court of the OPA's decision which favored a GPA award to Engie for 40 MW of solar with full energy shifting ESS. Arguments are scheduled to begin September 22, 2021 in Superior Court.



General Manager's Report (cont'd)

7

10. 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
 - ✓ Revised Archaeological Inventory Survey
 - ✓ Resolution on Section 106 process between Navy/SHPO/GPA
- 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 diesel generator relocation
- Water & Wastewater Requirements:
 - ✓ Water Supply and Discharge Agreement Review
 - ✓ Coordinate with GWA on Change of Law issues due to update NPDES permit affecting discharge of wastewater from cooling system
 - ✓ Follow up with KEPCO-EWP/Doosan on phosphate treatment proposal to address change in law issue.
- Other:
 - ✓ Buffer Zone Exemption for Piti 41 MW diesel generator plant site (GPA).

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)

8

11. COVID-19 Vaccination:

- As of August 16, 2021, 84% of GPA employees have received COVID-19 vaccination.
- Joint utility resolution (GWA 25-FY2021 / GPA 2021-22) requiring utility employees to be fully vaccinated against SARS-CoV-2 has been submitted to the CCU for review and decision.

12. Tropical Depression 16W:

- Overhead lines were inspected; vegetation that may have been blown into the lines during the storm were cleared.
- Crews responded to customer pre-storm tree trimming requests.
- Initial pre-storm protocols were followed.
- Storm was expected to pass over Guam on Tuesday afternoon, with winds hovering around 35 kts, per Guam NWS, however storm was downgraded. Storm watch was canceled as of 7:55 p.m., 8/16/21.



13. Summer Internship Programs:

GPA welcomed a record-setting 19 college students to its 2021 Summer Engineering & Cybersecurity Internship Programs!

- Engineering interns are currently enrolled in an Engineering program at a US-accredited college or university.
- Cybersecurity interns are currently enrolled in a Computer Science, CIS, IT or related program at a US-accredited college or university.
- The students were placed with employee-mentors in the Engineering, SPORD, Planning & Regulatory, T&D, Generation, PSCC, and IT divisions.
- GPA looks forward to expanding its internship programs as a key component of its recruitment and succession plan!



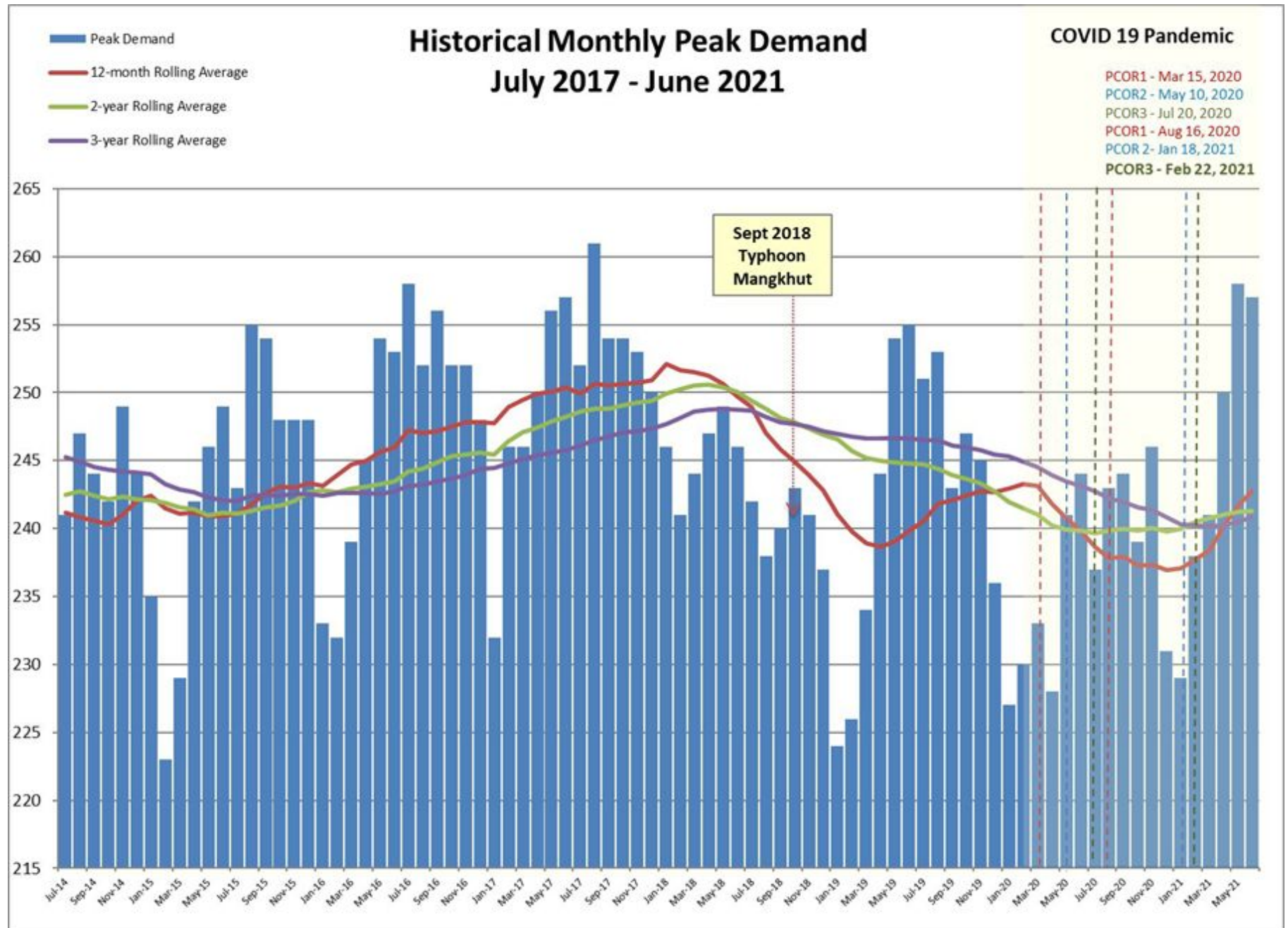
Shown above: Student participants of the 2021 GDOE Youth Employment Internship Program & GPA 2021 Summer Engineering & Cybersecurity Internship Programs. August 6, 2021. Gloria B. Nelson Public Service Building.

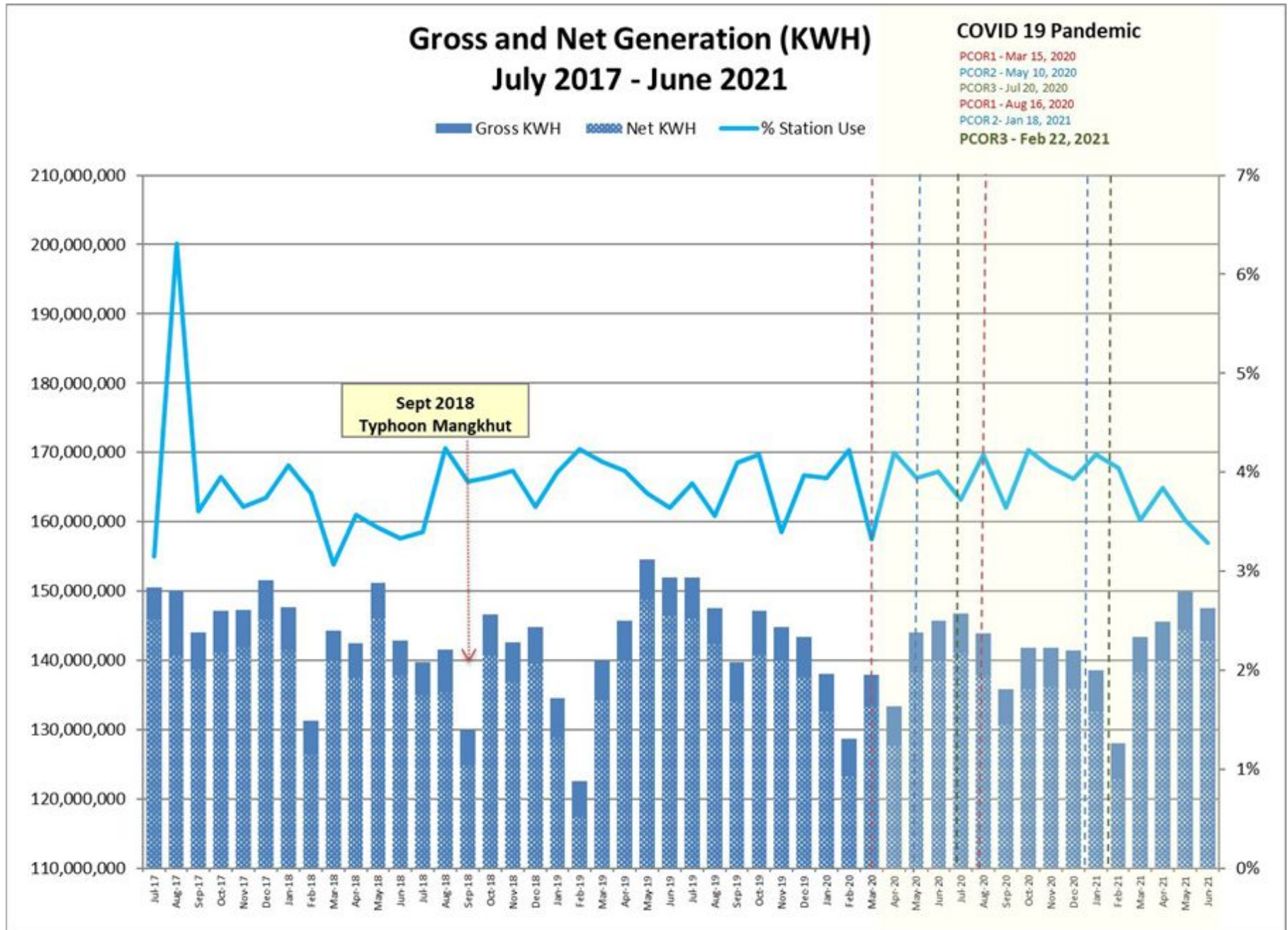


14. Generation KPIs:

- The following graphs show updated information through July 2021:







Historical KWH Sales July 2017 - June 2021

COVID 19 Pandemic

PCOR1 - Mar 15, 2020

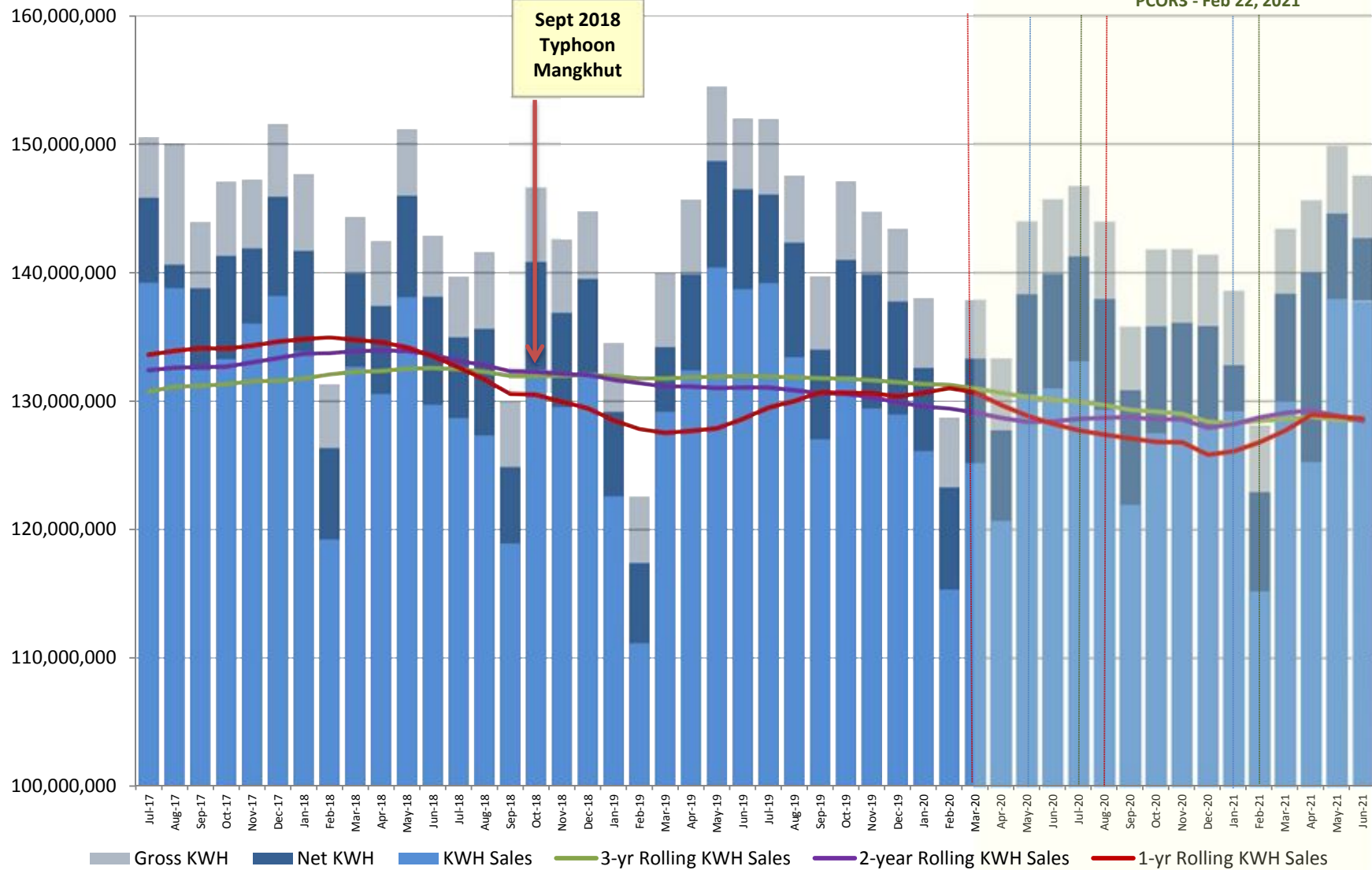
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

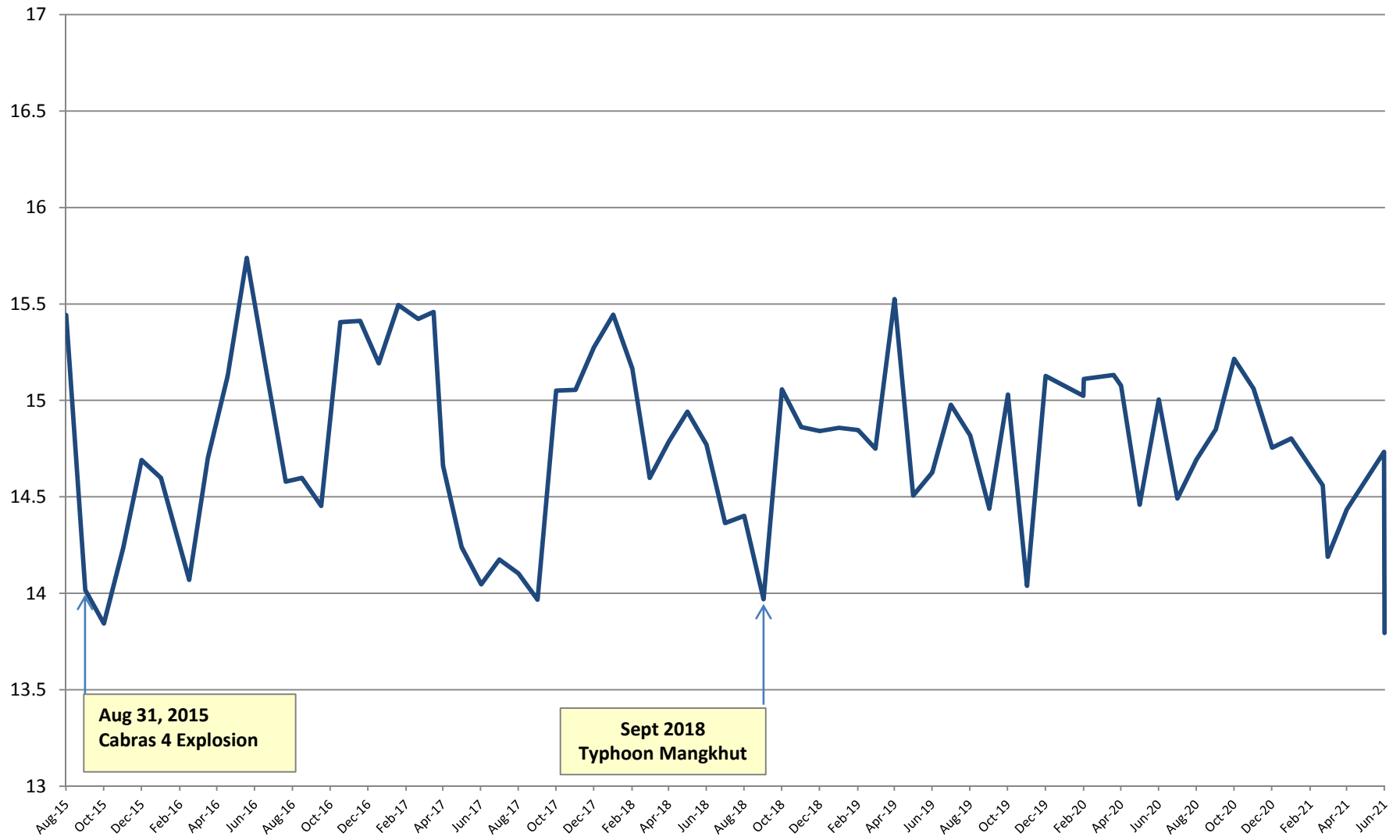
PCOR1 - Aug 16, 2020

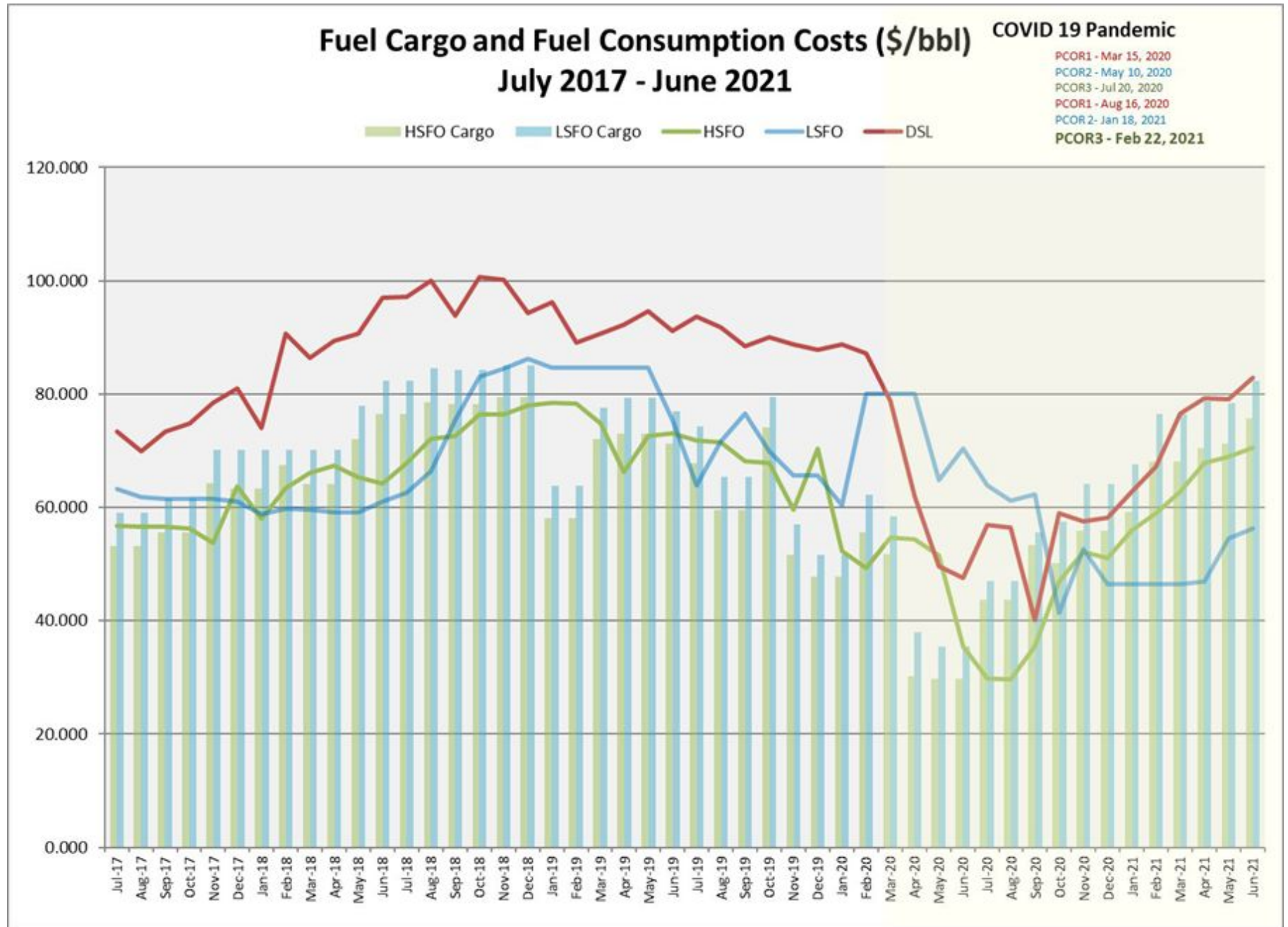
PCOR 2- Jan 18, 2021

PCOR3 - Feb 22, 2021



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





Memorandum of Agreement (MOA) GDOE/GPA Partnership



Memorandum of Agreement (MOA)

GDOE/GPA Partnership

3

Statement of Need

- 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 utilities' expertise and experience in implementing, operating, and maintaining capital improvement programs.
- A Utilities-GDOE partnership will benefit Guam's school children by matching the utilities' capabilities and capacities with the substantial American Rescue Plan funding and to be available to GDOE, to improve the overall infrastructure of island-wide schools thus providing a conducive learning environment for education of our children.
- The utilities have substantial engineering and construction experience to ensure the projects are successfully completed. The teams would consist of GDOE, GPA and GWA personnel under the leadership of key professionals within the entities.

Memorandum of Agreement (MOA)

GDOE/GPA Partnership

4

Scope of Assistance

GPA to assist GDOE with Engineering and management services for implementing its maintenance and capital improvement programs, including:

New Simon Sanchez HS Project

- Assist in final design, procurement and management most especially over next eight (8) months
- Review scope of work for construction and financing Request for Proposal (RFP)

Master Facilities Plan Participation

- Participate in current master plan activities led by HHF Planners under US Army Corps of Engineers – DOI grant
- Review facility assessment of 41 schools by November 2021 to prioritize projects as part of a facilities plan that is to be finalized by December 2021.
- Prioritize, plan and executive CIPs Identified in the Master Facilities Planning process utilizing funding from USDOE thru American Rescue Plan (ARP).

DOI Grant Projects

- Work with HHF Planners (US Army Corps of Engineers)

Other Federal Grants

- Team would also pursue grants opportunities available to GDOE

ARP Projects

- 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



Memorandum of Agreement (MOA) GDOE/GPA Partnership

5

The Utilities-GDOE Partnership will also provide the opportunity to grow GDOE's capacity and sustained expertise to plan and implement their future 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
- Maximize Grant Opportunities
- Infrastructure Financing Capability

Memorandum of Agreement (MOA) GDOE/GPA Partnership

6

- The GDOE/Utilities Partnership will be established through a Memorandum of Agreement (MOA) to achieve the objectives noted herein.
- The partnership could begin this month (August 2021)
- The MOA 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 federal grants for lighting upgrades

MEMORANDUM OF AGREEMENT
GUAM DEPARTMENT OF EDUCATION
ASSISTANCE WITH ENGINEERING AND MANAGEMENT SERVICES

- 1) **Parties.** This Memorandum of Agreement (the “Agreement” or “MOA”) is between Guam Power Authority (“GPA”), a public corporation of the Government of Guam organized and existing under the laws of Guam, and the Guam Department of Education (“GDOE”). GPA and GDOE shall also be referred to collectively as the “Parties”.
- 2) **Purpose.** The Parties are entering into this Agreement will collaboratively perform engineering and management services to implement projects necessary to upgrade the educational infrastructure throughout the island.

The collaborative effort will enhance and broaden GDOE’s capability to sustain and maintain future complex education infrastructure improvement projects, including but not limited to: long term infrastructure CIP plan, energy and water use efficiency programs, renewable energy projects, cost reduction programs, maximized grant opportunities, and infrastructure financing capability.

3) **Recitals.**

Whereas, GDOE lacks sufficient internal engineering and management capabilities to implement projects necessary to upgrade its educational infrastructure throughout Guam. While GDOE works to build the necessary capacity, there is an immediate need for temporary assistance in helping to plan, review, implement and monitor near-term projects. Such assistance would need to include planning experience and an engineering background; and

Whereas, GDOE has an opportunity to plan and execute up to \$250 million of capital improvement projects over the next three years. The American Rescue Plan (ARP) projected funding of \$170M for CIPs identified in the GDOE Master Facilities Plan must be obligated by September 2023 and completed by September 2024; and

Whereas, GPA has proven expertise and experience implementing, completing, operating, and maintaining capital improvement projects; and

Whereas, a GPA-GDOE partnership will provide GDOE the expertise and the necessary experience coupled with the substantial American Rescue Plan funding to improve the island-wide schools to infrastructure standards necessary and conducive for educating our children.

- 4) **Scope of Work.** Based on the recitals above and the agreed upon consideration, the Parties agree as follows:

GPA shall assist GDOE with Engineering and Management Services for implementing its maintenance and capital improvement programs, essentially serving as “Owner’s Engineer” for the key projects and initiatives listed on Exhibit A. GPA may be compensated for reasonable costs through identified, approved grant funding, subject to grant program conditions.

- a) The Parties are responsible to execute the following:
 - i) GDOE shall furnish GPA a list of prioritized infrastructure projects, including approved scope of work, identified funding sources, and associated deadlines.
 - ii) GPA will furnish GDOE proposed schedules or timelines for such projects.
 - iii) GDOE shall review the proposed project schedules, make amendments, and provide a finalized schedule that may be agreed upon by the Parties.
 - iv) Grant Reports and Federal Forms shall be filled out collaboratively by the Parties.
 - v) Grant Report and Federal Forms shall be drafted and submitted by GDOE to the DOI, and/or FEMA Grant Manager.
- b) The Parties shall share and furnish all other information required by the Department of Interior and/or FEMA.
- c) The Parties shall ensure that all project activities will abide by the Grant Terms and Conditions furnished to both Parties by DOI and/or FEMA.
- d) The work shall be led and monitored by key professionals within the entities.

5) Modifications to Scope of Work.

Both parties reserve the right to, upon mutual agreement, modify and make additions to the scope of work outlined herein.

6) Indemnification.

Guam Department of Education. GDOE assumes no liability for any accident, loss, claim, judgment, action or injury that may occur to the Guam Power Authority (GPA) and their Contractors/Consultants and/or the Contractor's/Consultant's officers, directors, agents, servants, subcontractors and/or employees, and/or to the personal property of any such person or entity, arising out of the performance of services under this Memorandum of Agreement except to the extent caused or contributed to by the negligent act or omission of GDOE. In addition, no Board member, officer, agent, or employee of GDOE shall be liable personally under or by reason of this Memorandum of Agreement or any of its provisions. In addition, GDOE assumes no liability for any accident or injury that may occur to GPA, their contractor's/consultant's officers, directors, employees, agents, or dependents while traveling to and from Guam in furtherance of this Agreement. Furthermore, GPA, their Contractors/Consultants shall maintain at their expense all necessary insurance for its employees including but not limited to Worker's Compensation, Errors and Omissions, and liability insurance for each employee as required under U.S. and Guam Law and mandates of this Agreement. GPA, their Contractors/Consultants agrees to hold harmless and indemnify GDOE, its officers, directors, employees, agents, representatives, successors and assigns, for any and all claims, demands, costs, losses, fees, penalties, interest, or damages, including attorney's fees, which may be brought or asserted due to (a) any injury, death, or property damage arising from the negligence or other wrongful or tortuous acts of GPA, or Contractors/Consultants employees, officers, subcontractors, directors, agents, representatives, successors, or assigns, or (b) failure to comply with terms of this indemnification.

GDOE reserves the right to refuse any GPA employee/volunteer/worker to enter GDOE property if they violate any Guam Laws, GDOE policies or procedures. Parties agree to these terms to the extent allowable by Guam Law.

Guam Power Authority. GPA assumes no liability for any accident, loss, claim, judgment, action or injury that may occur to the Guam Department of Education (GDOE) and their officers, directors, agents, servants, subcontractors and/or employees, and/or to the personal property of any such person or entity, arising out of the performance of services under this Memorandum of Agreement except to the extent caused or contributed to by the negligent act or omission of GPA. In addition, no Board member, officer, agent, or employee of GPA shall be liable personally under or by reason of this Memorandum of Agreement or any of its provisions. GDOE agrees to hold harmless and indemnify GPA, its officers, directors, employees, agents, representatives, successors and assigns, for any and all claims, demands, costs, losses, fees, penalties, interest, or damages, including attorney's fees, which may be brought or asserted due to (i) any injury, death, or property damage arising from the negligence or other wrongful or tortuous acts of GDOE employees, officers, subcontractors, directors, agents, representatives, successors, or assigns, or (ii) failure to comply with terms of this indemnification.

7) Laws and Statutes.

Parties agree to the terms within this agreement to the extent allowable by Guam Law and applicable U.S. federal laws.

8) Disputes.

In the event of a dispute which arises from this Agreement, both parties agree in good faith to informally resolve the matter before resorting to legal remedies.

9) Term of this Agreement.

The Term of this Agreement for five (5) years and may be renewed upon termination.

10) Termination.

In the event that one or both parties should require termination of the agreement before the five (5) year period, a 30-day-minimum notification to both parties are required.

The Parties hereby agree to the terms and conditions set forth above, effective _____, 2021.

GUAM POWER AUTHORITY

GUAM DEPARTMENT OF EDUCATION

John M. Benavente, P.E.
General Manager
Guam Power Authority

Jon J.P. Fernandez
Superintendent of Education
Guam Department of Education

Date

Date

EXHIBIT A

GDOE PROJECTS:

- 1. New Simon Sanchez School Project**
 - a.** Final design, procurement and management most especially over the next (eight) 8 months
 - b.** Review scope of work for construction and financing Request For Proposal (RFP)
- 2. Master Facilities Plan Participation**
 - a.** Participate in current Master Facilities Plan activities led by HHF Planners under US Corp of Engineers and US DOI
 - b.** Review facility assessment of 41 schools by November 2021 to prioritize projects as part of a facilities plan that is to be finalized by Dec. 2021.
 - c.** Prioritize, plan and execute capital improvement projects identified in the Master Facilities Planning Process utilizing funding from U.S. Department of Education through the American Rescue Plan (ARP).
- 3. DOI Grant Projects**
 - a.** Work with HHF Planners, US Army Corps of Engineers
 - b.** Pursue other Federal Grants available to GDOE

KEPCO 60 MW Utility Scale Solar PV Plant

KEPCO 60 MW Utility Scale Solar PV Plant

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- Utility-scale solar project owned by KEPCO. Contracted thru a Power Purchase Agreement in 2018 for GPA to **purchase** renewable energy. KEPCO is responsible for construction, operations and maintenance, and retains ownership of the facility at the end of the contract
- Compliance with laws and regulations is KEPCO's responsibility
- Mitigations costs for the recent erosion damage will not be borne by ratepayers
- The amended Commissioning Date is May 2022, but KEPCO had informed GPA they were on track for a Dec 2021 commissioning date
- Ratepayers would be substantially negatively impacted should the project be delayed and worst yet the project not successfully completed.
- The energy to be purchased from the facility would be cheaper than GPA's production fuel cost. The ratepayer's LEAC savings is estimated at \$49M for the first 4-year period.

KEPCO 60 MW Utility Scale Solar PV Plant

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Annual Savings from KEPCO 60 MW Solar Plant Power Purchase Agreement

Calendar Year	2022	2023	2024	2025
Conventional Energy Offsetted	Non-BaseLoad	Non-BaseLoad	Baseload	Piti 8&9
Baseload Energy			625,632,000	20,000,000
Fuel Amount			\$ 85,291,000	\$ 3,072,197
Average \$/kWh			\$ 0.1363	\$0.1536
\$/BBL ULSD	\$ 95.00	\$ 85.00	\$ 85.00	\$ 85.00
Non-Baseload Energy Avg kWh/Gal	11	11		
Average \$/kWh Non-Baseload	\$ 0.2056	\$ 0.1840		
KEPCO Guaranteed kWh Production	149,084,585	147,949,356	147,208,522	146,467,689
KEPCO Guaranteed Rate/kWh	\$ 0.0855	\$ 0.0864	\$ 0.0872	\$ 0.0881
Contract Amount	\$ 12,746,603	\$ 12,776,037	\$ 12,839,183	\$ 12,902,315
GPA Production Fuel Amount	\$ 30,655,921	\$ 27,220,120	\$ 20,068,606	\$ 22,498,880
Ratepayer LEAC Estimated Savings	\$ 17,909,319	\$ 14,444,083	\$ 7,229,422	\$ 9,596,564
Total 1st 4-year Estimated Savings	\$ 49,179,388			



KEPCO 60 MW Utility Scale Solar PV Plant

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Erosion Incident Summary As of August 13, 2021

- **Timeline:**

- On July 23, 2021, Guam Environmental Protection Agency (GEPA) received a forwarded complaint about discharges of runoff and sediment from KEPCO Mangilao Solar Project site.
- On July 23, 2021, GEPA inspected the project site focused on the storm water runoff that blocked access to private landowners' properties in the area.
- On July 24, 2021, GEPA conducted a second inspection at the Marbo Cave area.
- On July 29, 2021, GEPA issued a Notice of Violation (NOV) to Samsung - KEPCO Mangilao Solar LLC's contractor.
 - The NOV stated that Samsung violated 5 provisions of the Guam Soil Erosion and Sediment Control Regulations and must undertaking the remedial actions to comply.
- On August 4, 2021, the Guam Contractors Licensing Board (GCLB) issued a Notice of Violation to Samsung for environmental damage at Marbo Cave.
- On August 5, 2021, the Attorney General (AG) sued KEPCO Mangilao Solar LLC and Samsung for damaging Guam's natural resources and creating a public nuisance.



KEPCO 60 MW Utility Scale Solar PV Plant

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Erosion Incident Summary

Notice of Violation (NOV) Summary & Status:

Action	Description	Status
1	Within 7 days of receipt of order: Complete installation of interim measures intended to capture run-off and sediment prior to off-site discharge from Pond 4 and 5, and coordinate approval of measures with GEPA and then contact GEPA for site inspection upon completion.	Completed
2	Within 14 days of receipt of order: a. Submit to GEPA a revised design for an overflow weir from Pond 1, similar to that provided for Pond 3, to prevent the failure of the pond embankment in the event of an overtopping storm event. b. Complete the installation of the overflow weir at Pond 3, c. Complete active soil stabilization/revegetation measures.	Partially Completed. Samsung is requesting additional time to complete item c.
3	Within 30 days of receipt of order: a. Complete installation of Ponds 2, 4, and 5, b. Complete the installation of overflow weir for Pond 1.	Ongoing. Samsung said that they are on target to comply.
4	Samsung to be on stand by to receive implement additional order items directed toward the clean-up and restoration of off-site properties and resources damaged by run-off and sediment discharges from project site.	

KEPCO 60 MW Utility Scale Solar PV Plant

12

Erosion Incident Summary

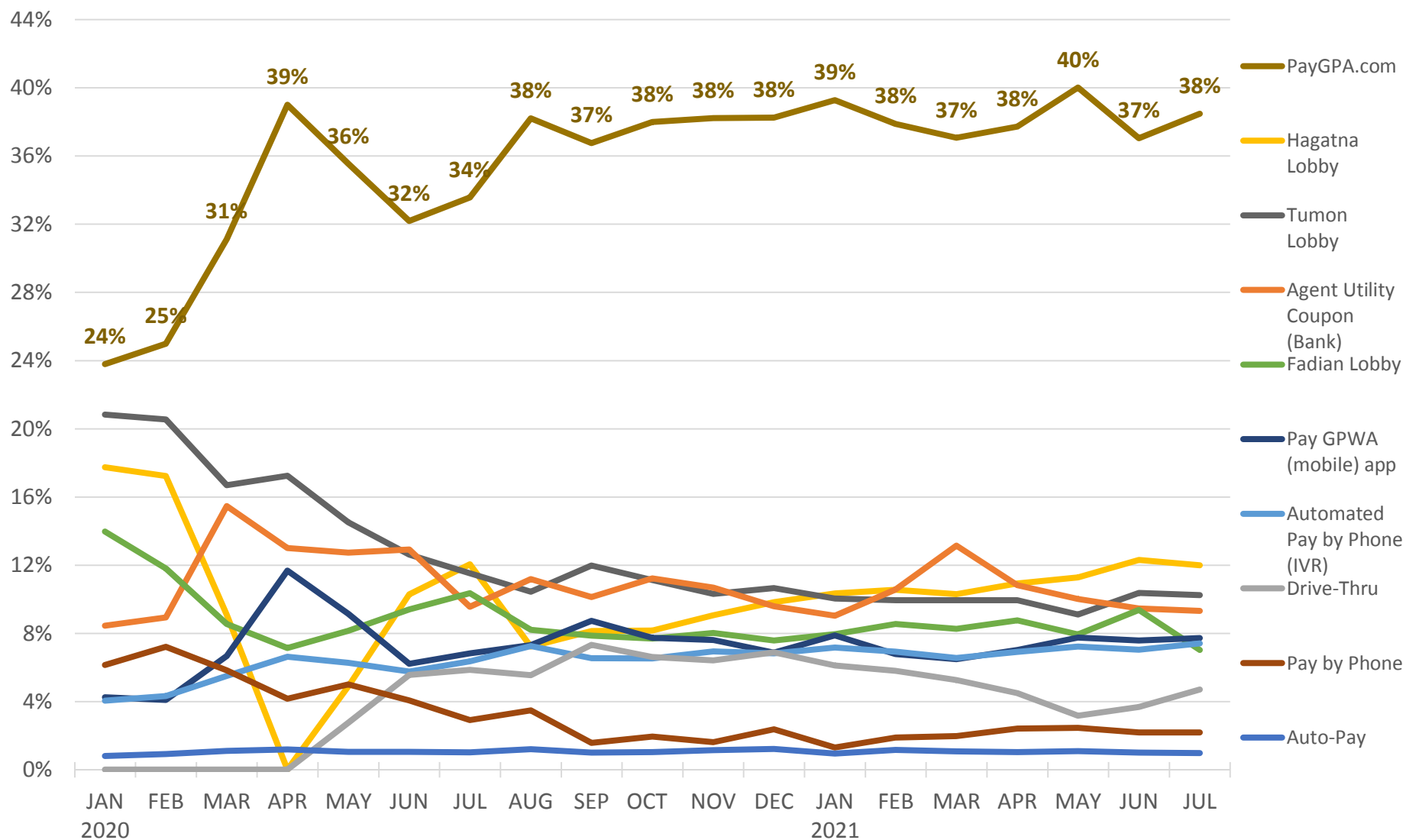
- **PV Project Status:**

- Construction activities continue and progress is approaching 90%.
- KEPCO Mangilao Solar LLC and Samsung have said that they are committed to completing the project in December 2021.

Customer Service (Administration Division)

Percentage of transactions by collection point

January 2020 - July 2021

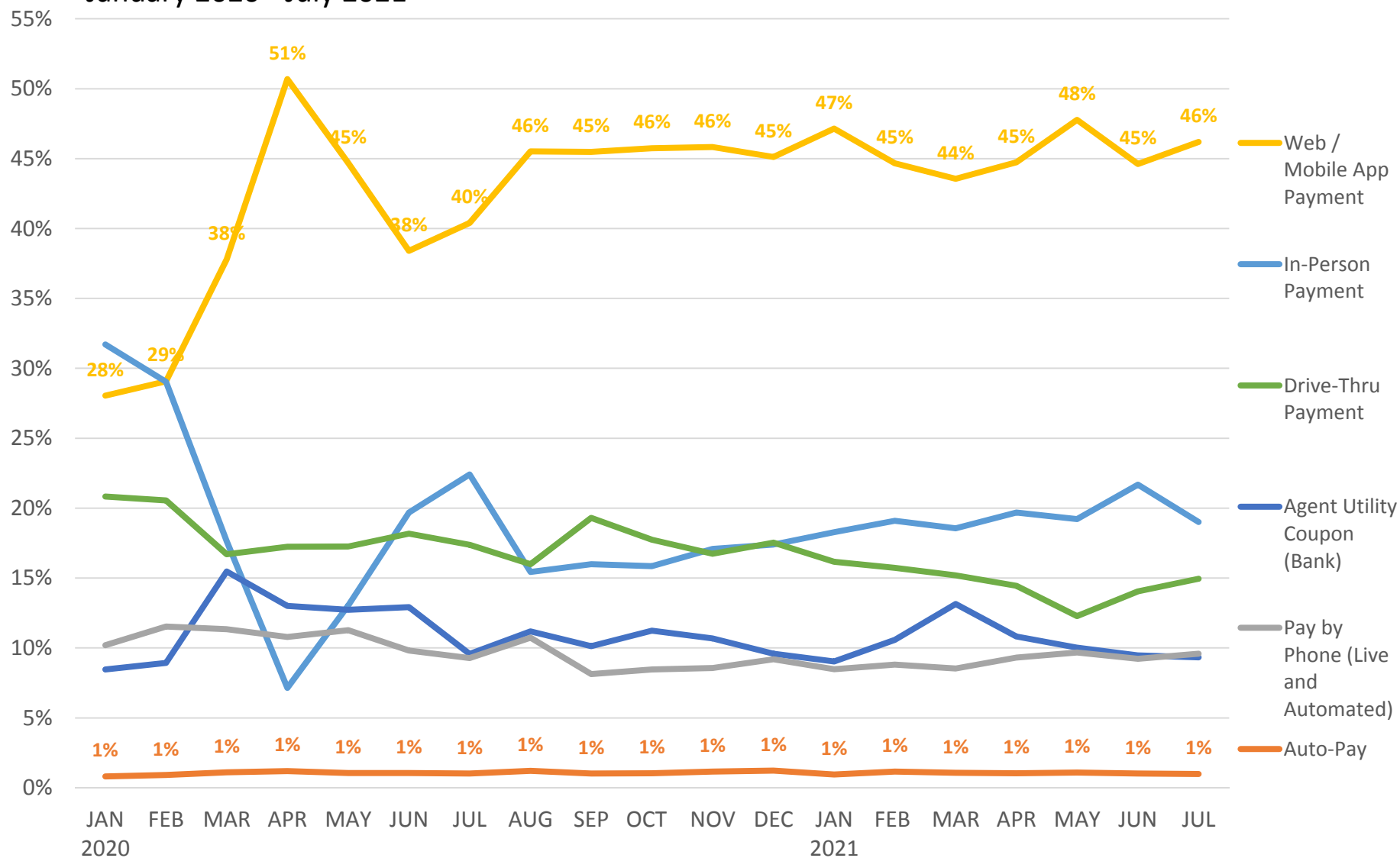


Customer Service (Administration Division)

Percentage of transactions by collection platform type

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

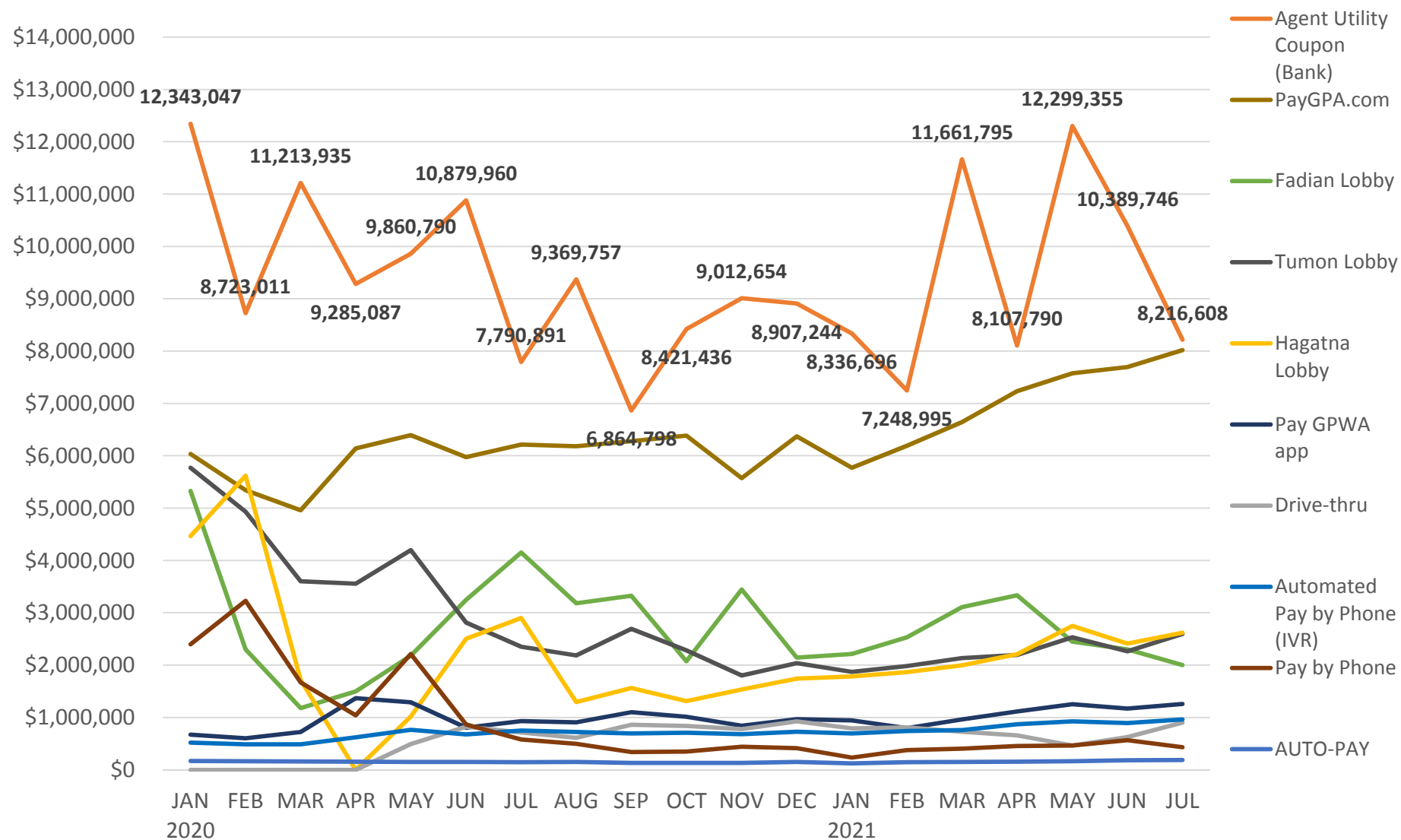
January 2020 - July 2021



Customer Service (Administration Division)

Dollar amount collected per collection point

January 2020 - July 2021

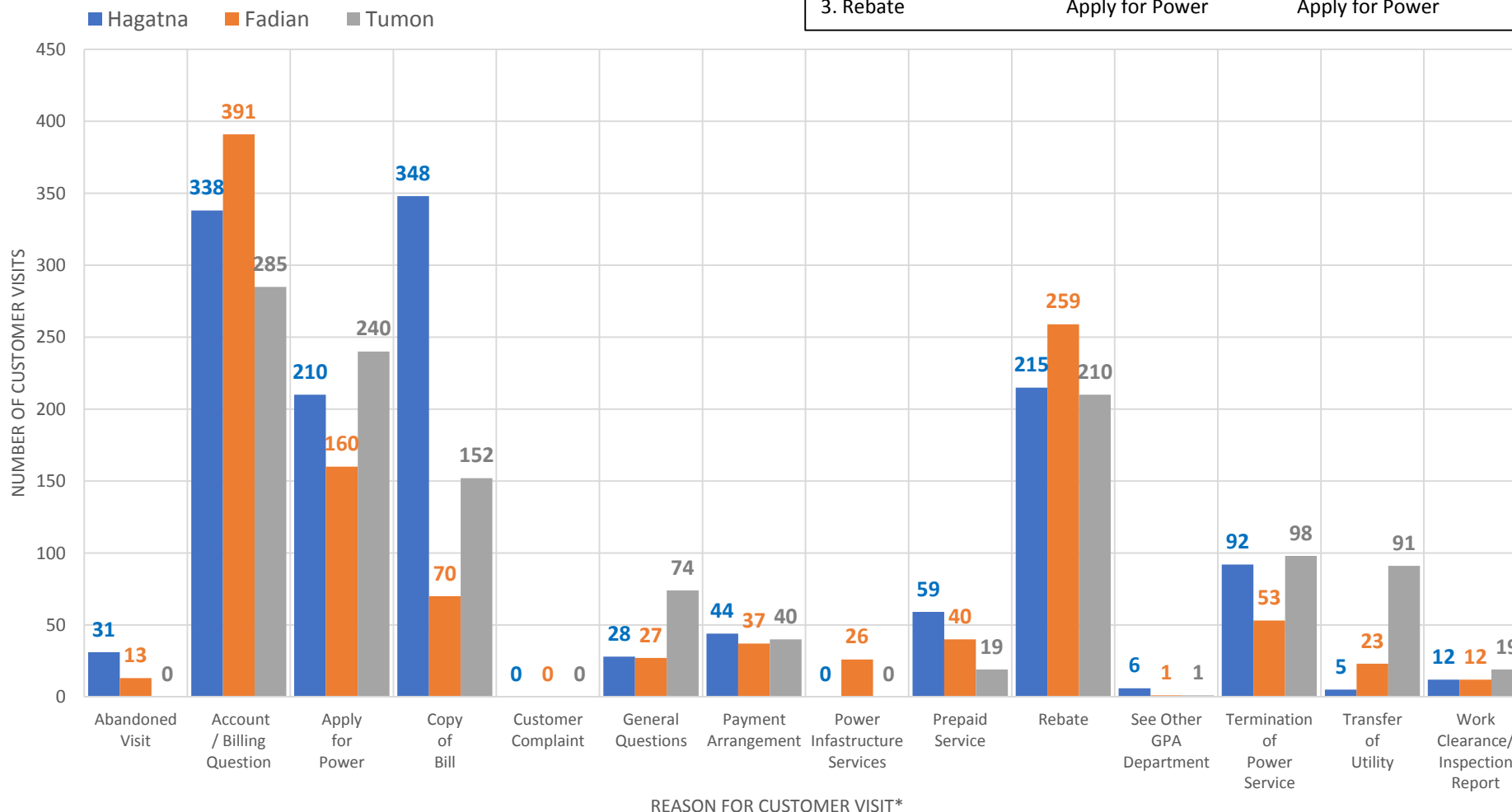


Customer Service (Administration Division)

Reason for Visit by Location

July 2021

Top 3 Reasons for Visit by Location		
Hagatna	Fadian	Tumon
1. Copy of Bill	Acct/Billing Question	Acct / Billing Question
2. Acct/Billing Question	Rebate	Rebate
3. Rebate	Apply for Power	Apply for Power

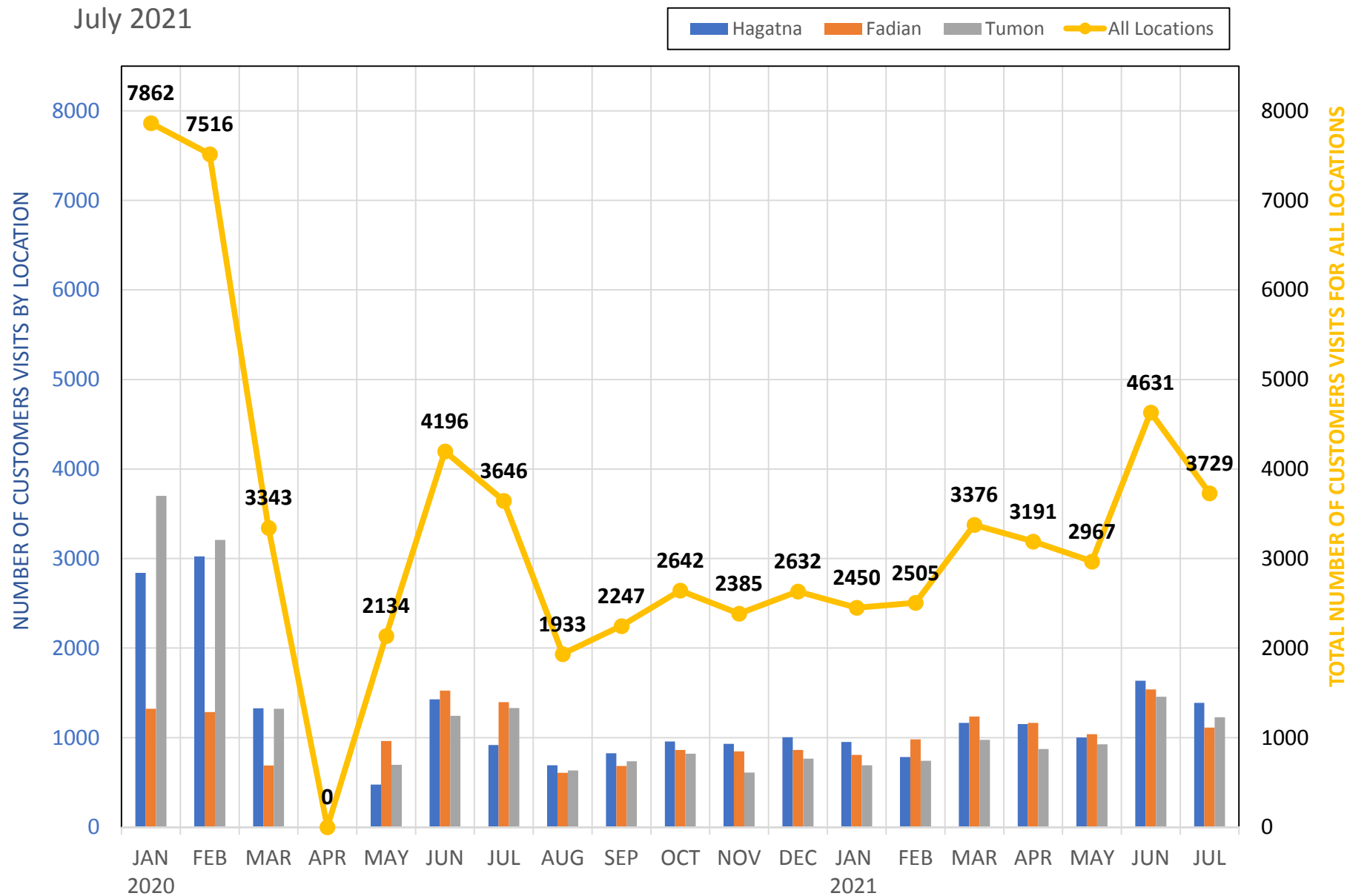


*Each count per **Reason for Customer Visit** represents a customer who visits one of our lobbies. During their visit, the customer will only be counted once, regardless of the number of services provided to the customer. Their reason for visit will be coded based on their initial or primary reason for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

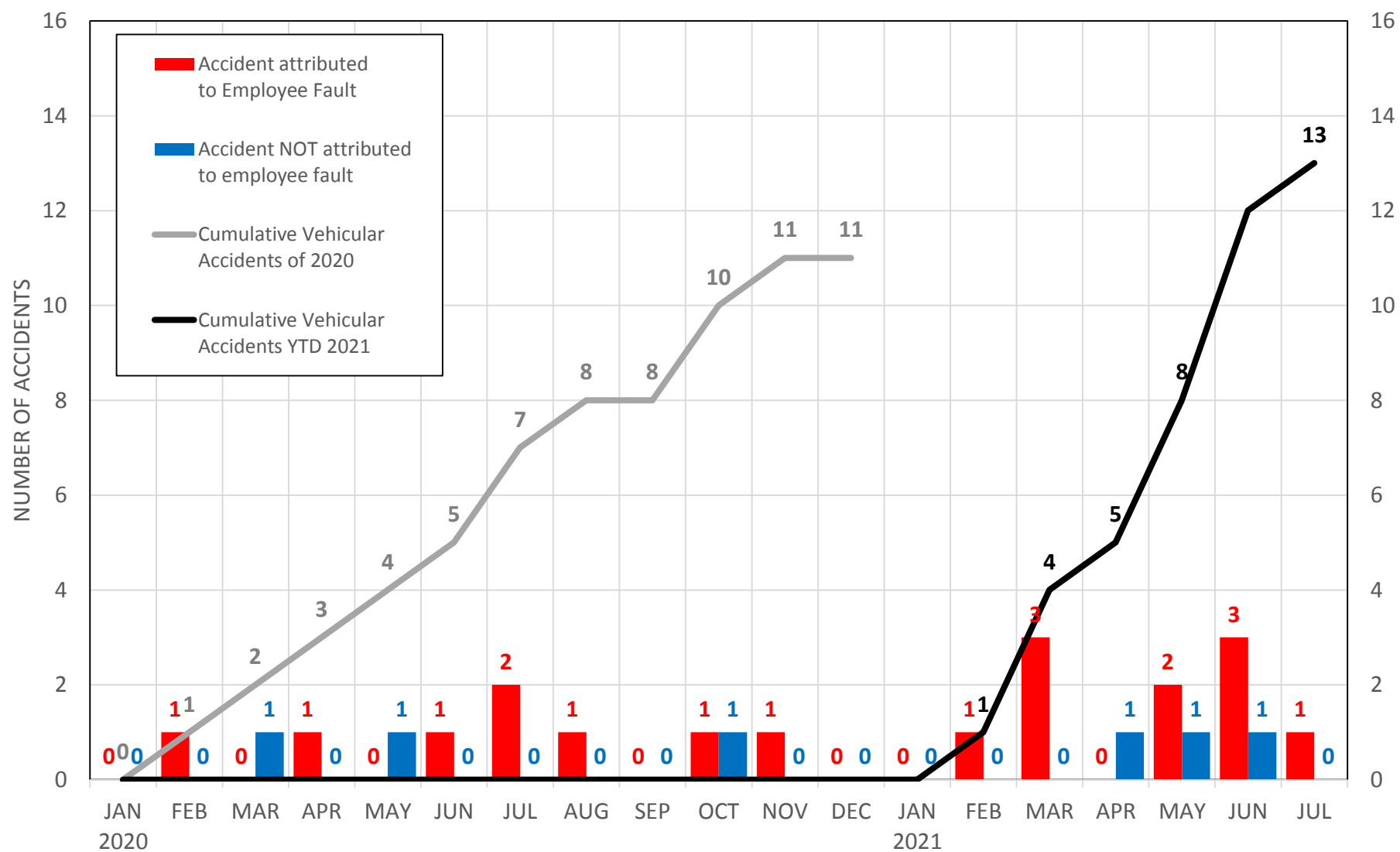
July 2021



Safety (Administration Division)

Vehicular Accidents

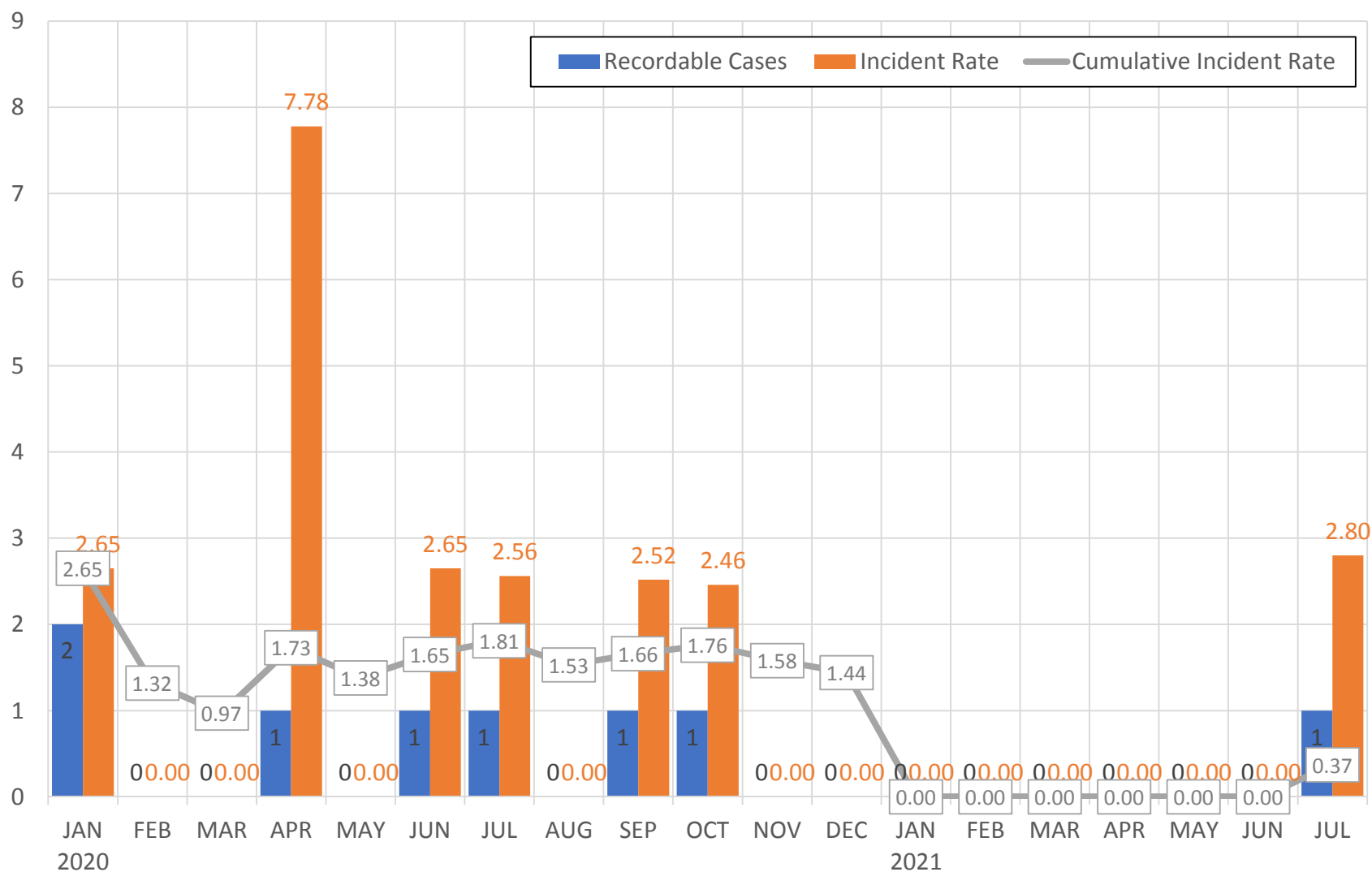
July 2021



Safety (Administration Division)

Incident Rate

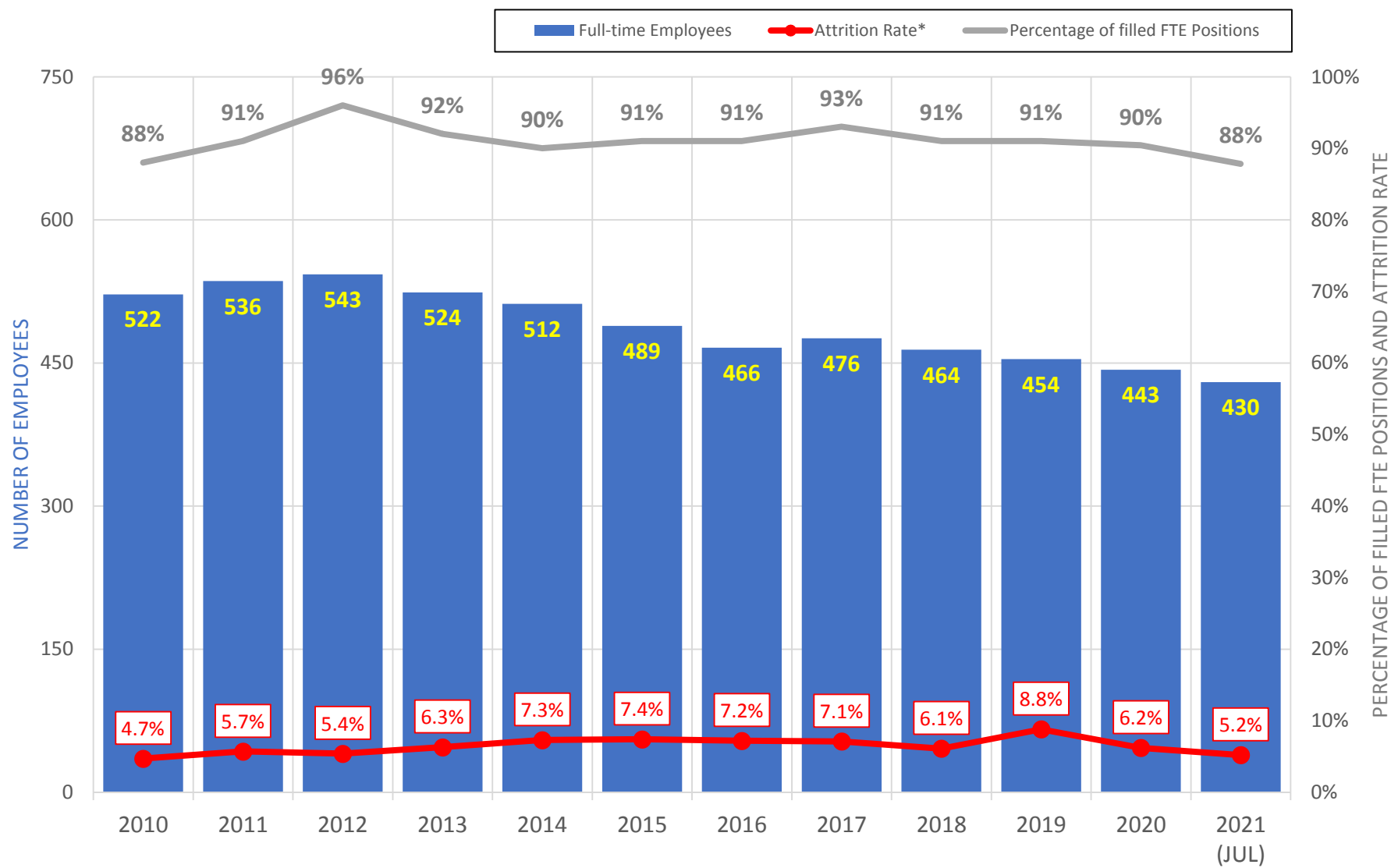
July 2021



Human Resources (Administration Division)

Recruitment Analysis

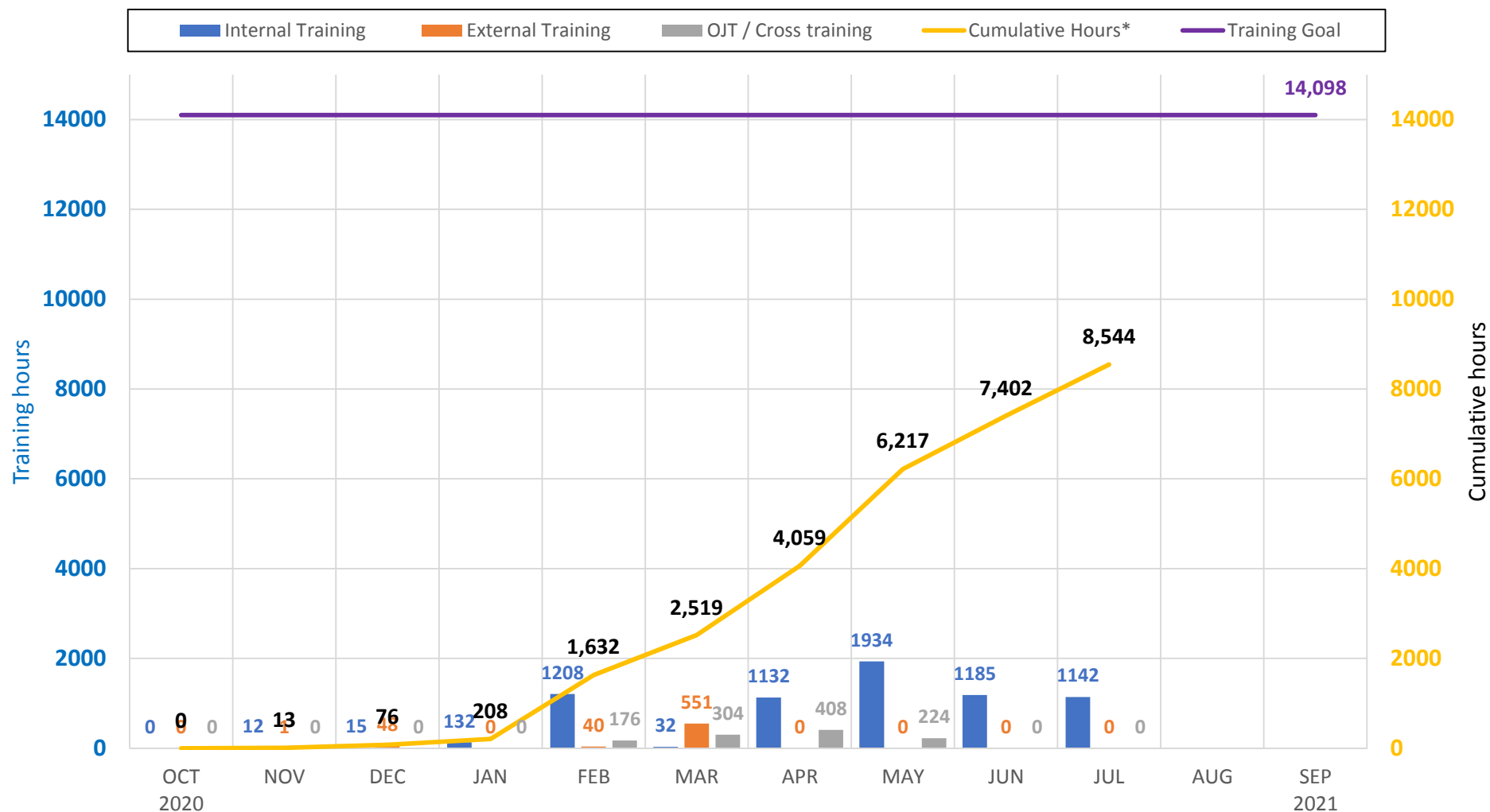
July 2021



*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 July 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 July 2021, GPA has achieved 60.60% progress towards its cumulative hours training goal.

Procurement (Administration Division)

Notable BID (RFP and IFB) monthly status update

July 2021

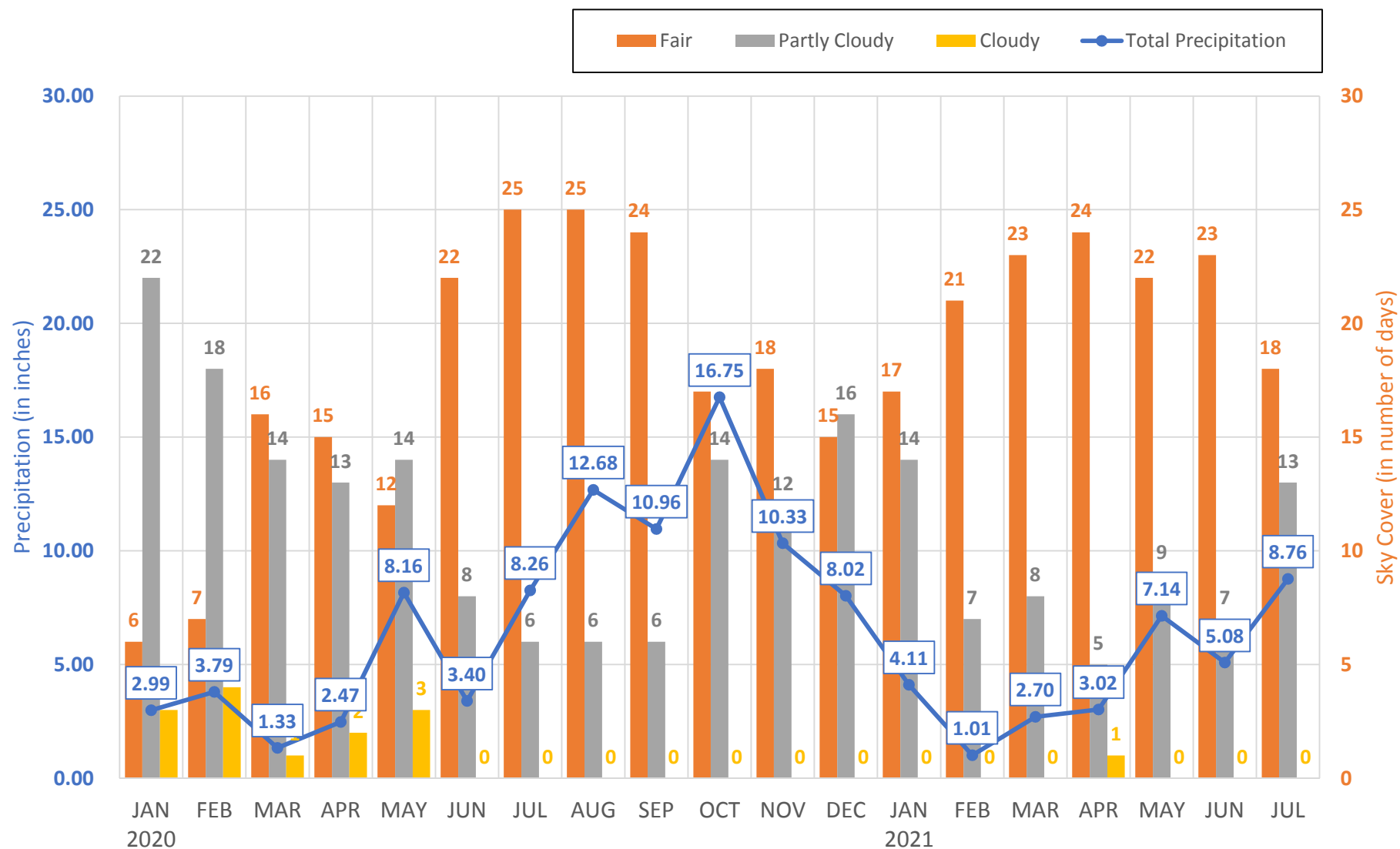
RFP NO.	DESCRIPTION	DATE ADVERTISED	RFP Closing	STATUS (as of 7/31/2021)
GPA-RFP-21-003	Meteorological Tower Quality Assurance Audit	03/04/2021 03/11/2021	03/26/2021 at 2pm	In progress (previously re-issued) - Vendor selected, PO send for budget approval.
GPA-RFP-21-004	Rebate Program Marketing Services	05/04/2021 05/11/2021	06/01/2021 at 3:00pm	In progress - Committee to schedule meeting for scoring of proposals.
GPA-RFP-21-005	Merchant Services	05/25/2021 06/01/2021	06/18/2021 at 4pm	In progress - Bid evaluation date scheduled for 08/16/2021 at 9am.
GPA-RFP-21-006	GPA ERP System Phase II Upgrade	07/08/2021 07/15/2021	08/05/2021 at 2pm	In progress - Bid opening date scheduled for 08/05/2021 @ 2:00pm.

IFB NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 7/31/2021)
GPA-039-21	New 2021 50-Ton Trailer	06/03/2021 06/10/2021	08/12/2021 at 10am	In progress - Amendment No.3 issued to extend bid opening til 8/12/21 at 10am.
GPA-043-21	Protection Relays	07/27/2021	08/11/2021 at 11am	In progress - to be announced for second time on 08/03/2021.
GPA-044-21	Corrective Maintenance for Wind Turbine Power Plant	05/27/2021 06/03/2021	07/01/2021 at 10am	Bid opening scheduled, however, no submittals, will inform end-user of re-bid.
GPA-048-21	(New) 2021 65 Foot 4x4 Bucket Trucks	06/17/2021 06/24/2021	7/7/2021 at 11am	In progress - Amendment No.4 issued to change cut off date for questions to 08/04/2021.
GPA-049-21	Desktop Computers	07/08/2021 07/15/2021	7/22/2021 at 11am	In progress - bid opened, Procurement sent email to IT on bid committee selection memo.
GPA-050-21	(New) 2021 Heavy Duty Tractor Truck	07/27/2021	08/10/2021 at 10am	In progress - to be announced for second time on 08/03/2021
GPA-051-21	Pole Mounted Transformers	06/29/2021 07/06/2021	07/13/2021 at 11am	In progress - bid committee evaluation completed on 07/30/2021 at 2:30pm.
GPA-052-21	LED Luminaire, 250W equivalent	06/29/2021 07/06/2021	07/14/2021 at 10am	In progress - received committee recommendation, forwarded for management approval.
GPA-054-21	LED Luminaire, 250W equivalent	06/29/2021 07/06/2021	07/15/2021 at 10am	In progress - Purchase order generated, forwarded to budget for approval.
GPA-055-21	Bracket, Mast Arm Streetlight Aluminum	06/29/2021 07/06/2021	07/15/2021 at 11am	In progress - bid opened with only one submittal, to be evaluated by Committee.
GPA-056-21	Wire	07/08/2021 07/15/2021	07/22/2021 at 2pm	In progress - bid evaluation scheduled for 08/04/2021.
GPA-057-21	Bolt, Double Arming Galvanized, 5/8" x 20"	07/08/2021 07/15/2021	07/22/2021 at 3pm	In progress - Vendor selected, Purchase order at budget for certification.

Guam Climate Summary

Sky Cover and Precipitation

January 2020 - July 2021



E&TS Divisional Report Summary

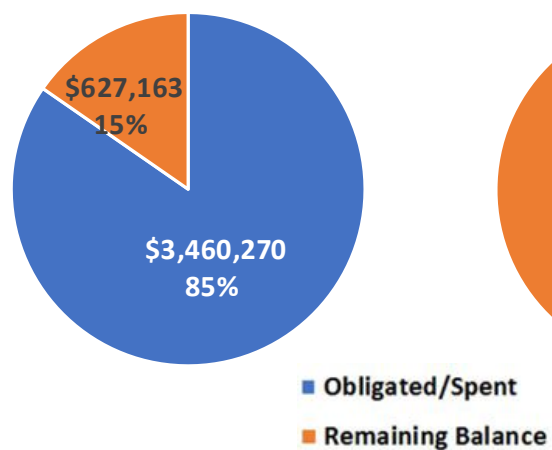
July 31, 2021

Contents

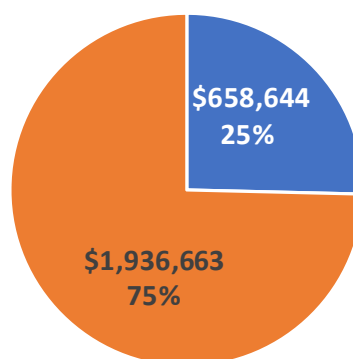
- E&TS Budget Execution Performance
 - O&M Contract Budget
 - CIP Budget
 - DSM Budget
- Environmental Compliance (SPCC and BMP Inspections)

E&TS Budget Execution Performance

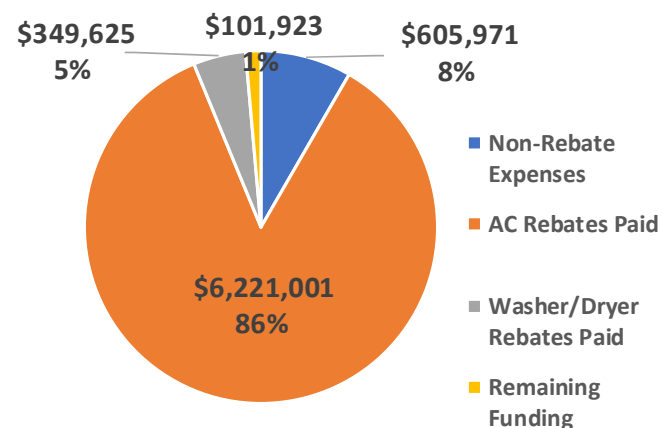
E&TS O&M Contract Budget



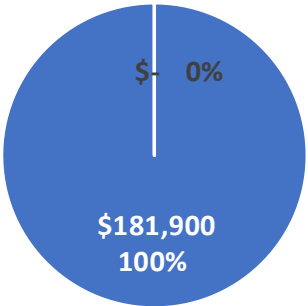
E&TS CIP Budget



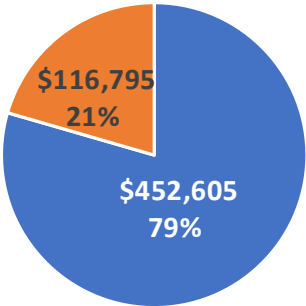
OCT 2016 to APR 2021 DSM EXPENSE SUMMARY



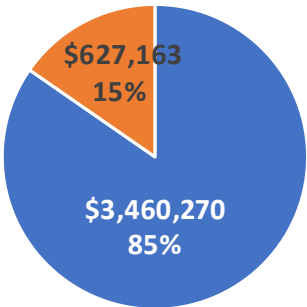
ENG O&M Contract Budget



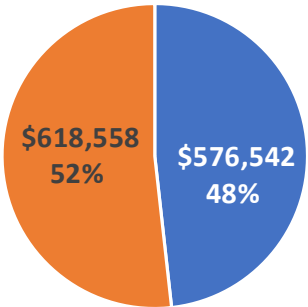
SPORD O&M Contract Budget



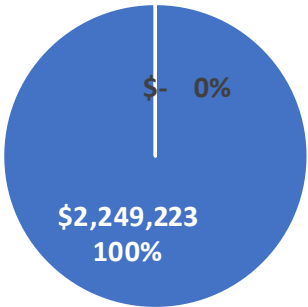
E&TS O&M Contract Budget



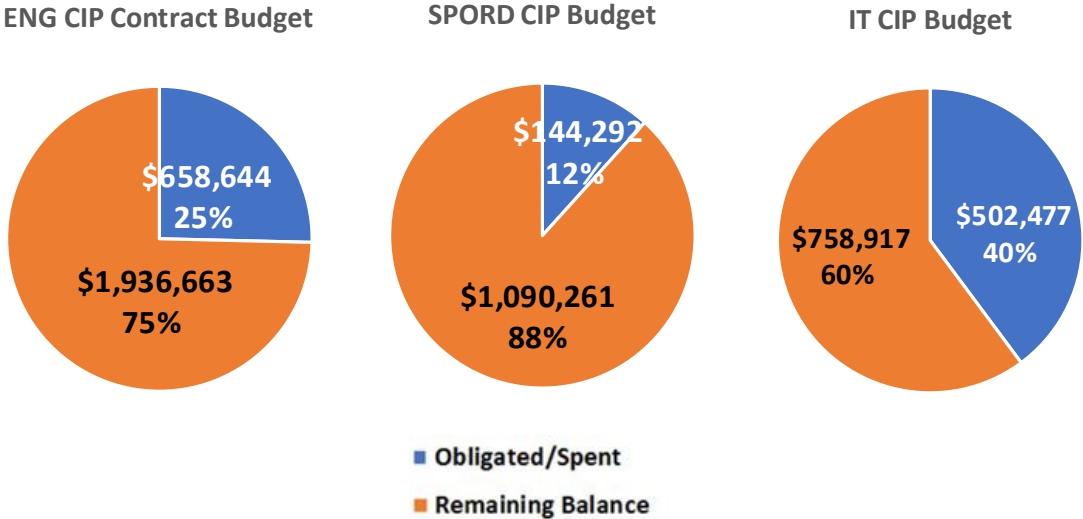
P&R O&M Contract Budget



IT O&M Contract Budget



■ Obligated/Spent
■ Remaining Balance



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
SPORD	3	1	4	8					5	1	4	10
Engineering	0	0		0			0	0	0	0		0
SPORD/Engineering				0								0
IT	4	1	1	6	1				2	2		4
P&R		2	1	3			1		1	1		2
Total	7	4	6	17	1	0	1	0	8	4	4	16

Environmental Compliance

P&R Inspections Status Ending July 31, 2021

Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	12
		Remediations Past Due	10
		Remediations Not Past Due	0
	T&D	New Violation Notifications Issued	3
		Remediations Past Due	1
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	3
		Remediations Past Due	2
		Remediations Not Past Due	0

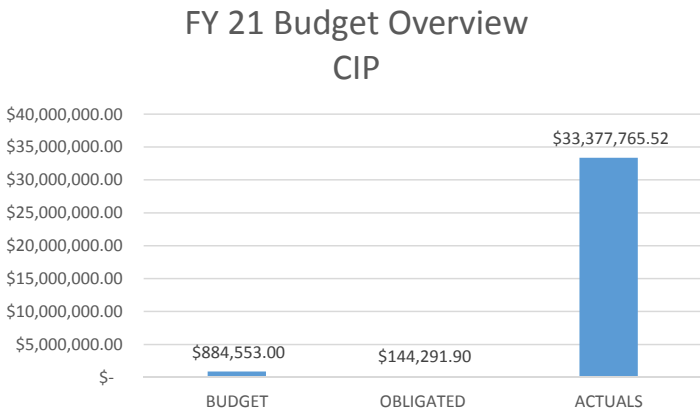
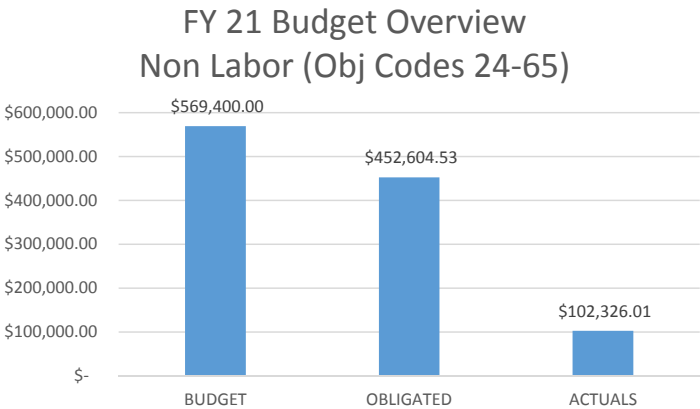
- SPCC rule purpose is to help facilities prevent oil discharges into navigable waters or adjoining shorelines
- BMP refers to a type of auxiliary pollution controls in the fields of industrial wastewater control and municipal sewage control, storm water management, and wetland management

SPORD CCU Report

Update thru July 31, 2021

SPORD FY 2020 Budget Status

thru July 31, 2021



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

SPORD FY 2020 Budget Status

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

Contract Description	Budgeted Amount	Committed Amount	Actuals	PO Balance
Aggreko Contract	\$ 3,867,541	\$ 3,867,541	\$ 3,867,262	\$ 279
Fuel Contracts	\$ 207,702,457	\$ 194,490,360	\$ 152,914,034	\$ 41,576,326
MEC IPP (Piti 8&9)	\$ 18,764,855	\$ 16,955,569	\$ 11,088,674	\$ 5,866,895
Glidepath Contract (Renewable)	\$ 10,190,073	\$ 10,190,073	\$ 7,867,027	\$ 2,323,046

SPORD FY 2020 Budget Status

Demand Side Management

Description	FY16	FY17	FY18	FY19	FY20	FY21	Total to Date
						Posting Thru 7/31/21	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$136,013.19	\$293,857.19
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	-	\$72,650.00	\$306,481.05
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	\$1,289,350.00	\$6,193,801.00
Paid Rebates-Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$2,300.00	\$27,200.00
Paid Rebates-Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$80,397.00	\$349,625.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$1,554,690.19	\$1,608,806.18	\$1,580,710.19	\$7,179,964.24
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$254.25	\$6,044.87
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$410.00	\$5,632.32

*Preliminary Data as of 7/31/21

DSM Ending Balance: \$ 1,308,963.18

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
 - *July 2021 Project 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 - August 19, 2021 - DIVISION REPORTS

No.	Project Description	July 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 (193,004 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 84% completed. Factory Acceptance Testing (FAT) for switchgear and SCADA completed. - 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: Guam EPA/ USEPA - Ukudu Plant air permit under USEPA technical review. GPA/KEPCO team met with GEPA regarding pre-application air permit for the DG plant. KEPCO submitted EIA and Single Source Determination Request for the DG Plant to EPA. GWA - KEPCO/GWA reviewing tri-party water supply & wastewater discharge agreement draft. KEPCO/Doosan proposal for phosphate removal submitted and under review. Pipeline Activities - Shovel Testing and Boring are completed. EPCM Contract - New EPCM RFP obtained PUC approval under the procurement protocol. Buffer Zone Issue - GPA seeking to get waiver through legislature. Section 106 - Team met with Navy to discuss Section 106. Navy said that they need 30% design for the pipeline construction in the area of the bull cart trails to be included in the Research Design.	ECA Project COD -Target November 2023	MS GPA-034-18
4	DSM Marketing	- GPA has selected a contractor.	July 2021	
5	DSM Rebate Program	Processed 667 applications for rebates totaling \$190K in the reporting period (July 2021).	Continuous	

GPA Work Session - August 19, 2021 - DIVISION REPORTS

No.	Project Description	July 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 June 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. Materials for Agueda Johnston Middle School LED Lighting Retrofit (\$586,771) and Maria Ulloa Elementary School LED Lighting Retrofit (\$522,616) have been delivered. 2. GPA coordinating with GDOE POC on site logistic (staging, accesss, etc.) 3. LED Retrofit ongoing at Maria Ulloa Elementary School. Est. completion (construction) August 12, 2021. LED Retrofit at Agueda Johnston Middle School Planned for Early August 2021. 4. 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	Project Implementation completed. Requesting Clevest for additional picture taking feature.	May '21	GPA-RFP-18-013
11	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	Two Preliminary Reports received end of June 2021. GPA reviewing reports.	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. Second Milestone Payment completed on April 2021. 100% Design est. completion by October 2021.	IN PROGRESS	(N/A)

GPA Work Session - August 19, 2021 - DIVISION REPORTS

No.	Project Description	July 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. Energy Management Plan ongoing. 2. EnergySmart Schools Conference planned for Nov. 2021.	GEO MOA Finalize: Sept '19 Grant Scope Completion: Dec. '21	
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 closing project. Project discontinued as of 6/30/2021. Contract expired 6/30/2021.	Start: October 2011 Completion: Redesignation and SIP work (pending from GPA) completed, but AAQM discontinued as of 6/30/2021.	RFP-11-001

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GPA Work Session - August 19, 2021 - DIVISION REPORTS

No.	Project Description	July 2021 Activities	Status / Est. Completion	RFP/Bid No
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: September 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 ContractTerm: 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
31	Reliability Studies	No additional work requested by AGMETS.	Est. Completion: TBD (same as IRP)	(No consultant)
32	RFO Testing Services Contract	Contract awarded to SGS Guam ContractTerm: 2-year base period w/ 3 Year Extn Option	2-year base period: 9/1/2020-8/31/2022	MS IFB GPA-013-20
33	DSM Digitization	On-Prem Server connection was established. GPA Alpha testing completed. Xtendly to update timeline and UAT based on testing results. Go-Live estimated around mid-to-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 July 31, 2021

All Expenses – Fiscal Year

Description	FY16	FY17	FY18	FY19	FY20	FY21	Total to Date
						Posting Thru 7/31/21	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$136,013.19	\$293,857.19
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	-	\$72,650.00	\$306,481.05
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	\$1,289,350.00	\$6,193,801.00
Paid Rebates- Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$2,300.00	\$27,200.00
Paid Rebates- Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$80,397.00	\$349,625.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$1,554,690.19	\$1,608,806.18	\$1,580,710.19	\$7,179,964.24
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$254.25	\$6,044.87
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$410.00	\$5,632.32

**Preliminary Data as of 7/31/21*

DSM Funding

No.	Description	Amount
1	Initial DSM Budget FY 2016	\$1,806,014.00
2	Interest Income	\$6,044.87
3	Bank Fees	\$5,632.32
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 Jul 2021)	\$2,867,339.20
5	Total Expense FY2016– FY2020 (Ending May 2020)	\$4,355,078.30
6	Total Expense FY2020 –FY2021 (June 2020 to Jul 2021)	\$2,824,885.94
	DSM Ending Balance – LEAC Funds	\$1,308,963.18

**Preliminary Data as of 7/31/21*

FY 2020- Rebate Amount Paid Monthly

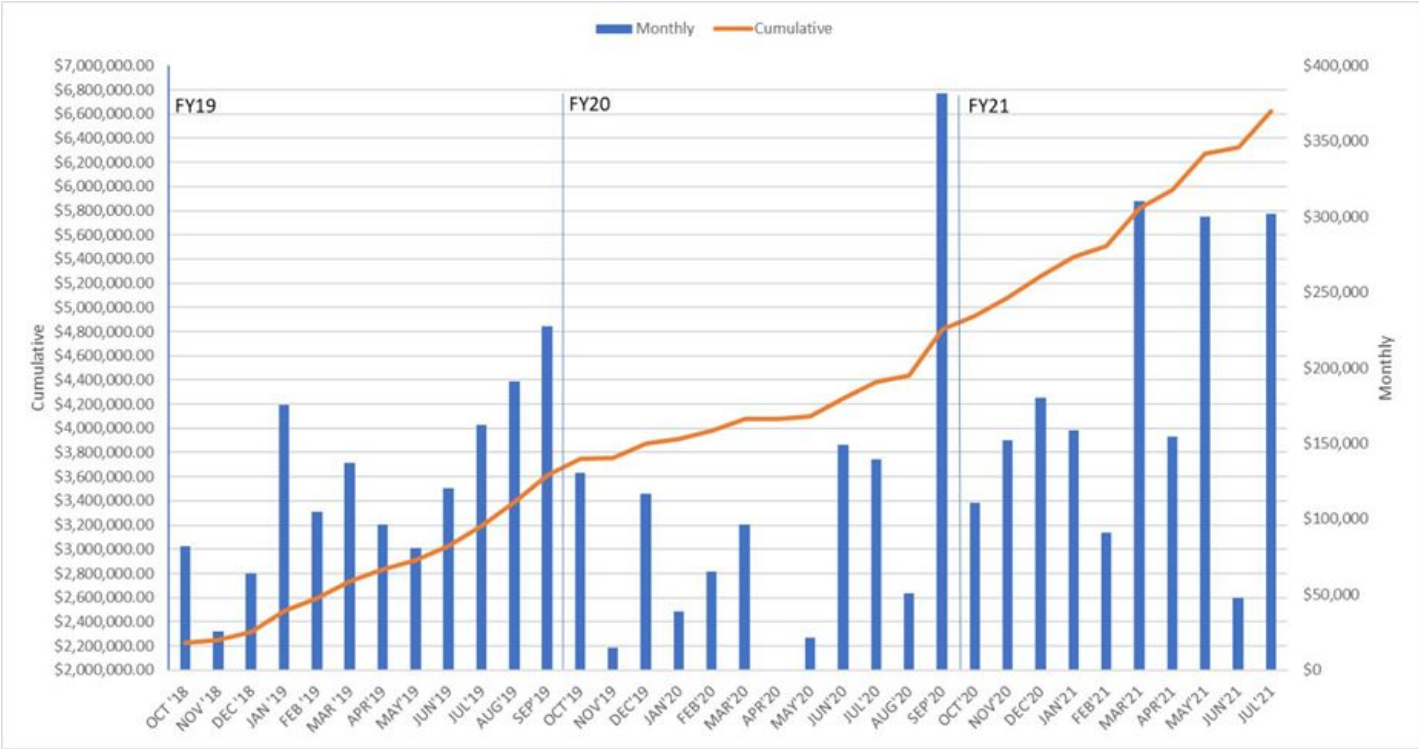
Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '19	\$130,450.00	\$119,350.00	\$500.00	\$10,600.00
NOV '19	\$14,900.00	\$14,300.00	\$0.00	\$600.00
DEC '19	\$116,775.00	\$105,875.00	\$500.00	\$10,400.00
JAN '20	\$39,050.00	\$36,650.00	\$0.00	\$2,400.00
FEB '20	\$65,050.00	\$60,450.00	\$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	\$ 301,875.00	\$ 280,675.00	\$ 1,000.00	\$ 20,200.00
AUG '21				
SEP '21				
TOTALS	\$ 1,807,575.00	\$ 1,708,575.00	\$ 3,800.00	\$ 95,200.00

**Preliminary Data as of 7/31/21*

FY'19- FY'21 Rebate Amount Paid



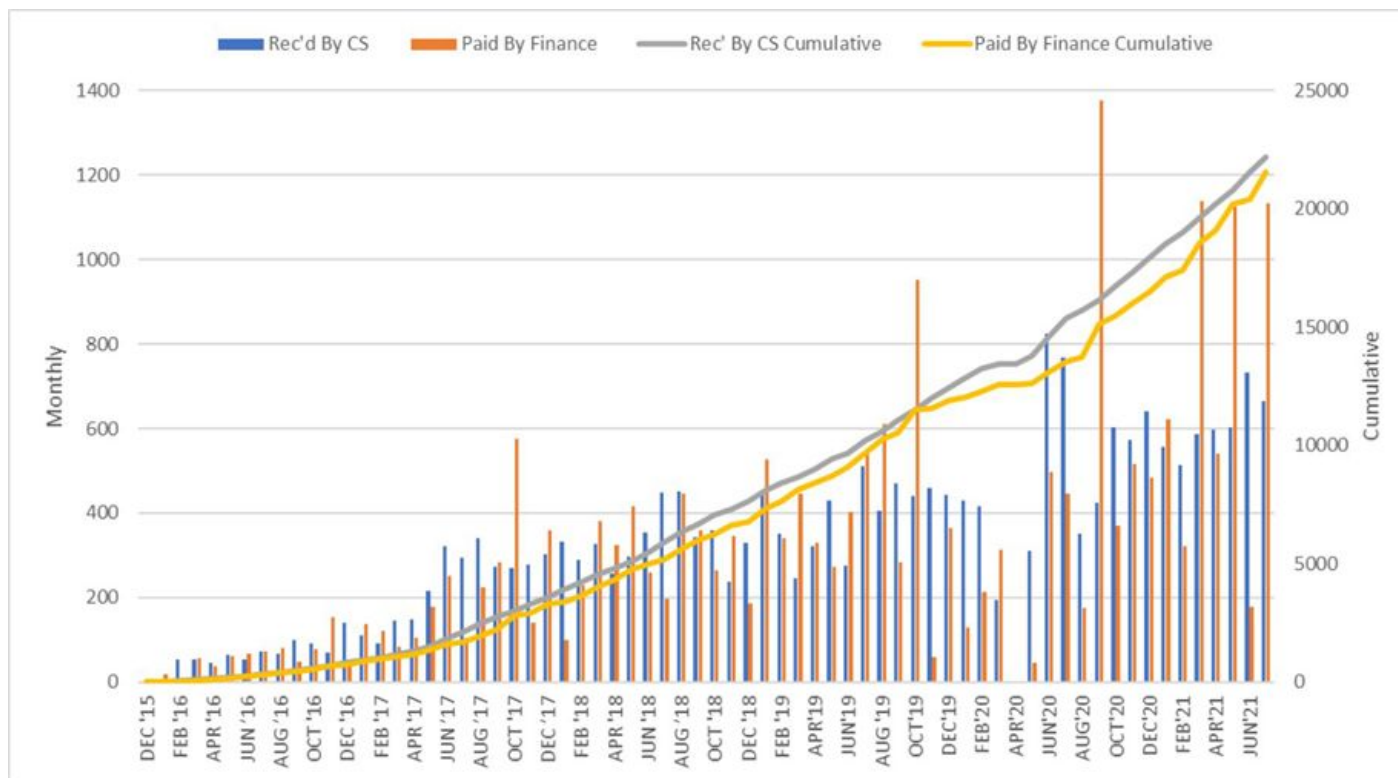
FY 2020 Number of Applications Received By Customer Service and Paid Monthly

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	665	1133
AUG '21		
SEP '21		

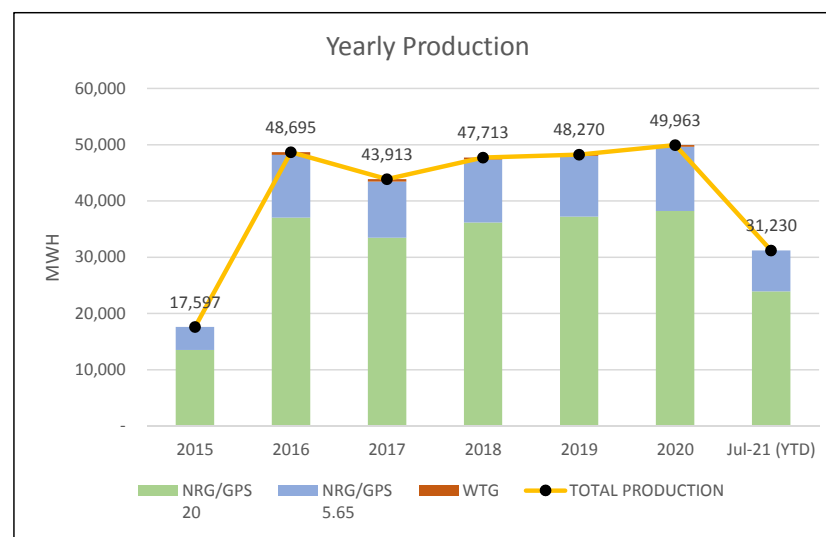
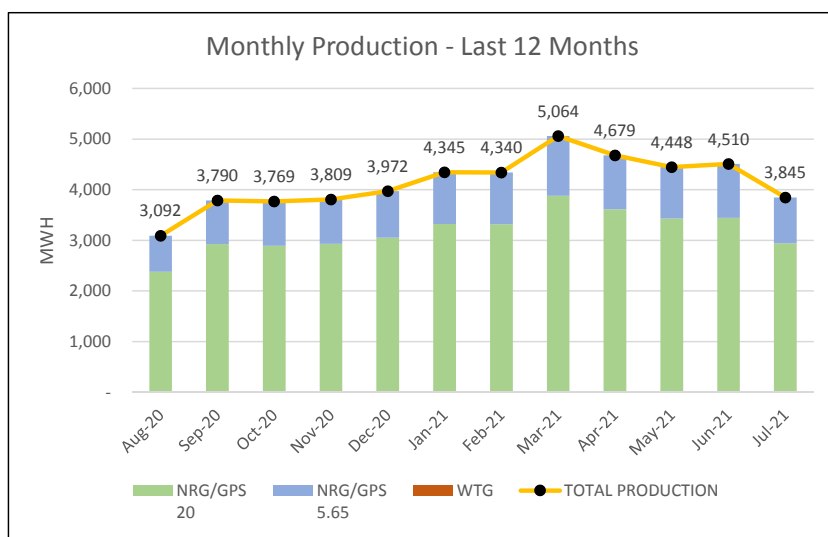
FY'18 - FY'21 Number of Applications Received By Customer Service and Paid



Renewable Energy Production CCU Report

July 31, 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
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
Jul-21	2,938.64	906.25	-	3,844.90
Total	35,195.30	10,620.78	-	45,816.08

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
Jul-21 (YTD)	23,946.75	7,283.05	-	31,229.80
Total	219,633.74	65,938.41	1,808.57	287,380.72

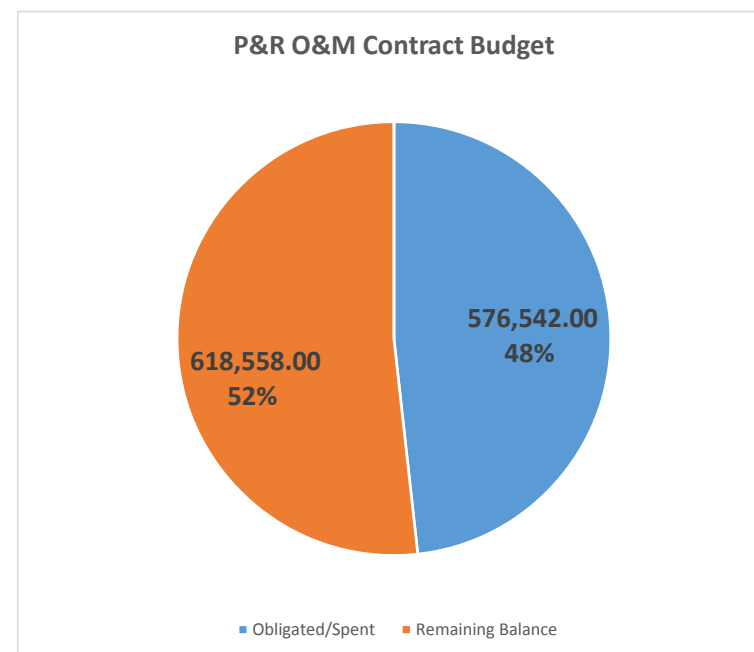
- NRG / GPS = Phase I Solar
- WTG = Wind Turbine Generation
- Data as of June 2021 in MWH

Planning & Regulatory CCU Report

July 31, 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)
 - 48.0% O&M Obligation as of July 31, 2021 (Actual)



P&R Weekly & Monthly Inspection Reports

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

P&R Inspection Report Purpose

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

Weekly BMP Report

WEEKLY BMP REPORT SUMMARY CABRAS POWER PLANT MONTH OF JULY 2021									
<div> <div>LEGEND OF TRACKING</div> <div> <div>Notification Date</div> <div>Completed</div> <div>Within Scheduled Remediation Period</div> <div>Deadline is Past Due</div> </div> </div>									
LOCATION	WE 07/09/21 FINDINGS	WE 07/16/21 FINDINGS	WE 07/23/21 FINDINGS	WE 07/30/21 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
CABRAS FACILITY	Fuel Treatment House C3&4 - Oil in trench/sump pit	Corrective action completed			Pump out oil ASAP	2/5/2021	ASAP	7/1/2021	
	C3&4 building ground- oil in the pit	C3&4 building ground- oil on the pit	C3&4 building ground- oil on the pit	C3&4 building ground- oil on the pit	Remaining oil must be pumped out to prevent accidental overflow due to rainwater accumulation	6/12/2020	ASAP		
	C3&4 building ground - Improper storage of insulation materials and scrap metals at C3&4 power house	Corrective action completed			Conduct cleanup	7/8/2021	ASAP	7/16/2021	
		Dumpster area - Some household items were dumped	Dumpster area - Some household items were dumped	Dumpster area - Some household items were dumped	Dispose	7/16/2021	ASAP		

Weekly BMP Report

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

LEGEND OF TRACKING



Notification Date

Within Scheduled Remediation
Period

Completed



Deadline is Past Due

LOCATION	WE 07/09/21 FINDINGS	WE 07/16/21 FINDINGS	WE 07/23/21 FINDINGS	WE 07/30/21 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
CABRAS FACILITY			Cool water intake - corroded intake covers	Cool water intake - corroded intake covers	Chip corrosion recoat	7/23/2021	ASAP		
	C1&2 Oil/Sludge Tank - Heavily corroded tank cover	C1&2 Oil/Sludge Tank - Heavily corroded tank cover	C1&2 Oil/Sludge Tank - Heavily corroded tank cover	C1&2 Oil/Sludge Tank - Heavily corroded tank cover	Replace tank cover - One tank cover replaced, other one in progress	1/8/2021	ASAP		
				Tank #2 Secondary Containment - used oil-contaminated pads & paints	Dispose items	7/30/2021	ASAP		

T&D SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF JULY 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 & T55	Rainwater and dirt inside secondary containment of Tank 191/192	Remove rainwater				ASAP	July 2021
DEDEDO SUBSTATION WAREHOUSE	Transformer Storage Area	Scrap metal in the area	Dispose				ASAP	July 2021
	Used Transformer Oil Tank Storage Area	Used waste pads in the area	Remove and dispose				ASAP	July 2021
MACHECHE SUBSTATION	Secondary Containment	NO CORRECTIVE ACTION						
TALOFOFO SUBSTATION	Secondary Containment	Water accumulation in sec. containment #T80 transformer	Drain Water					April 2021
TENJO SUBSTATION		NO CORRECTIVE ACTION						
YIGO SUBSTATION	Secondary Containment	NO CORRECTIVE ACTION						

Generation SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT

MONTH OF JULY 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
	Used Oil Tank Supply Pipe	Oil leak	Conduct repair					July 2021
	Used Oil Tank Pump	Oil leak	Conduct repair					July 2021
	Cabras 3&4 Generator Building	Oil coming out from the trenches	Remove oil and conduct cleanup					July 2021
	Cabras 1&2 Diesel Tank & C3&4 Service Tanks Secondary Containment	Water accumulation	Drain Water					July 2021
DEDEDO CT	OWS Containment	Rainwater in secondary containment	Drain water				ASAP	July 2021
MACHECHE CT	Tank No. 140	Corrosion on tank wall	Remove rust and repaint	Corrective action completed		July 2021	ASAP	January 2021
	Tank T-130/140	Surface corrosion	Remove corrosion, repaint				ASAP	July 2021
	OWS Pipeline	Pipe disconnected	Verify/repair				ASAP	July 2021
	Water Softener Tank	Leaking from disconnected pipe	Verify/repair				ASAP	July 2021
	Tank Metal Foundation	Rust buildup on foundation (several locations)	Remove rust, repaint				ASAP	January 2021
YIGO CT		NO CORRECTIVE ACTION						

Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT MONTH OF JULY 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		
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		
		Secondary Containment	Cracks on sec. containment floor deck	Repair, seal cracks				ASAP	July 2021		
TALOFOFO DIESEL		NO CORRECTIVE ACTION									
TENJO DIESEL		NO CORRECTIVE ACTION									

Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT MONTH OF JULY 2021								
LEGEND OF TRACKING								
<div></div> Notification Date				<div></div> Completed				
<div></div> Within Scheduled Remediation				<div></div> Deadline is Past Due				
POWER PLANT								
LOCATIONS	FINDINGS		RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
YIGO DIESEL	Generator #13	Oil on the floor of storage	Conduct cleanup				ASAP	July 2021
	Pipeline	No secondary pipeline on aboveground pipeline	Chip corrosion & repair				ASAP	July 2021
	Generator #20 & #26	Contaminated soil from oil leak found on ground outside of generator	Clean up and properly dispose of contaminated soil				ASAP	May2021
	Generator #26	Contaminated soil from oil leak found on ground outside of generator	Conduct cleanup and properly dispose of contaminated soil				ASAP	June 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
	Old Pitl PP structure	improper storage of open drums filled with resin & mixed water	Properly dispose of drums				ASAP	July 2021

PLANNING & REGULATORY DIVISION REPORT

The following summarizes P&R's activities for the month of July 2021

INSPECTIONS/MONITORING

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

CONSENT DECREE

- Submitted Semi Annual Report for July 2021 to US EPA R9 and Dept. of Justice

EMISSIONS TESTING

- Review emissions testing reports
- Quarterly emissions testing at Yigo Diesel coordination

ENVIRONMENTAL DISPOSAL & MITIGATION

- Coordination and monitoring of the used oil/water disposal operations of Piti and Cabras Tanks
- Provided KEPCO/DOOSAN information re. disposal of remaining RFO from old Tanguisson Fuel line.
- Contaminated waste disposal from transportation

SPCC / ABOVEGROUND STORAGE TANK (AST) PERMIT

- PO for RY 2021 AST permit renewal pending issuance of PO from Procurement.

PROCUREMENT

Coordination with procurement on the following bids:

- OR#33750 – Environmental Emergency Response Contractor- Bid is on going
- GPA RFP-21-003 MET Tower Quality Assurance Audit – Completed Price review and accepted Best and Final Offer
- Participated in the procurement process for 10KW Generator (GPA-032-21)
- WSD Bid Committee Evaluation Member (ATS/Tanks) GPA-010-21
- OR 35319 Environmental Engineering and Technical Services – Submitted SOW to Procurement

REPORTING

- Monthly/Quarterly NSPS reporting for Cabras, CT's and Diesel plants submitted to GEPA and US EPA
- Submitted NPDES Quarterly DMR Report via EPA online NetDMR Reporting Tool

UKKUDU POWER PLANT

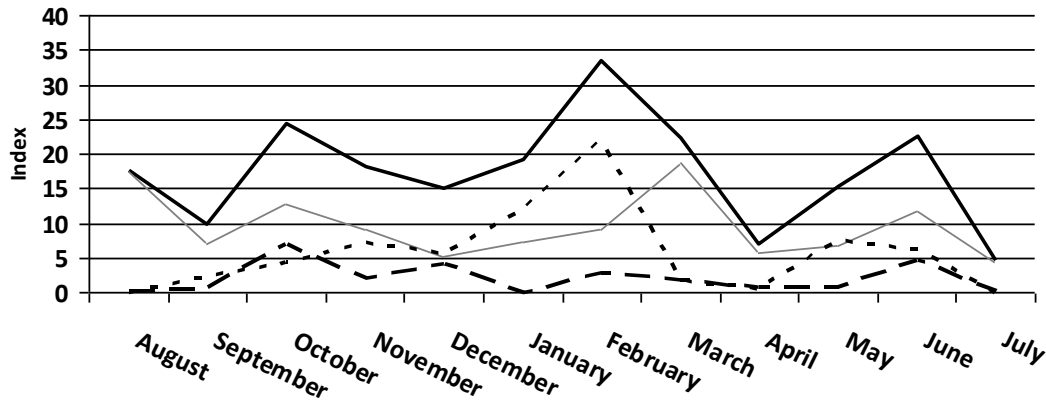
- Weekly update conference calls:
 - Air Permitting with contractors
 - All other Permitting and status updates with contractors
 - GPA Internal discussions with Stanley
- Other:
 - Face to Face meeting with Stanley Consultants (Chuck and Larry) and KepCo (Mr. Son, Mr. Moon, et al)
 - Attended meeting with GEPA, KEPCO, and GPA. The purpose of the meeting is to provide KEPCO's finance advisor a better understanding of the environmental permitting process and Guam EPA's insight of the GUP Project.
 - Reviewed GPA GUP Contract in regards to Control of DG Site
 - Lenders Review
 - Investigated old oil leak on Tanguisson Pipeline in the MTM area off Roy T. Damian St.

OTHER

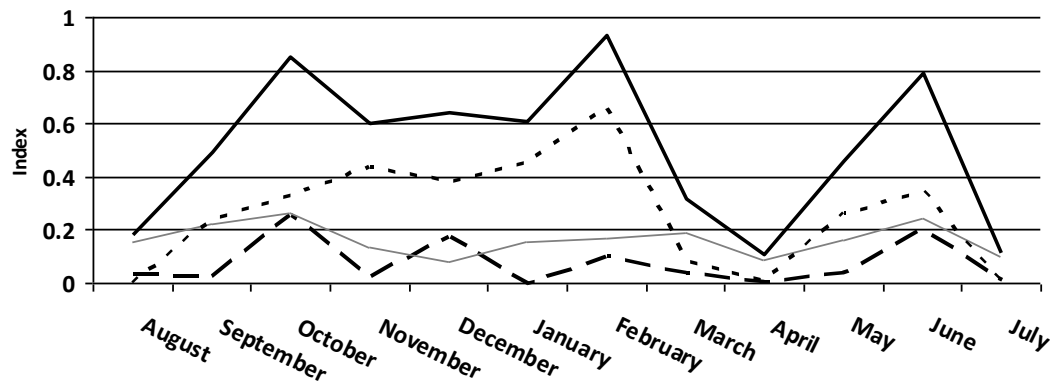
- Provided Information to the GM
 - Wind data and maps around DG Site
 - Area map of Macheche CT
- Summer Internship Programs:
 - DYA Youth Employment Internship – working with DYA/GDOE to submit progress reports, timesheets, etc, for the interns
 - Summer Engineering Internship
- Yigo CT Turbine replacement – Assisting Generation CT in coordinating with Guam EPA on replacement
- ADV project (USEPA/Guam EPA in collaboration with GPA, Guam Port Authority and Navy:
 - New fence relocation completed by IP&E contractor
 - Removal of existing fence along shoreline completed
- Submit Diesel Emission Reduction Act Grant to USEPA



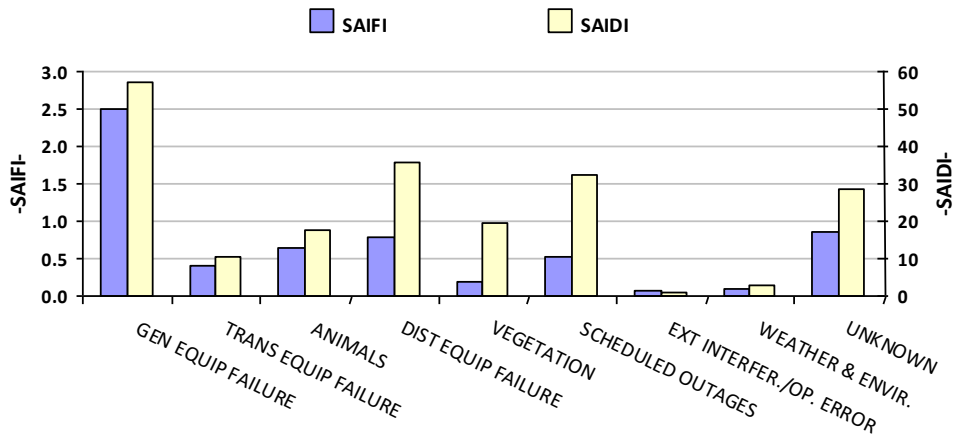
(Item 1.1,1.2,1.5) July 2021 SAIDI = 209.45 ↓ (230.16)



(Item 1.1,1.2,1.5) July 2021 SAIFI = 6.10 ↓ (6.33)



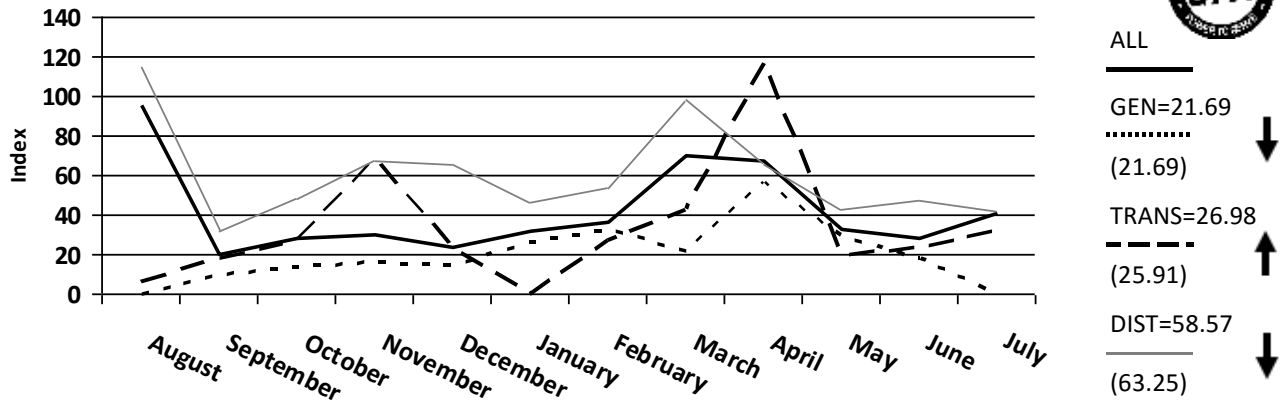
(Item 1.9) 12 Month Cause Contributions to Reliability



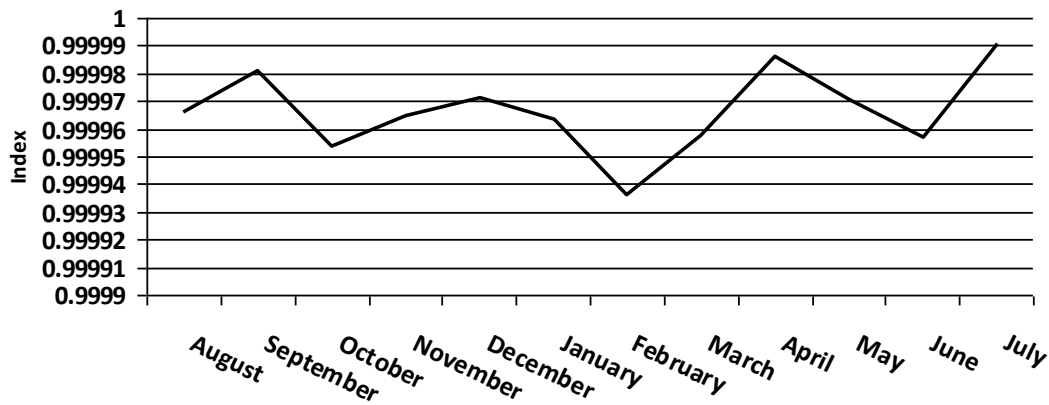
GEN EQUIP FAILURE
F:37.5% D:27.8%
TRANS EQUIP FAILURE
F:5.8% D:5.1%
ANIMALS
F:7.2% D:8.5%
DIST EQUIP FAILURE
F:14.0% D:17.5%
VEGETATION
F:3.0% D:9.5%
SCHEDULED OUTAGES
F:19.1% D:15.7%
EXT INTERFER./OP. ERROR
F:0.9% D:0.5%
WEATHER & ENVIR.
F:0.9% D:1.5%
UNKNOWN
F:11.4% D:14.0%

As of July 31, 2021

(Item 1.1,1.2,1.5) July 2021 CAIDI = 34.32 ↓ (36.38)



(Item 1.1,1.2,1.5) July 2021 ASAI = 0.9996 UNC* (0.9996)



(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P340	11
2	P250	7
3	P003	5
4	P220	5
5	P294	5

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
432	203	229

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Overhead Equipment	46
2	Vegetation	13
3	Underground Equipment	12
4	Snakes	9
5	Wind	2

(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
64.39	3.22	20.02

NET METERING

July 2021

	<u>Quantity</u>	<u>Connected kVA</u>
Completed	2,197	26,764
Pending	1	7
Grand Total	2,198	26,771

Rate Class and Technology			
Technology	Schedule	Customer Count	Total kW
Solar Energy	R - Residential	2,048	19,612.55
	J - Gen Service Dmd	61	3,850.05
	K - Small Gov Dmd	11	358.10
	L - Large Government	2	122.80
	P - Large Power	12	1,140.70
	G - Gen Serv Non-Dmd	54	1,597.22
	S - Sm Gov Non-Dmd	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		2,197	26,763.82

Projection Date Ending 12/31/2021					
Customer Rate Class	Sum of Size (kW)	*Annual Projected kWh Generated	Non-Fuel Yield \$/kWh	Estimated Annual Revenue Loss	
R	19,616.15	31,801,556	0.000000	\$	2,780,890.72
J	3,850.05	5,406,265	0.000000	\$	668,754.67
K	358.10	567,352	0.133883	\$	75,958.81
L	122.80	202,126	0.129809	\$	26,237.83
P	1,140.70	1,386,230	0.000000	\$	152,416.00
G	1,597.22	2,559,257	0.145397	\$	372,108.42
S	78.80	124,251	0.147902	\$	18,377.01
Grand Total	26,763.82	42,047,037		\$	4,094,743.45

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

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

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

NET METERING

July 2021

Customer Count and Connected kW by Feeder						
Status	Feeder	Net Metering Connected kW	Customer Count	% of Feeder Maximum kW	% of Feeder Minimum Daytime kW	
Completed	P-005	336.63	30	19.5%	39.2%	
	P-046	300.29	36	7.1%	10.8%	
	P-088	762.98	81	12.7%	20.1%	
	P-089	647.81	79	14.5%	34.9%	
	P-111	216.00	5	4.0%	7.0%	
	P-203	776.09	46	10.4%	29.4%	
	P-204	150.38	17	3.2%	6.6%	
	P-205	44.00	5	0.9%	1.6%	
	P-210	809.75	66	15.8%	21.5%	
	P-212	1,098.52	106	26.6%	68.7%	
	P-213	353.33	16	13.5%	18.1%	
	P-220	210.41	23	34.6%	108.5%	
	P-221	612.80	63	13.9%	27.7%	
	P-223	690.15	65	29.0%	41.4%	
	P-240	58.55	2	0.9%	7.9%	
	P-245	259.60	7	5.2%	11.1%	
	P-250	1,425.85	131	21.9%	38.5%	
	P-251	160.50	8	6.5%	10.0%	
	P-253	843.75	66	18.8%	29.6%	
	P-262	1,200.84	121	31.5%	75.6%	
	P-270	562.21	44	11.0%	22.3%	
	P-271	433.37	20	7.4%	15.6%	
	P-272	296.17	21	11.6%	26.3%	
	P-280	640.45	34	35.6%	66.2%	
	P-281	204.90	5	7.3%	20.4%	
	P-282	231.75	6	6.2%	18.7%	
	P-283	756.95	60	20.9%	35.9%	
	P-294	1,382.82	129	31.9%	63.3%	
	P-301	233.76	24	16.5%	29.4%	
	P-311	1,350.59	70	33.9%	57.9%	
	P-322	2,131.88	120	28.1%	55.8%	
	P-323	316.52	21	6.7%	20.8%	
	P-330	722.51	89	13.3%	26.7%	
	P-331	834.73	92	13.2%	21.4%	
	P-332	849.18	79	15.1%	22.0%	
	P-340	601.49	52	33.2%	73.0%	
	P-087	1,605.46	157	40.9%	64.0%	
	P-252	646.73	37	15.3%	31.3%	
	P-321	430.16	38	7.7%	8.6%	
	P-260	99.76	10	14.5%	49.9%	
	P-067	86.20	10	1.0%	1.3%	
	P-312	82.24	5	4.9%	5.7%	
	P-206	26.08	3	2.7%	4.8%	
	P-242	23.75	2	0.4%	1.1%	
	P-310	181.57	8	6.6%	12.1%	
	P-261	510.06	54	18.4%	31.6%	
	P-201	115.86	10	3.3%	5.8%	
	P-007	85.86	8	11.9%	25.3%	
	P-244	86.56	3	4.9%	5.0%	
	P-202	76.70	5	2.4%	5.7%	
	P-341	4.30	1	0.4%	1.6%	
	P-401	117.00	2	10.3%	17.3%	
	P-400	58.34	4	6.1%	6.2%	
	P-241	19.72	1	0.5%	0.7%	
Completed Total		26,763.82	2,197			
pending	Pending	7.31	1	0.0%	0.0%	
pending Total		7.31	1	0.0%	0.0%	
Grand Total		26,771.13	2,198			
Feeders highlighted in yellow indicates renewable energy capacity has reached 25% of minimum daytime load.						
Feeders highlighted in red indicates renewable energy capacity has reached 75% of minimum daytime load.						

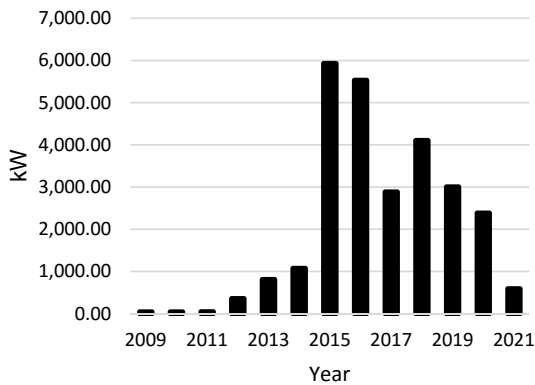
NET METERING

July 2021

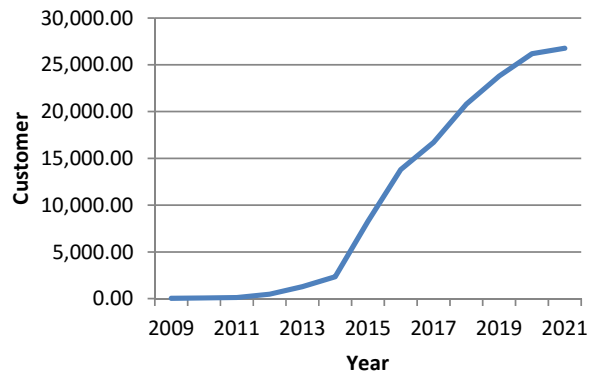
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	354.61	474.88
2013	808.15	1,283.03
2014	1,072.04	2,355.07
2015	5,926.44	8,281.51
2016	5,527.93	13,809.43
2017	2,881.10	16,690.53
2018	4,103.13	20,793.66
2019	3,002.17	23,795.83
2020	2,380.16	26,175.99
2021	587.83	26,763.82
Grand Total	26,763.82	

Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	6	15
2012	27	42
2013	66	108
2014	94	202
2015	562	764
2016	530	1,294
2017	297	1,591
2018	292	1,883
2019	190	2,073
2020	97	2,170
2021	27	2,197
Grand Total	2,197	

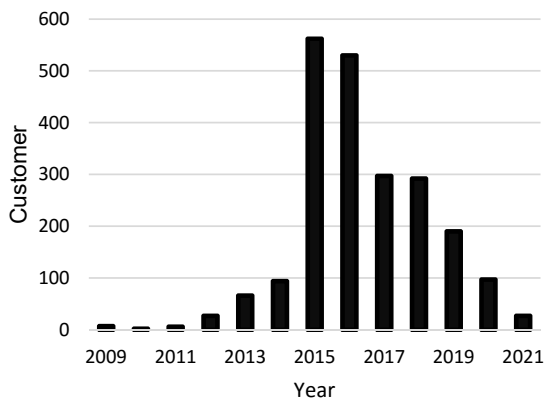
Yearly Installed kW



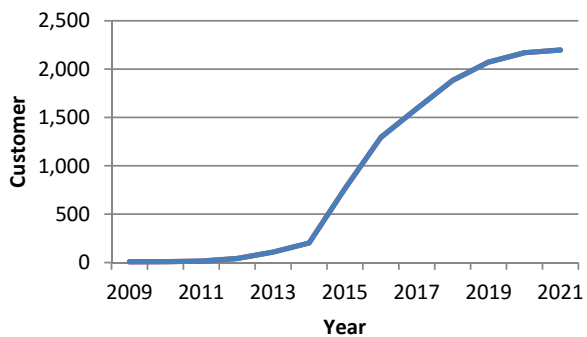
Cumulative Installed kW



Yearly Connected Customer Count



Cumulative Connected Customer Count





Production Data
31-Jul-21

SYSTEM											
YEAR	MONTH	# of DAYS	GROSS GENERATION	FUEL CONSUMPTION		GROSS FUEL EFFICIENCY (Target ≥ 15.99 kWh/gal)	COST per GROSS kWh	GROSS HEAT RATE (Baseloads) PUC Target less than 9,600	GROSS HEAT RATE (Peaking) PUC Target less than 13,600	Ave. MW	Peak MW
				(gal)	(bbl)						
2019	Jan	31	134,551,799	9,056,271	215,626	14.86	\$ 0.1172	9,677.80	11,506.72	181	224
	Feb	28	122,596,954	8,257,791	196,614	14.85	\$ 0.1152	9,592.63	11,923.40	182	226
	Mar	31	139,964,506	9,489,626	225,943	14.75	\$ 0.1309	9,586.39	12,331.54	188	234
	Apr	30	143,583,892	9,385,611	223,467	15.30	\$ 0.1249	9,597.50	11,794.45	199	244
	May	31	154,541,037	10,653,233	253,648	14.51	\$ 0.1378	9,854.93	12,008.47	208	254
	June	30	152,035,851	10,394,927	247,498	14.63	\$ 0.1378	9,756.34	11,985.93	211	255
	July	31	151,991,559	10,148,056	241,620	14.98	\$ 0.1230	9,789.72	11,505.06	204	251
	Aug	31	147,598,476	9,960,397	237,152	14.82	\$ 0.1259	9,622.68	11,430.55	198	253
	Sept	30	139,744,390	9,678,417	230,438	14.44	\$ 0.1259	10,019.86	11,676.24	194	243
	Oct	31	147,131,892	9,789,114	233,074	15.03	\$ 0.1294	9,742.17	12,670.15	198	247
	Nov	30	144,772,854	10,312,356	245,532	14.04	\$ 0.1437	9,631.16	12,353.82	201	245
	Dec	31	143,448,641	9,483,024	225,786	15.13	\$ 0.0993	9,649.19	11,794.69	193	236
2020	Jan	31	138,041,863	9,188,575	218,776	15.02	\$ 0.1286	9,706.87	11,592.61	186	227
	Feb	29	128,740,982	8,519,225	202,839	15.11	\$ 0.1226	9,833.72	11,408.84	192	230
	Mar	31	137,889,276	9,112,959	216,975	15.13	\$ 0.1034	9,421.93	11,671.89	185	233
	Apr	30	133,331,694	8,843,365	210,556	15.08	\$ 0.0847	9,991.96	11,780.63	185	228
	May	31	143,999,526	9,958,957	237,118	14.46	\$ 0.0623	10,067.47	12,493.35	194	241
	June	30	145,724,133	9,712,001	231,238	15.00	\$ 0.0566	9,939.81	11,940.43	202	244
	July	31	146,742,897	10,126,538	241,108	14.49	\$ 0.0628	9,981.69	12,019.94	197	240
	Aug	31	143,983,197	9,799,046	233,311	14.69	\$ 0.0637	10,056.45	11,585.62	194	243
	Sept	30	135,803,486	9,144,712	217,731	14.85	\$ 0.0699	9,634.17	11,744.73	189	244
	Oct	31	141,816,663	9,320,961	221,928	15.21	\$ 0.0908	9,702.37	11,532.45	191	239
	Nov	30	137,435,116	9,072,447	216,011	15.15	\$ 0.0906	9,388.94	11,791.83	191	246
	Dec	31	137,424,058	9,347,419	222,558	14.70	\$ 0.0926	9,336.23	12,638.32	185	231
2021	Jan	31	138,598,956	9,363,155	222,932	14.80	\$ 0.0985	9,547.76	14,782.82	186	229
	Feb	28	128,117,304	8,799,723	209,517	14.56	\$ 0.1086	9,502.89	12,628.15	191	238
	Mar	31	143,407,917	10,106,336	240,627	14.19	\$ 0.1281	9,197.81	13,291.08	193	241
	Apr	30	145,648,035	10,090,167	240,242	14.43	\$ 0.1299	9,281.83	13,382.10	202	250
	May	31	145,350,891	10,172,974	242,214	14.29	\$ 0.1312	9,226.63	13,023.98	195	258
	June	30	147,550,858	10,696,301	254,674	13.79	\$ 0.1394	9,266.70	13,539.74	241	257
	July	31	150,704,704	10,364,249	246,768	14.54	\$ 0.1366	9,370.07	14,055.59	203	252

GPA Work Session - August 19, 2021 - DIVISION REPORTS

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
Billing up to JULY 31, 2021 and payments as of 08/13/2021

Current (07/30/2021 Billing due 08/30/2021)
31 days Arrears 06/30/2021 due 07/30/2021
61 days and over Arrears (05/30/21 billing due 06/30/2021)

CC&B New Acct Number		DEPARTMENT	CC&B BALANCE 06/30/2021	CANCEL/REBILL/ SPEC CHARGE 07/31/2021	BILLING 07/31/2021	PAYMENT UP TO 08/13/2021	CC&B BALANCE 08/13/2021	AGING 0-30 Days
Line Agencies								
3404311949	LINE AGENCIES	Guam Environmental Protect	6,363.76	-	6,966.41	(6,363.76)	6,966.41	6,966.41
4554808900	LINE AGENCIES	Nieves Flores Library	25,167.91	-	11,691.49	(24,866.44)	11,992.96	11,691.49
6069461950	LINE AGENCIES	Dept of Youth Affairs (Federal)	333.26	-	390.84	(333.26)	390.84	390.84
6293410000	LINE AGENCIES	Office of the Governor	20,043.72	-	18,944.45	(20,043.72)	18,944.45	18,944.45
6841080463	LINE AGENCIES	Guam Behavioral Health & Wellness	2,188.94	-	2,223.70	(2,188.94)	2,223.70	2,223.70
7928924534	LINE AGENCIES	Guam Visitors Bureau	4,151.85	-	4,258.61	(4,151.85)	4,258.61	4,258.61
3227759982	LINE AGENCIES	Mental Health/Subst.	46,562.19	-	43,244.86	(46,562.19)	43,244.86	43,244.86
7813165805	LINE AGENCIES	Pacific Energy Resource Center	558.46	-	570.19	(558.46)	570.19	570.19
2913461537	LINE AGENCIES	Dept. of Youth Affairs* (Local)	13,721.23	-	13,676.47	(13,721.23)	13,676.47	13,676.47
1073430238	LINE AGENCIES	Dept. of Corrections	67,480.19	-	67,221.45	(67,480.19)	67,221.45	67,221.45
3558733700	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village (N	14.16	-	14.16	(14.16)	14.16	14.16
1099514147	LINE AGENCIES	Dept of Chamorro Affairs/Repository	259.38	-	191.36	(259.38)	191.36	191.36
9541109130	LINE AGENCIES	General Services Agency	244.04	-	252.04	(244.04)	252.04	252.04
7663706771	LINE AGENCIES	Yona Senior Citizen Center	1,263.99	-	589.64	(1,263.99)	589.64	589.64
8564647941	LINE AGENCIES	DOA Supply Mgmt (NET METERED)	2,025.11	-	1,120.27	(2,025.11)	1,120.27	1,120.27
0070861777	LINE AGENCIES	Veteran Affairs	3,871.13	-	1,981.59	(3,871.13)	1,981.59	1,981.59
5247210000	LINE AGENCIES	Mayors Council	19,376.21	-	2,722.93	(5,369.97)	16,729.17	2,722.93
4129948191	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village	2,518.70	-	2,443.89	(2,518.70)	2,443.89	2,443.89
4211873236	LINE AGENCIES	Dept. of Administration	5,779.67	-	9,480.67	(5,779.67)	9,480.67	9,480.67
1621790133	LINE AGENCIES	DOA-Data Processing	8,514.44	-	8,672.11	-	17,186.55	8,672.11
1595188609	LINE AGENCIES	Dept. of Agriculture	11,053.15	-	10,946.88	-	22,000.03	10,946.88
8300435373	LINE AGENCIES	Civil Defense (Military Affairs)	19,337.52	-	9,877.25	-	29,214.77	9,877.25
0453170939	LINE AGENCIES	Guam Fire Department	31,850.66	-	15,524.66	(31,850.66)	15,524.66	15,524.66
8555858369	LINE AGENCIES	Dept of Chamorro Affairs (Guam Museum)	18,979.94	-	18,318.04	(18,979.94)	18,318.04	18,318.04
1896187753	LINE AGENCIES	Dept. of PH&S	39,044.75	-	31,930.60	(1,783.71)	69,191.64	31,930.60
0040515913	LINE AGENCIES	Dept. of Parks & Rec.	12,685.84	(14.16)	12,742.59	(12,685.84)	12,728.43	12,728.43
2535590089	LINE AGENCIES	DPW-FAC Adm Account	30,437.30	-	30,402.13	(28,566.12)	32,273.31	30,402.13
7252821074	LINE AGENCIES	Dept. of Education	3,230,590.98	-	808,598.56	(1,678,635.40)	2,360,554.14	808,598.56
0266069082	LINE AGENCIES	Guam Police Department	82,765.33	-	41,891.21	-	124,656.54	41,891.21
Sub-total			3,707,183.81	(14.16)	1,176,889.05	(1,980,117.86)	2,903,940.84	1,176,874.89
Mayors								
6393530237	MAYORS	Hagatna Mayor	1,440.64	-	695.98	(1,440.64)	695.98	695.98
4469579998	MAYORS	Merizo Mayor	1,797.78	-	1,010.94	(1,797.78)	1,010.94	1,010.94
1880297633	MAYORS	Talofo Mayor	2,514.29	-	1,343.18	(2,514.29)	1,343.18	1,343.18
0492244686	MAYORS	Asan/Maina/Adelup Mayor	2,212.74	-	1,040.25	(2,212.74)	1,040.25	1,040.25
3293808984	MAYORS	Piti Mayor	2,188.22	-	1,234.07	(2,188.22)	1,234.07	1,234.07
720265287	MAYORS	Umatac Mayor	1,719.14	-	886.32	(1,719.14)	886.32	886.32
1837525565	MAYORS	Yona Mayor	2,414.86	-	1,094.98	(2,414.86)	1,094.98	1,094.98
5763167341	MAYORS	Barrigada Mayors Office	4,322.74	-	2,113.76	(4,322.74)	2,113.76	2,113.76
8715052935	MAYORS	Mongmong/Toto/Malte Mayor	3,748.99	-	1,697.52	(3,748.99)	1,697.52	1,697.52
7037924246	MAYORS	Yigo Mayor	4,858.09	-	2,419.71	(4,858.09)	2,419.71	2,419.71
843959204	MAYORS	Sinajana Mayor	5,905.06	-	2,961.42	(5,905.06)	2,961.42	2,961.42
8472200165	MAYORS	Agana Hts. Mayor	7,082.64	-	3,713.84	(7,082.64)	3,713.84	3,713.84
3832327736	MAYORS	Santa Rita Mayor	6,433.81	-	3,218.36	(6,433.81)	3,218.36	3,218.36
3631627996	MAYORS	Mangilao Mayor	5,352.25	-	2,555.39	(5,352.25)	2,555.39	2,555.39
8041715847	MAYORS	Dededo Mayor	9,914.51	-	5,197.28	(9,914.51)	5,197.28	5,197.28
6957205325	MAYORS	Tamuning Mayor	10,662.47	-	4,845.13	(10,662.47)	4,845.13	4,845.13
607844037	MAYORS	Inarajan Mayor	5,916.21	-	2,738.49	(5,916.21)	2,738.49	2,738.49
7247791682	MAYORS	Agat Mayor	5,586.80	-	2,653.04	(5,586.80)	2,653.04	2,653.04
9351070242	MAYORS	Ordot/Chalan Pago Mayor	2,351.23	-	1,114.59	(1,753.42)	1,712.40	1,114.59
Sub-total			86,422.47	-	42,534.25	(85,824.66)	43,132.06	42,534.25
DPW Accounts								
0832698062	DPW ACCOUNT	DPW-Signal Lights	16,658.66	179.48	8,376.64	(16,658.66)	8,556.12	8,556.12
0930959866	DPW ACCOUNT	DPW-Primary St. Lights	244,415.57	350.00	70,210.18	(68,431.06)	246,544.69	70,560.18
3045433600	DPW ACCOUNT	DPW-Village St. Lights	672,570.50	5,518.68	319,577.55	(309,735.42)	687,931.31	326,527.55
3088040552	DPW ACCOUNT	DPW-Sec/Coll St. Lights	64,072.62	-	19,411.20	(37,856.86)	45,626.96	19,411.20
Sub-total			997,717.35	6,048.16	417,575.57	(432,682.00)	988,659.08	425,055.05
Autonomous/Public Corp								
0838495949	AUTONOMOUS	Guam Waterworks Authority	1,061,863.86	-	1,067,954.73	(1,061,863.86)	1,067,954.73	1,067,954.73
1540692986	AUTONOMOUS	Retirement Fund	5,969.10	-	5,310.63	(5,969.10)	5,310.63	5,310.63
4075914809	AUTONOMOUS	GPA	-	(82,771.65)	82,771.65	-	-	-
5257510000	AUTONOMOUS	University of Guam (NET METERED)	64,471.51	-	65,382.53	(64,471.51)	65,382.53	65,382.53
6518220019	AUTONOMOUS	Guam Community College	38,958.79	-	38,274.89	(38,958.79)	38,274.89	38,274.89
7736362694	AUTONOMOUS	Guam Airport Authority	747,417.28	-	383,509.88	(747,417.28)	383,509.88	383,509.88
8302337726	AUTONOMOUS	Guam Memorial Hospital	92,902.84	-	30,929.82	(19,257.29)	94,675.37	30,929.82
8426836906	AUTONOMOUS	Guam Memorial Hospital (NET METERED)	404,466.28	-	137,326.58	(136,997.60)	404,795.26	137,326.58
9157510000	AUTONOMOUS	Guam Community College (NET METERED)	30,332.99	-	30,321.53	(30,332.99)	30,321.53	30,321.53
0563872892	AUTONOMOUS	Guam Housing Corp Rental Division	963.67	-	965.67	(963.67)	965.67	965.67
9173210000	AUTONOMOUS	Guam Solid Waste Authority	5,557.77	-	5,503.01	(5,557.77)	5,503.01	5,503.01
5434075703	AUTONOMOUS	University of Guam	152,162.58	204.00	147,983.67	(152,162.58)	148,187.67	148,187.67
1699407298	AUTONOMOUS	G H U R A	35,079.91	306.64	23,711.39	(46,810.24)	12,287.70	12,287.70
4474308144	AUTONOMOUS	Port Authority of Guam	110,023.87	2,438.11	64,574.94	-	177,036.92	67,013.05
Sub-total			2,750,170.45	(79,822.90)	2,084,520.92	(2,320,662.68)	2,434,205.79	1,992,967.69
Others								
3209463043	OTHERS	Dept. of Military Affairs (NET METERED)	17,782.78	-	18,308.61	-	36,091.39	18,308.61
4530787043	OTHERS	U.S. Post Office	38,028.14	-	40,111.52	(38,028.14)	40,111.52	40,111.52
6000770566	OTHERS	KGTF	20,318.87	-	6,966.96	(19,363.65)	7,922.18	6,966.96
6602566745	OTHERS	Tamuning Post Office	5,185.36	-	5,121.64	(5,185.36)	5,121.64	5,121.64
7541928173	OTHERS	Guam Legislature	410.98	-	341.73	(752.71)	-	-
8108458168	OTHERS	Guam Post Office (Agana)	6,230.93	-	4,534.08	(6,230.93)	4,534.08	4,534.08
8353274954	OTHERS	Superior Court of Guam	51,956.26	-	52,168.65	(51,956.26)	52,168.65	52,168.65
8607446612	OTHERS	Dept. of Military Affairs	71,665.56	-	75,002.69	-	146,668.25	75,002.69
8972267005	OTHERS	Customs & Quarantine Agency	633.79	-	604.06	(633.79)	604.06	604.06
9503154359	OTHERS	Guam Legislature (NET METERED)	7,769.53	-	7,708.31	(7,769.53)	7,708.31	7,708.31
Sub-total			219,982.20	-	210,868.25	(129,920.37)	300,930.08	210,526.52
Grand Total			7,761,476.28	(73,788.90)	3,932,388.04	(4,949,207.57)	6,670,867.85	3,847,958.40